Canon

EOS M50

User Manual

Getting Ready

Camera Basics

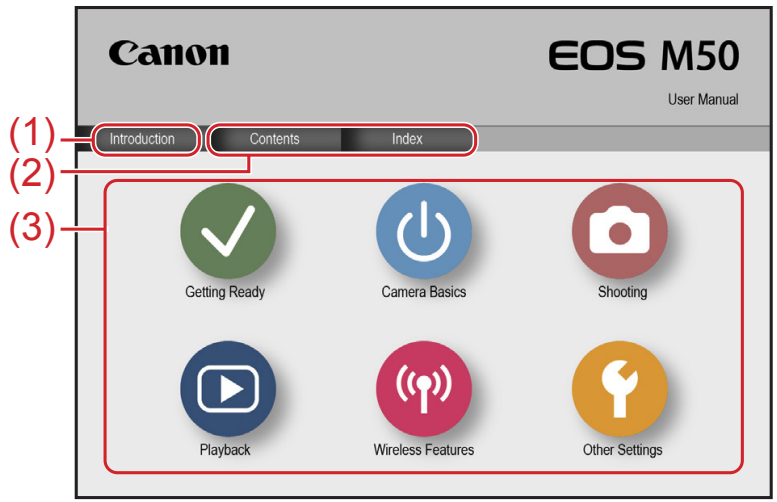
Shooting

Playback

Wireless Features

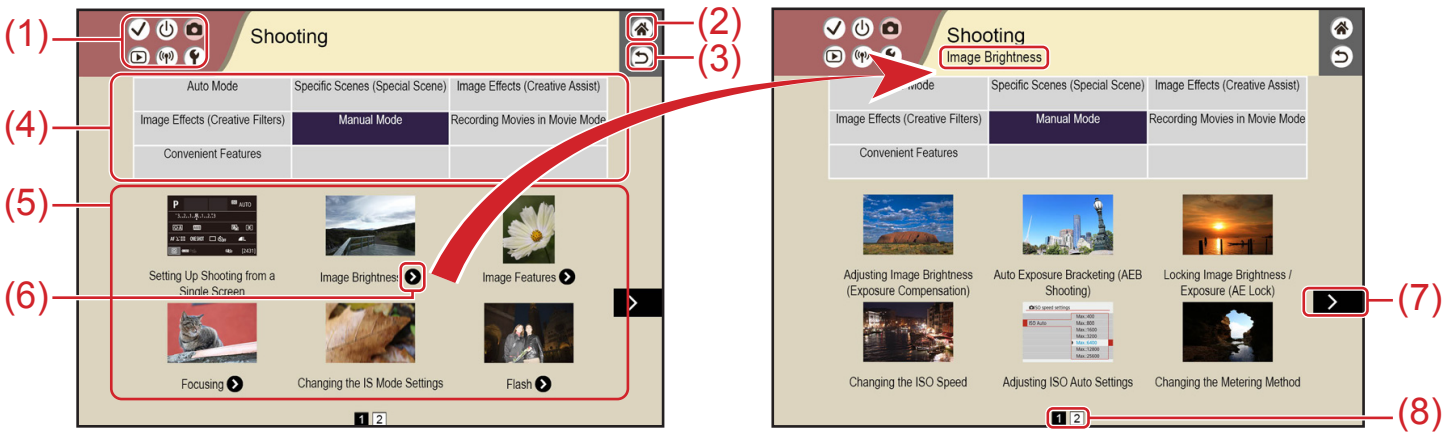
Other Settings

- Take and review some test shots initially to make sure the images were recorded correctly. Please note that Canon Inc., its subsidiaries and affiliates, and its distributors are not liable for any consequential damages arising from any malfunction of a camera or accessory, including memory cards, that result in the failure of an image to be recorded or to be recorded in a way that is machine readable.
- The user's unauthorized photographing or recording (video and/or sound) of people or copyrighted materials may invade the privacy of such people and/or may violate others' legal rights, including copyright and other intellectual property rights. Note that restrictions may apply even when such photographing or recording is intended solely for personal use.
- For information on camera warranty or Customer Support, please refer to the warranty information provided with your camera User Manual Kit.
- Although the screen is produced under extremely high-precision manufacturing conditions and more than 99.99% of the pixels meet design specifications, in rare cases some pixels may be defective or may appear as red or black dots. This does not indicate camera damage or affect recorded images.
- When the camera is used over an extended period, it may become warm. This does not indicate damage.



(1) Jump to this page
This section introduces manual navigation and conventions.
(2) Jump to the table of contents and index pages
(3) Jump to the first page of a section, by clicking one of the six sections

Portal pages are gateways to each section.



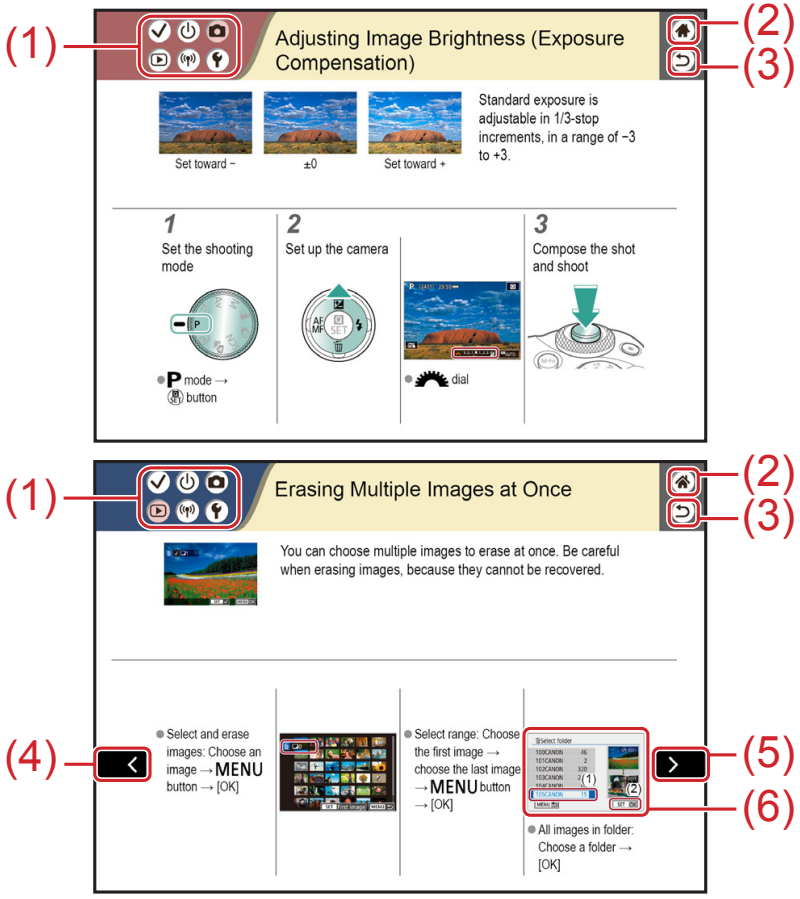
(1) Section icons
Click an icon to jump to the section's portal page.

(2) Jump to the first page

(3) Return to the previous page

(4) Section themes
Topics in the selected theme are shown in (5). Note that some portal pages do not include themes.

(5) Topics in the selected theme. Click a topic title to jump to the topic page.
(6) Indicates multiple topics
(7) Indicates that the information continues on the next page
(8) Identifies the current page among multiple portal pages



(1) Section icons
Click an icon to jump to the section's portal page.

(2) Jump to the first page

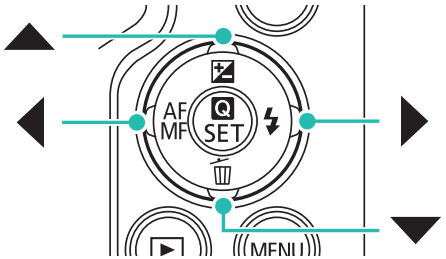
(3) Return to the previous page

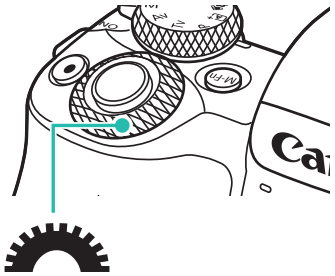
(4) Indicates that the information is continued from the previous page

(5) Indicates that the information continues on the next page

(6) Numbers in some figures and illustrations correspond to numbers in the steps

- Instructions in this manual may include icons representing camera buttons and dials.
- The following camera controls are represented by icons.





- On-screen icons and text are indicated in brackets.
- Instructions in this manual apply to the camera under default settings.
- For convenience, all lenses and mount adapters are simply referred to as “lenses” and “mount adapters,” whether they are included or sold separately.
- Illustrations in this manual show the camera with the EF-M15-45mm f/3.5-6.3 IS STM lens attached as an example.
- For convenience, all supported memory cards are simply referred to as the “memory card.”

Contents

Preliminary Notes and Legal Information
Introduction
Contents
Safety Instructions

Getting Ready

Attaching the Strap
Charging the Battery Pack
Preparing a Memory Card
Inserting/Removing the Battery Pack and Memory Card
Setting the Date, Time, and Time Zone
Setting the Display Language
Attaching a Lens
Detaching a Lens
Attaching EF and EF-S Lenses
Detaching EF and EF-S Lenses
Using a Tripod with EF or EF-S Lenses
Using EF or EF-S Lens Image Stabilization
Holding the Camera

Contents

Camera Basics

- Trying the Camera Out
- Part Names
- On/Off
- Shutter Button
- Viewfinder
- Shooting Modes
- Adjusting the Screen Angle
- Frames on the Shooting Screen
- Shooting Display Options
- Playback Display Options
- Using the Quick Control Screen
- Using the Menu Screen
- Entering Characters
- Indicator Display
- Touch Operations

Shooting

- Auto Mode
- Specific Scenes (Special Scene)

Contents

Image Effects (Creative Assist)
Image Effects (Creative Filters)
Manual Mode
Recording Movies in Movie Mode
Convenient Features

Playback

Viewing
Finding
Managing
Erasing Images
Editing Stills
Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera
Editing Movies

Wireless Features

Available Wireless Features
Preparing to Use Wireless Features
Connecting to Bluetooth Enabled Smartphones via Wi-Fi
Connecting to NFC-Compatible Android Smartphones via Wi-Fi
Connecting to Smartphones via Wi-Fi with the Wi-Fi Button

Other Settings

Adjusting Screens/Messages to Match Your Skill Level
Selecting and Creating Folders
Changing File Numbering
Auto Rotation of Vertical Images
Formatting Memory Cards
Low-Level Formatting
Using Eco Mode
Adjusting Power-Saving Features
Changing the Display Language
Adjusting Screen Brightness
Reducing Red-Eye
Changing the Image Display Period after Shots
Changing the Video System
Customizing Shooting Information Display
Customizing Playback Information Display
Muting Camera Sounds
Muting Audio Feedback
Adjusting the Touch-Screen Panel

Contents

Activating Sensor Cleaning
Cleaning the Sensor Manually
Restoring Default Camera Settings
Setting Copyright Information to Record in Images
Deleting All Copyright Information
Checking Certification Logos

Index

Precautions for Wireless Features
Trademarks and Licensing
Disclaimer

Safety Instructions

Be sure to read these instructions in order to operate the product safely.
Follow these instructions to prevent injury or harm to the operator of the product or others.

⚠ WARNING	Denotes the risk of serious injury or death.

- **Keep the product out of the reach of young children.**

A strap wrapped around a person's neck may result in strangulation.
The hot shoe cap is dangerous if swallowed. If swallowed, seek immediate medical assistance.

- **Use only power sources specified in this instruction manual for use with the product.**
- **Do not disassemble or modify the product.**
- **Do not expose the product to strong shocks or vibration.**
- **Do not touch any exposed internal parts.**
- **Stop using the product in any case of unusual circumstances such as the presence of smoke or a strange smell.**
- **Do not use organic solvents such as alcohol, benzine or paint thinner to clean the product.**
- **Do not get the product wet.**
- **Do not insert foreign objects or liquids into the product.**
- **Do not use the product where flammable gases may be present.**

This may cause electric shock, explosion or fire.

- **For products featuring a viewfinder, do not look through the viewfinder at strong light sources such as the sun on a bright day or lasers and other strong artificial light sources.**

This may harm your vision.

- **Observe the following instructions when using commercially available batteries or provided battery packs.**
  - Use batteries/battery packs only with their specified product.
  - Do not heat batteries/battery packs or expose them to fire.
  - Do not charge batteries/battery packs using non-authorized battery chargers.
  - Do not expose the terminals to dirt or let them come into contact with metallic pins or other metal objects.
  - Do not use leaking batteries/battery packs.
  - When disposing of batteries/battery packs, insulate the terminals with tape or other means.

Failure to do so may cause electric shock, explosion or fire.

If a battery/battery pack leaks and the material contacts your skin or clothing, flush the exposed area thoroughly with running water. In case of eye contact, flush thoroughly with copious amounts of clean running water and seek immediate medical assistance.

- **Observe the following instructions when using a battery charger or AC adapter.**
  - Periodically remove any dust buildup from the power plug and power outlet using a dry cloth.
  - Do not plug in or unplug the product with wet hands.
  - Do not use the product if the power plug is not fully inserted into the power outlet.
  - Do not expose the power plug and terminals to dirt or let them come into contact with metallic pins or other metal objects.
- **Do not touch the battery charger or AC adapter connected to a power outlet during lightning storms.**
- **Do not place heavy objects on the power cord. Do not damage, break or modify the power cord.**
- **Do not wrap the product in cloth or other materials when in use or shortly after use when the product is still warm in temperature.**
- **Do not leave the product connected to a power source for long periods of time.**

This may cause electric shock, explosion or fire.

- **Do not allow the product to maintain contact with the same area of skin for extended periods of time during use.**

This may result in low-temperature contact burns, including skin redness and blistering, even if the product does not feel hot. The use of a tripod or similar equipment is recommended when using the product in hot places and for people with circulation problems or less sensitive skin.

- **Follow any indications to turn off the product in places where its use is forbidden.**

Not doing so may cause other equipment to malfunction due to the effect of electromagnetic waves and even result in accidents.

CAUTION	Denotes the risk of injury.

- **Do not fire the flash near the eyes.**

It may hurt the eyes.

- **Strap is intended for use on the body only. Hanging the strap with any product attached on a hook or other object may damage the product. Also, do not shake the product or expose the product to strong impacts.**
- **Do not apply strong pressure on the lens or allow an object to hit it.**

This may cause injury or damage to the product.

- **Flash emits high temperatures when fired. Keep fingers, any other part of your body, and objects away from the flash unit while taking pictures.**

This may cause burns or malfunction of the flash.

- **Do not leave the product in places exposed to extremely high or low temperatures.**

The product may become extremely hot/cold and cause burns or injury when touched.

CAUTION	Denotes the possibility of property damage.

- **Do not aim the camera at intense light sources, such as the sun on a clear day or an intense artificial light source.**

Doing so may damage the image sensor or other internal components.

- **When using the camera on a sandy beach or at a windy location, be careful not to allow dust or sand to enter the camera.**
- **Wipe off any dust, grime, or other foreign matter on the flash with a cotton swab or cloth.**

The heat emitted from the flash may cause foreign matter to smoke or the product to malfunction.

- **Remove and store the battery pack/batteries when you are not using the product.**

Any battery leakage that occurs may cause product damage.

- **Before you discard the battery pack/batteries, cover the terminals with tape or other insulators.**

Contacting other metal materials may lead to fire or explosions.

- **Unplug any battery charger used with the product when not in use. Do not cover with a cloth or other objects when in use.**

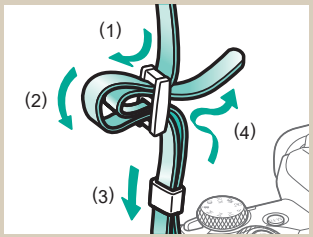
Leaving the unit plugged in for a long period of time may cause it to overheat and distort, resulting in fire.

- **Do not leave any dedicated battery packs near pets.**

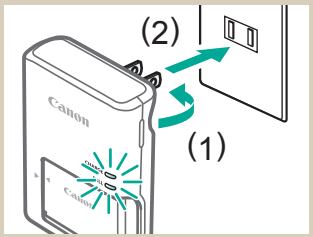
Pets biting the battery pack could cause leakage, overheating, or explosion, resulting in product damage or fire.

- **If your product uses multiple batteries, do not use batteries that have different levels of charge together, and do not use old and new batteries together. Do not insert the batteries with the + and – terminals reversed.**

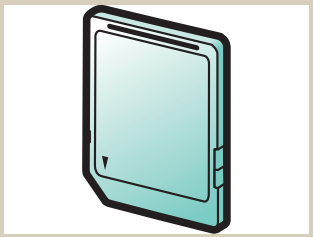
This may cause the product to malfunction.



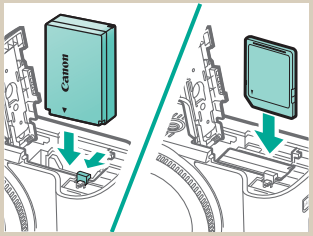
Attaching the Strap



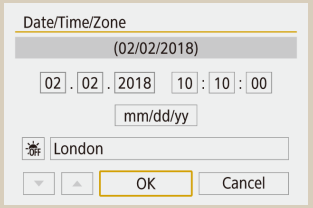
Charging the Battery Pack



Preparing a Memory Card

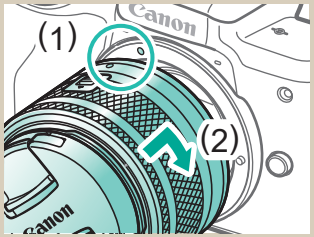


Inserting/Removing the Battery Pack and Memory Card

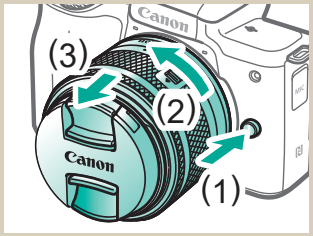


Setting the Date, Time, and Time Zone

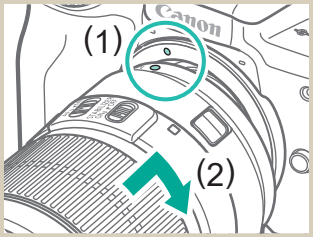
Setting the Display Language



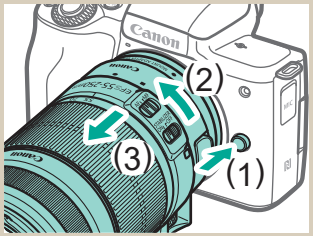
Attaching a Lens



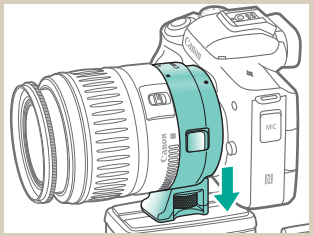
Detaching a Lens



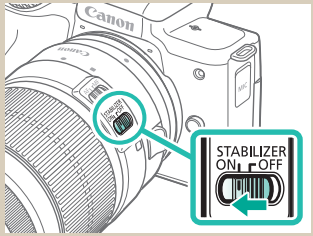
Attaching EF and EF-S Lenses



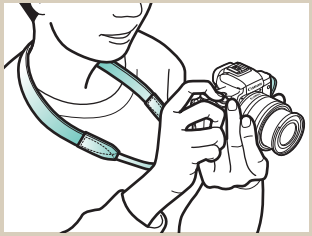
Detaching EF and EF-S Lenses



Using a Tripod with EF or EF-S Lenses

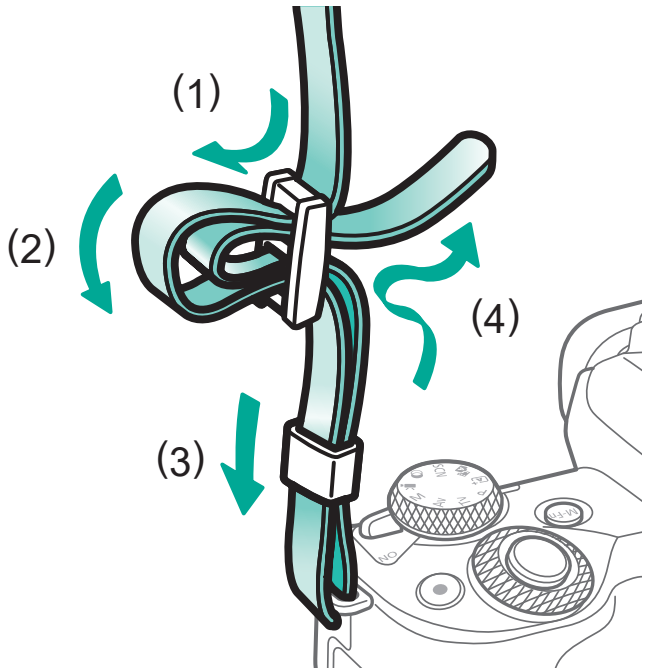


Using EF or EF-S Lens Image Stabilization



Holding the Camera

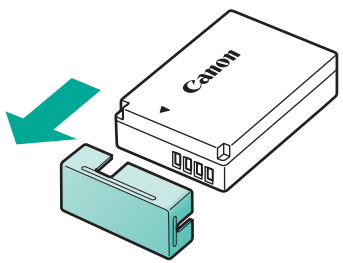
Attaching the Strap



Charging the Battery Pack

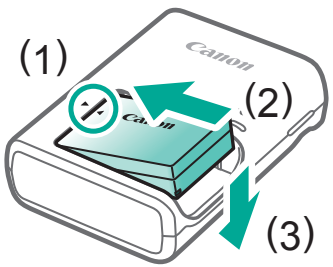
1

Remove the battery cover



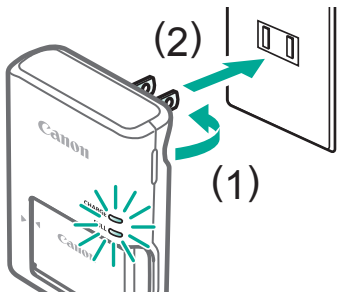
2

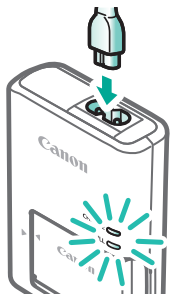
Insert the battery pack



3

Charge the battery pack

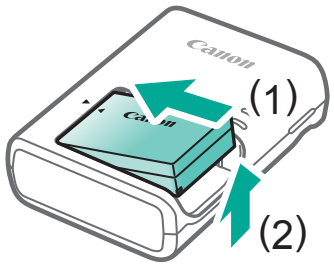




- Charging: Orange
- Fully charged: Green

4

Remove the battery pack



Preparing a Memory Card

Use the following memory cards (sold separately), in any capacity.

- SD memory cards*1
- SDHC memory cards*1*2
- SDXC memory cards*1*2

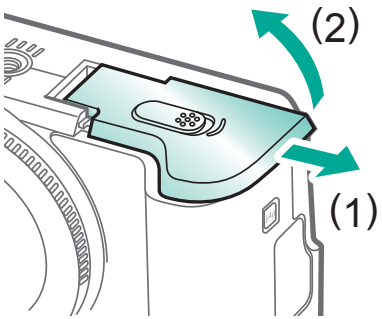
*1 Cards conforming to SD standards. However, not all memory cards have been verified to work with the camera.

*2 UHS-I memory cards are also supported.

Inserting/Removing the Battery Pack and Memory Card

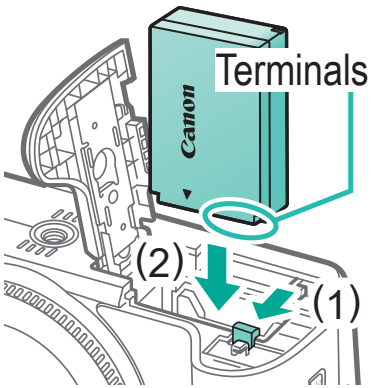
1

Open the memory card/battery cover

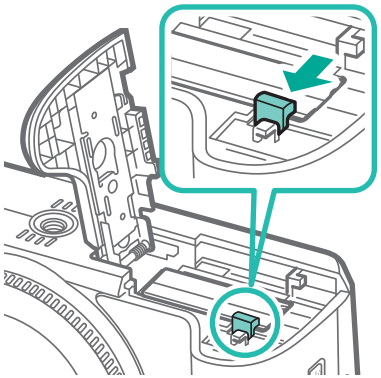


2

When inserting the battery pack:

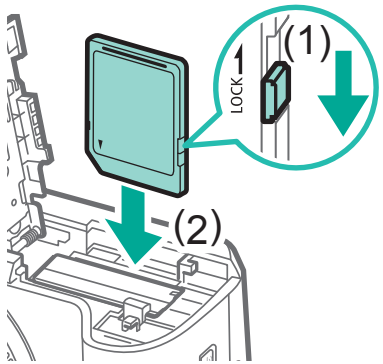


When removing the battery pack:

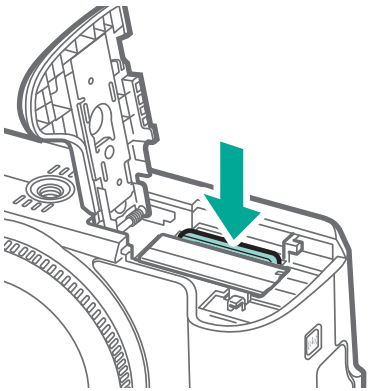


3

When inserting the memory card:

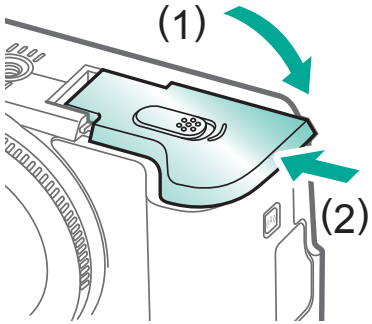


When removing the memory card:



4

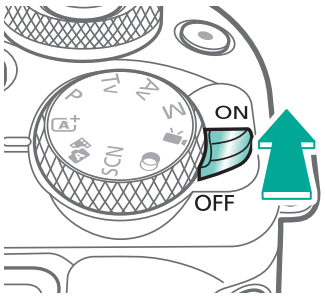
Close the memory card/battery cover



Setting the Date, Time, and Time Zone

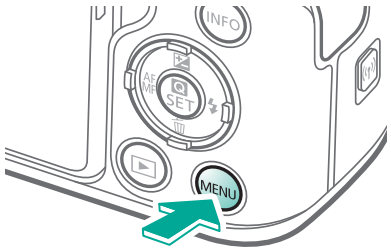
1

Turn the camera on

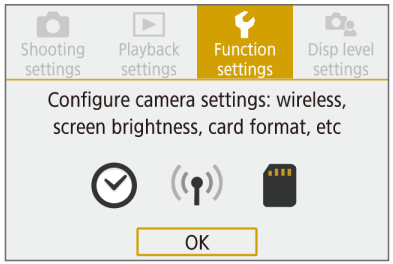


2

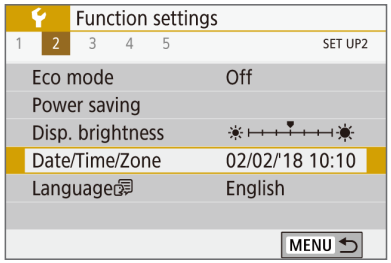
Access the menu screen



- **MENU** button



- ◀▶ buttons → [🔧] → (SET) button

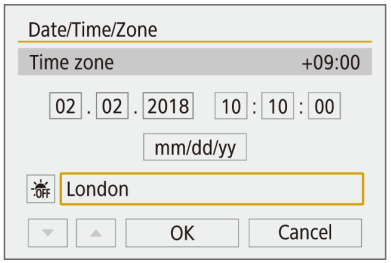


- [🔧2] → ▲/▼ buttons → [Date/Time/Zone] → (SET) button

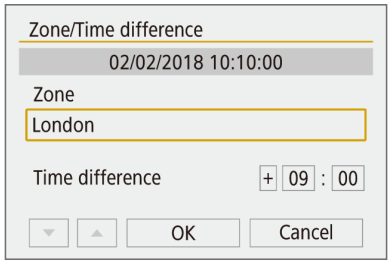
Setting the Date, Time, and Time Zone

3

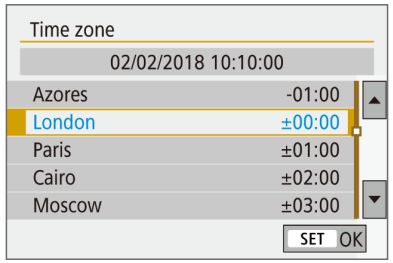
Set the time zone



- ◀▶ buttons to choose an option → (SET) button



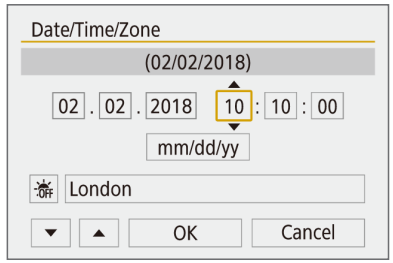
- (SET) button



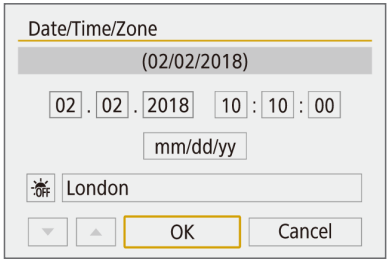
- ▲/▼ buttons to navigate → (SET) button → ◀▶ buttons to choose [OK] → (SET) button

4

Set the date and time



- ◀▶ buttons to navigate → (SET) button → ▲/▼ buttons to adjust → (SET) button

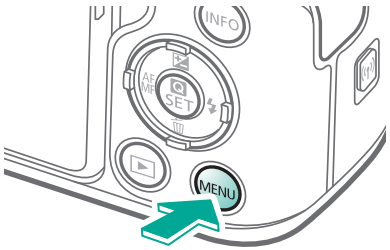


- ◀/▶ buttons to choose [OK] → (SET) button

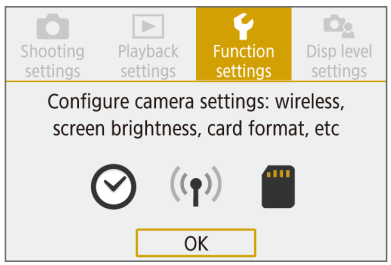
Setting the Display Language

1

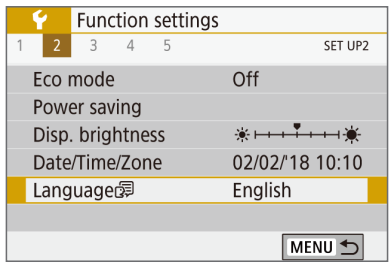
Access the menu screen



- **MENU** button



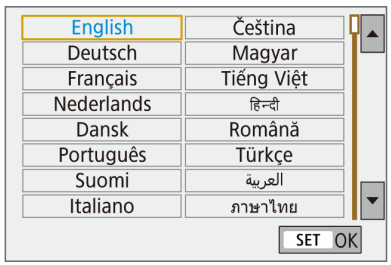
- ◀▶ buttons → [🔧] → (Q SET) button



- [🔧2] → ▲/▼ buttons → [Language]

2

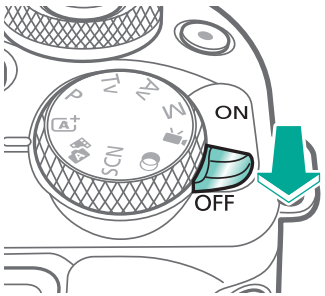
Set the display language



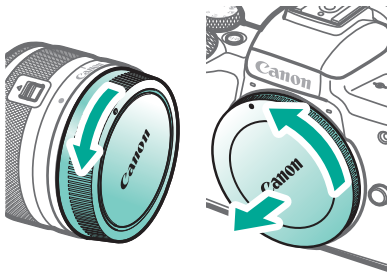
- ▲/▼/◀▶ buttons to choose an option

Attaching a Lens

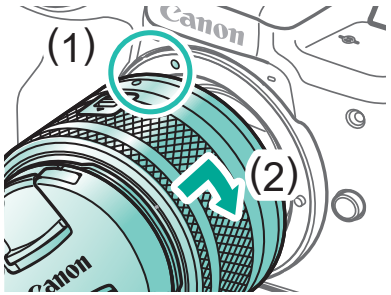
1
Make sure the camera is off



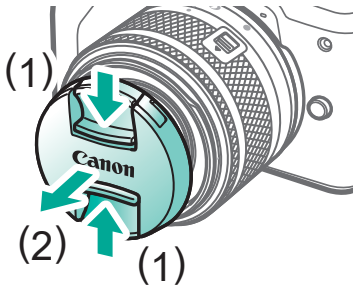
2
Remove the lens cap and body cap



3
Attach the lens

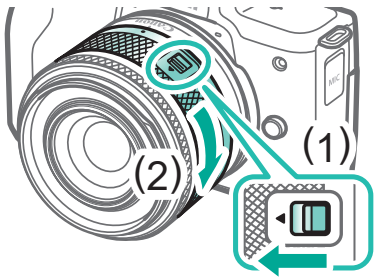


4
Remove the front lens cap

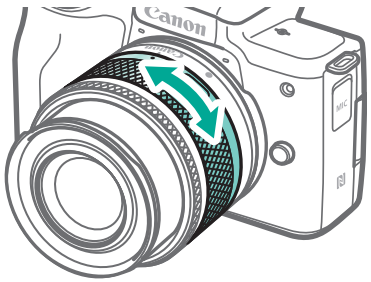


5

Prepare to shoot



- Press (1) as you turn (2) slightly, and then release (1).
- Turn (2) a little more until it clicks.

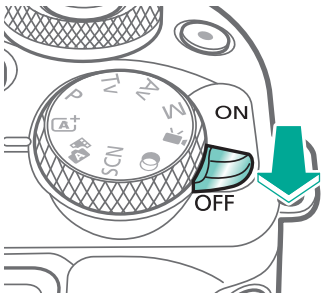


- Zoom in or out before focusing.

Detaching a Lens

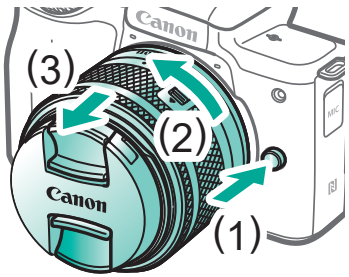
1

Make sure the camera is off



2

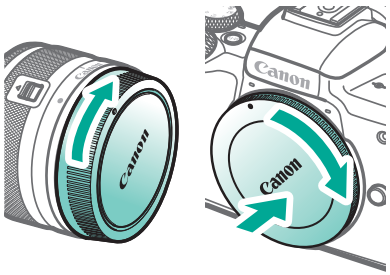
Detach the lens



- Press (1) as you turn the lens toward (2) until it stops.
- Remove it in the direction shown (3).

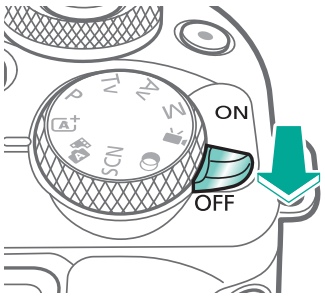
3

Attach the lens cap and body cap

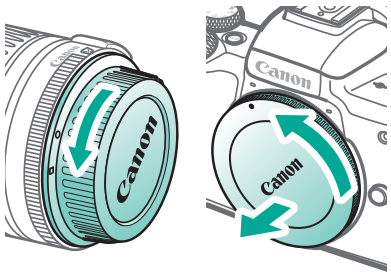


Attaching EF and EF-S Lenses

1
Make sure the camera is off

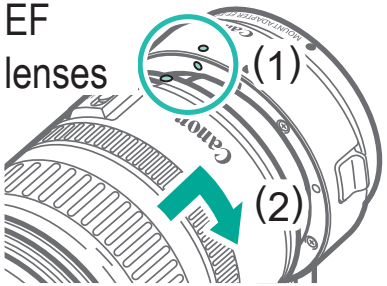


2
Remove the lens cap and body cap

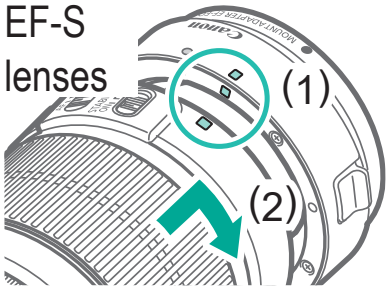


3
Attach an optional adapter to the lens

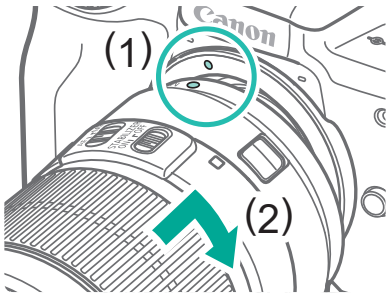
EF lenses



EF-S lenses



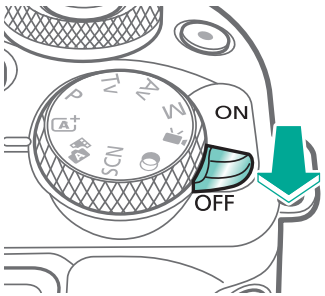
4
Attach the adapter to the camera



Detaching EF and EF-S Lenses

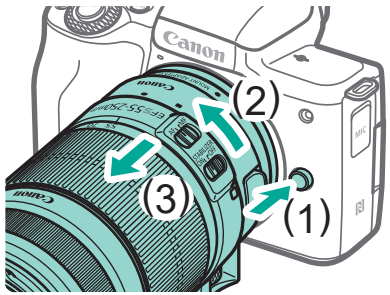
1

Make sure the camera is off



2

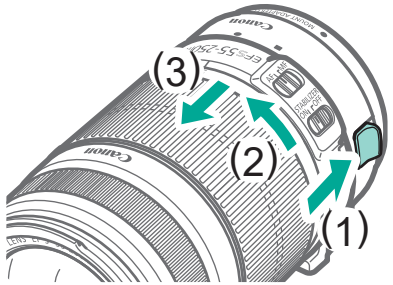
Detach the adapter



- Press (1) as you turn the adapter toward (2) until it stops.
- Remove it in the direction shown (3).

3

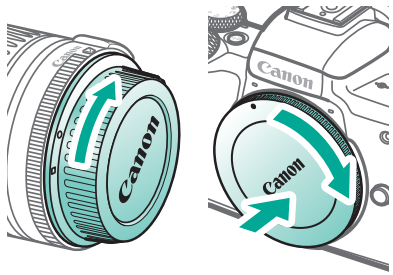
Detach the lens



- Slide (1) as you turn the lens toward (2) until it stops.
- Remove it in the direction shown (3).

4

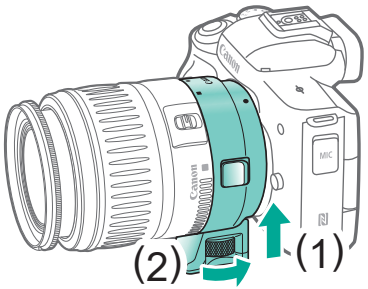
Attach the lens cap and body cap



Using a Tripod with EF or EF-S Lenses

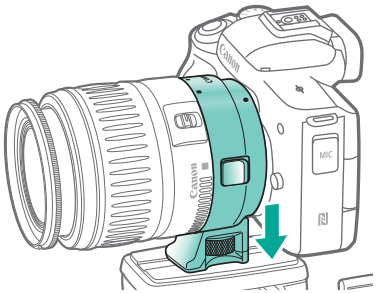
1

Attach the tripod mount to the adapter

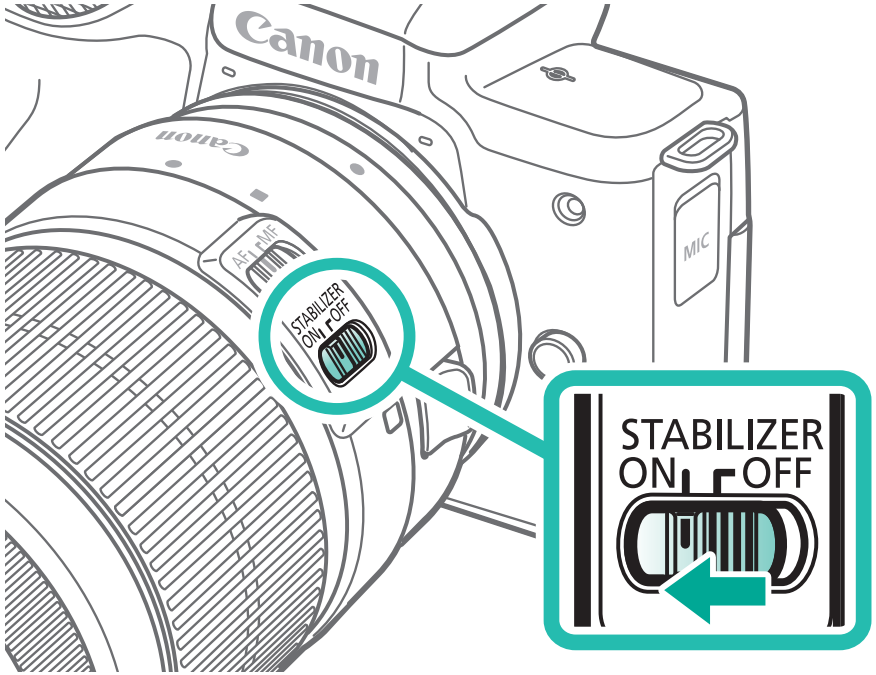


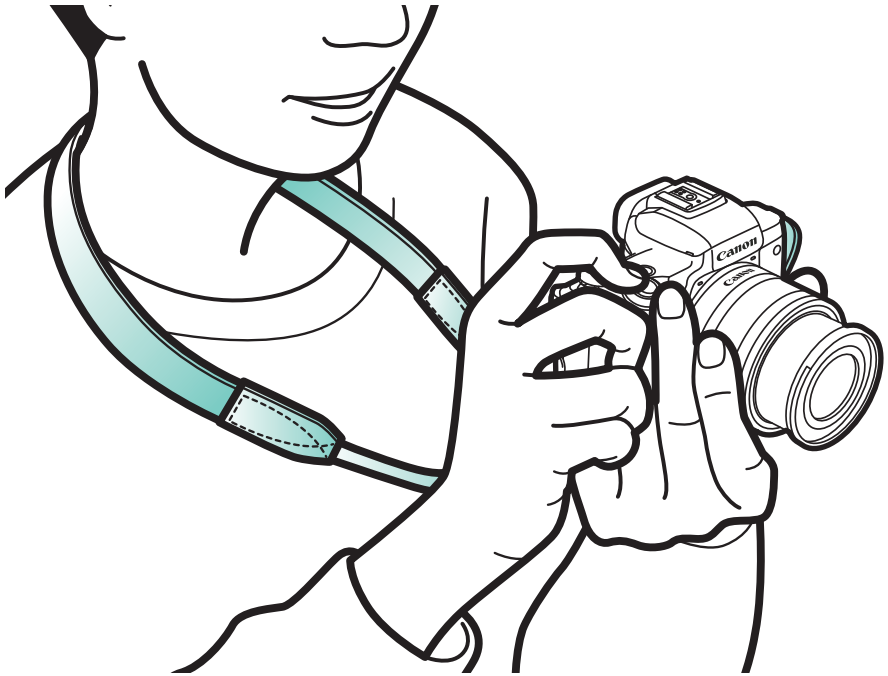
2

Attach the tripod to the tripod mount socket

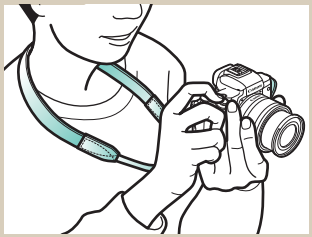


Using EF or EF-S Lens Image Stabilization



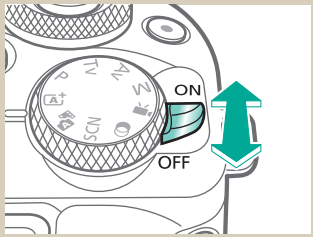

Canon

Camera Basics

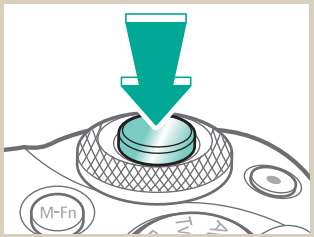


Trying the Camera Out

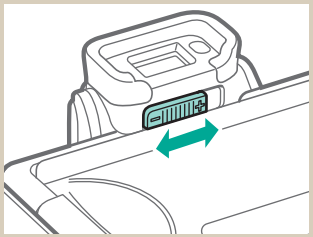
Part Names



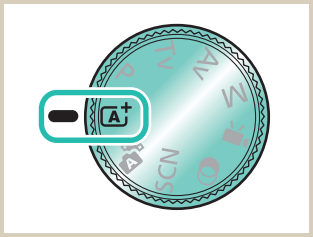
On/Off



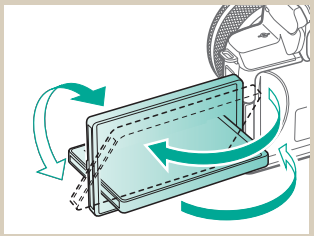
Shutter Button



Viewfinder



Shooting Modes



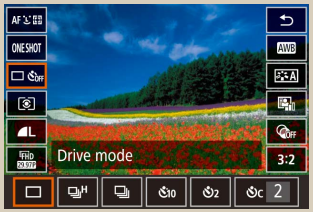
Adjusting the Screen Angle

Frames on the Shooting Screen

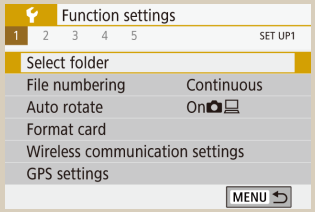
Shooting Display Options

1 2

Playback Display Options

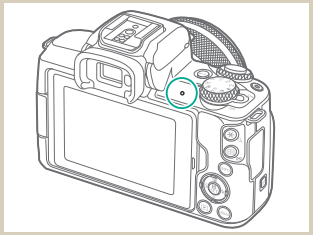


Using the Quick Control Screen



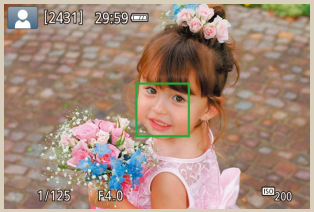
Using the Menu Screen

Entering Characters



Indicator Display

Touch Operations

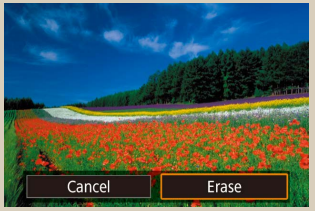


Shooting Stills (Scene Intelligent Auto)

Recording Movies (Scene Intelligent Auto)

Viewing Stills

Viewing Movies

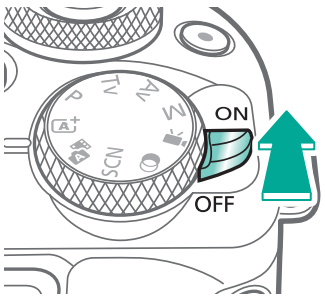


Erasing Images

- For fully automatic selection of the optimal settings for specific scenes, simply let the camera determine the subject and shooting conditions.
- Frames are displayed around faces and subjects that have been detected, indicating that they are in focus.

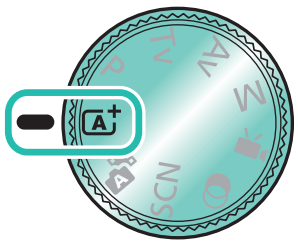
1

Turn the camera on

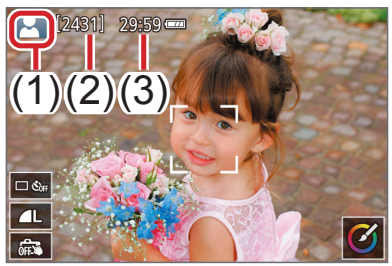


2

Set the mode



- Set the shooting mode → (Q SET) button

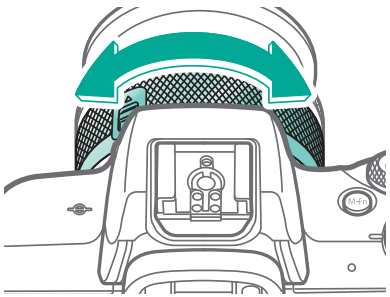


- (1) Scene icon
- (2) Remaining number of shots
- (3) Remaining recording time

- For fully automatic selection of the optimal settings for specific scenes, simply let the camera determine the subject and shooting conditions.
- Frames are displayed around faces and subjects that have been detected, indicating that they are in focus.

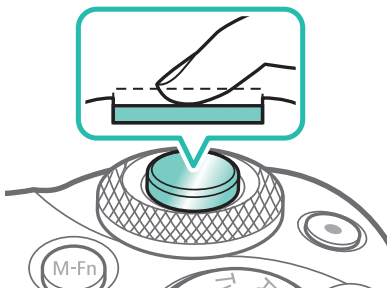
3

Zoom in or out, as needed

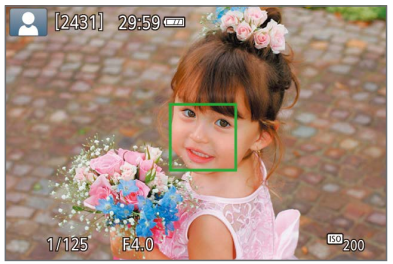


4

Focus



- Press the shutter button lightly.
- The camera beeps twice after focusing.

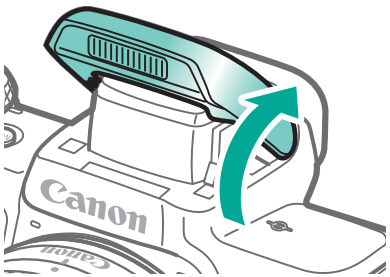


- An AF point is displayed around positions in focus.

- For fully automatic selection of the optimal settings for specific scenes, simply let the camera determine the subject and shooting conditions.
- Frames are displayed around faces and subjects that have been detected, indicating that they are in focus.

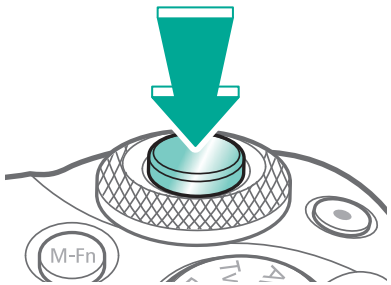
5

Raise the flash as needed



6

Shoot

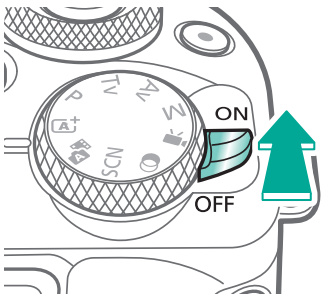


- After you shoot, the image is displayed for about two seconds.
- Even while the shot is displayed, you can take another shot by pressing the shutter button again.

- For fully automatic selection of the optimal settings for specific scenes, simply let the camera determine the subject and shooting conditions.
- Frames are displayed around faces and subjects that have been detected, indicating that they are in focus.

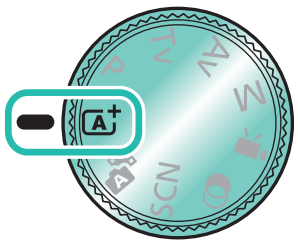
1

Turn the camera on

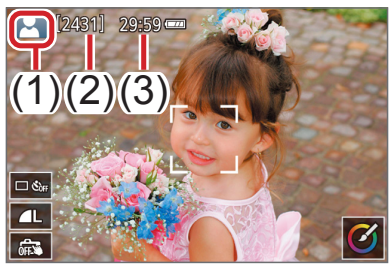


2

Set the mode



- Set the shooting mode → (Q SET) button

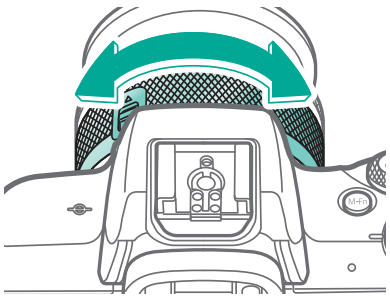


- (1) Scene icon
- (2) Remaining number of shots
- (3) Remaining recording time

- For fully automatic selection of the optimal settings for specific scenes, simply let the camera determine the subject and shooting conditions.
- Frames are displayed around faces and subjects that have been detected, indicating that they are in focus.

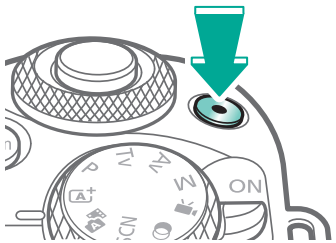
3

Zoom in or out, as needed



4

Start recording

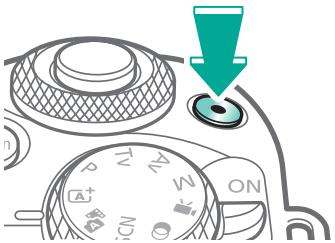


- Frames are displayed around any detected faces that are in focus.

- For fully automatic selection of the optimal settings for specific scenes, simply let the camera determine the subject and shooting conditions.
- Frames are displayed around faces and subjects that have been detected, indicating that they are in focus.

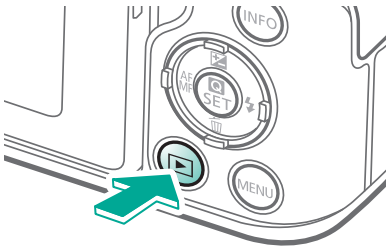
5

Stop recording



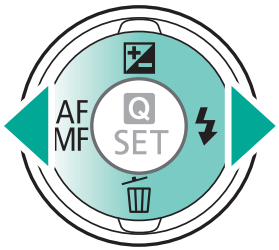
1

Set display to playback



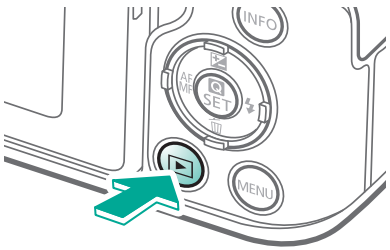
2

Browse your images

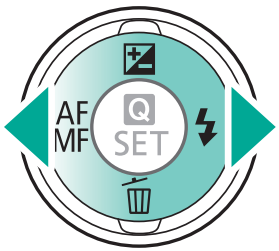


- ◀ button: Previous image
- ▶ button: Next image

1
Set display to playback



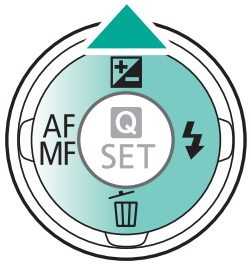
2
Browse your images



- ◀ button: Previous image
- ▶ button: Next image

- Movies are labeled with [▲ 🎞].

3
Play the movie

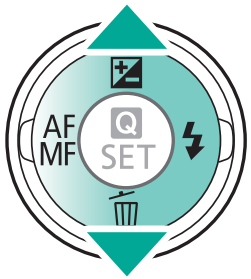


- ▲ button: Display movie playback panel

● ◀/▶ buttons → [▶]

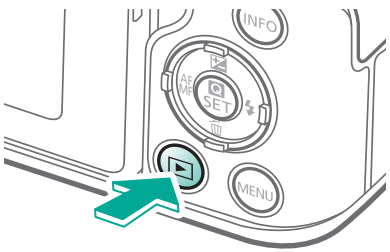
4

Adjust the volume



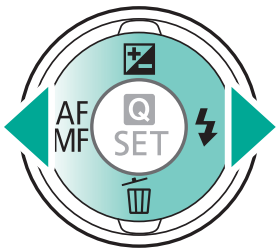
1

Set display to playback



2

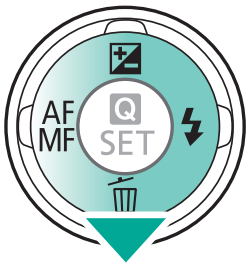
Browse your images

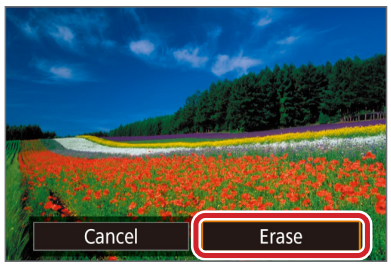


- ◀ button: Previous image
- ▶ button: Next image

3

Erase

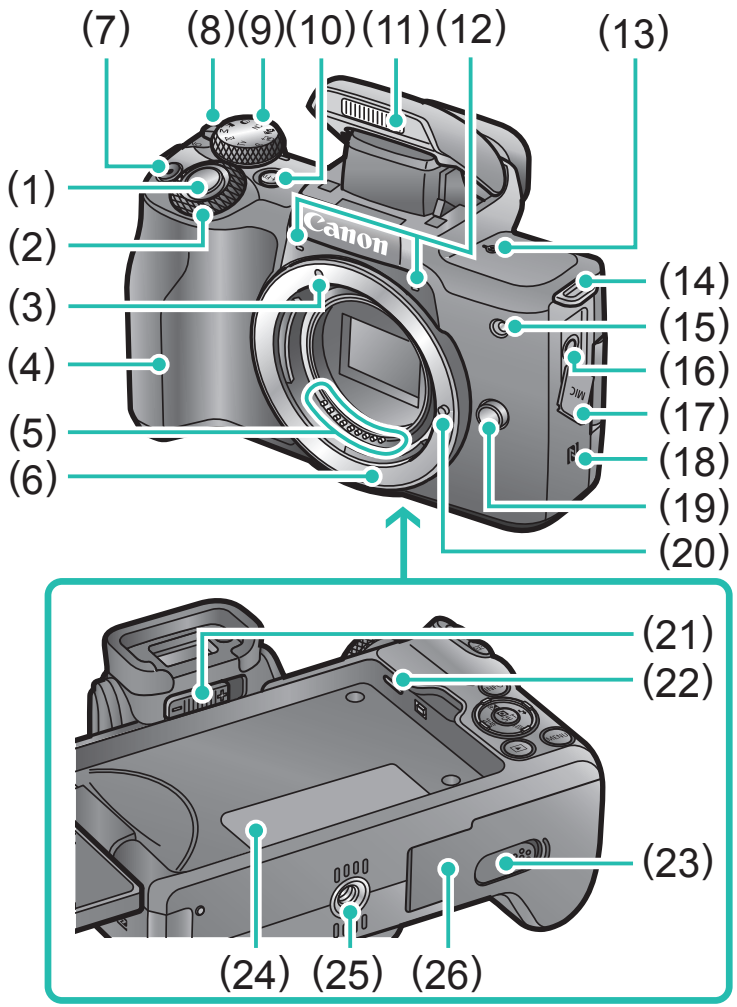




- ◀▶ buttons → [Erase]

Part Names

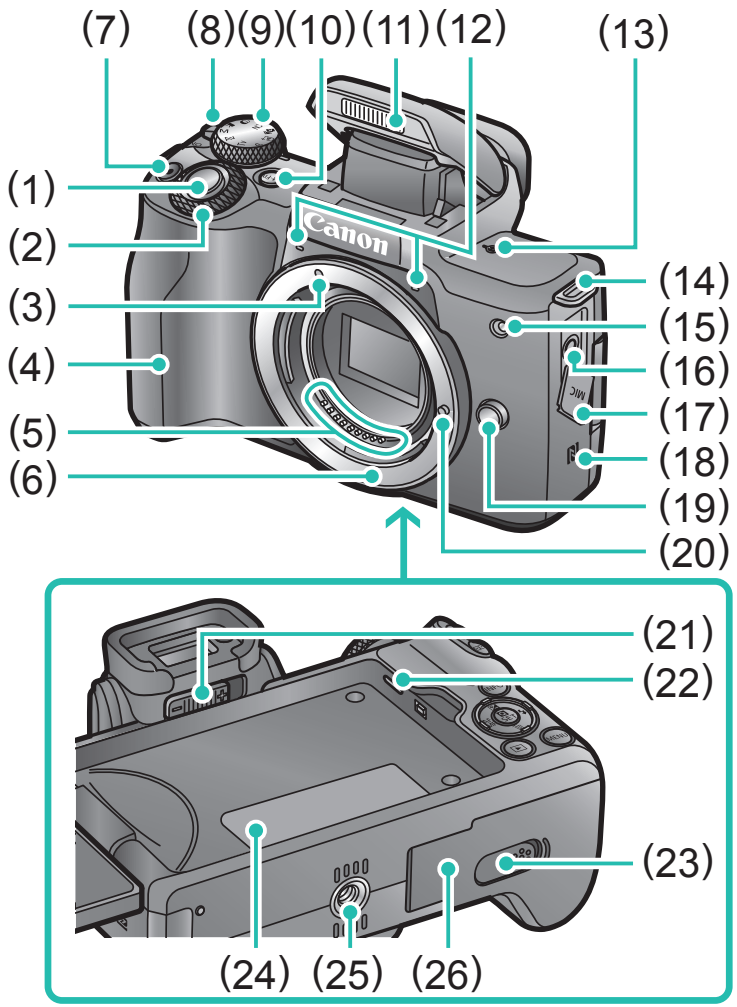
Front



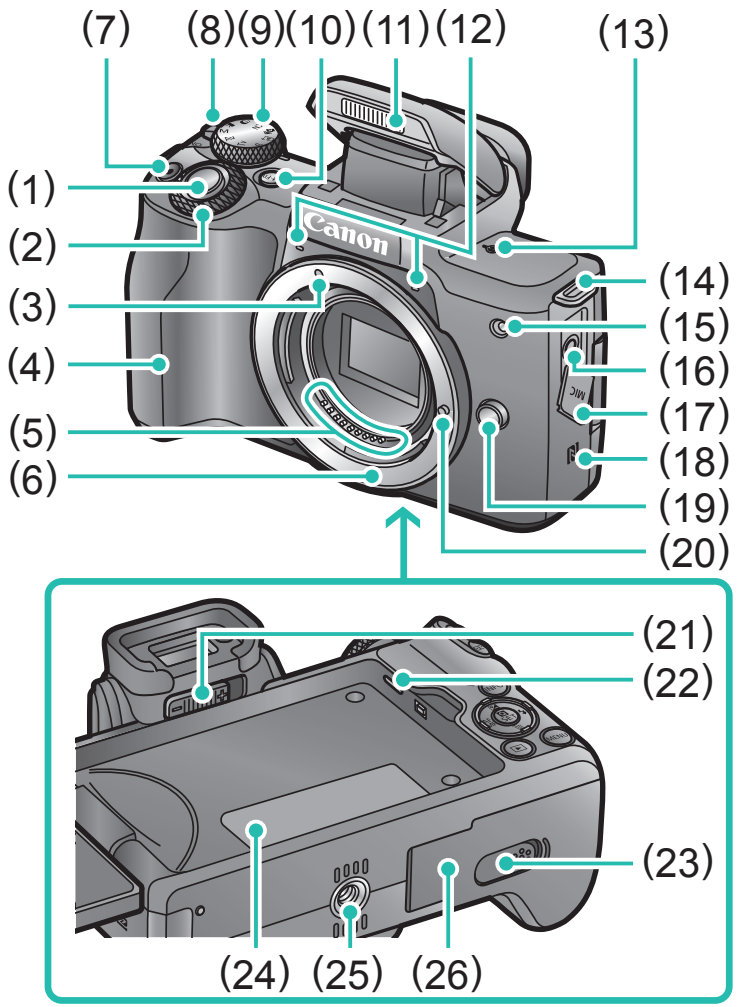
No.	Name	Symbol in This Manual
(1)	Shutter button	
(2)	Main dial	
(3)	EF-M lens mount index	
(4)	Grip	
(5)	Contacts	
(6)	Lens mount	
(7)	Movie button	
(8)	ON/OFF switch	
(9)	Mode dial	

Part Names

Front



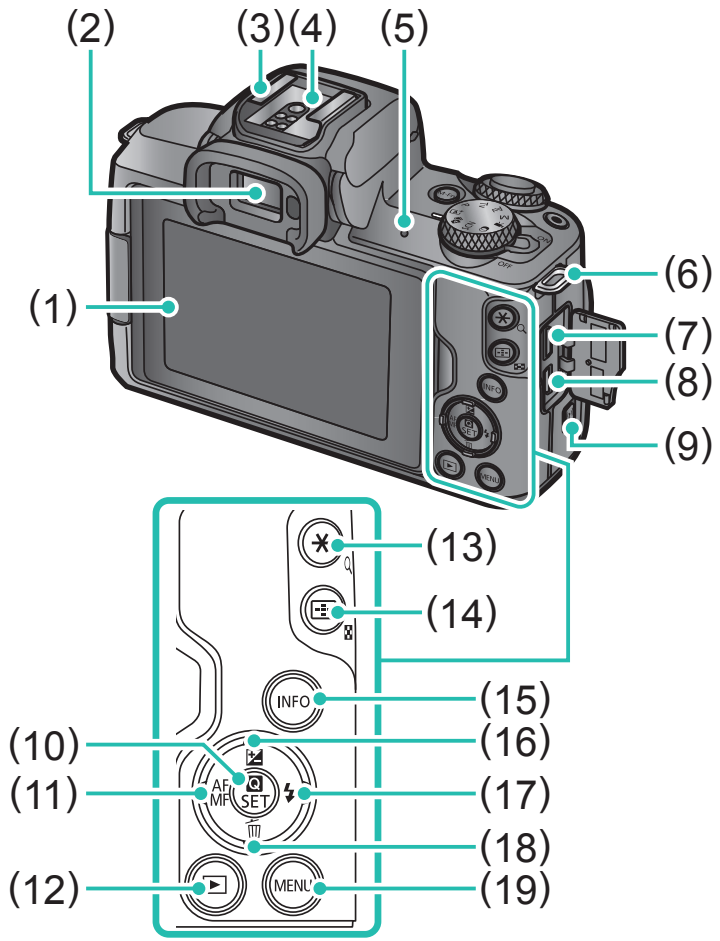
No.	Name	Symbol in This Manual
(10)	Multi-function button	M-Fn
(11)	Flash	
(12)	Microphone	
(13)	Focal plane mark	⊖
(14)	Strap mount	
(15)	Lamp	
(16)	External microphone IN terminal	
(17)	Terminal cover	
(18)	N-Mark	N



No.	Name	Symbol in This Manual
(19)	Lens release button	
(20)	Lens lock pin	
(21)	Dioptric adjustment knob	
(22)	Speaker	
(23)	DC coupler terminal cover	
(24)	Serial number (Body number)	
(25)	Tripod socket	
(26)	Memory card/battery cover	

Part Names

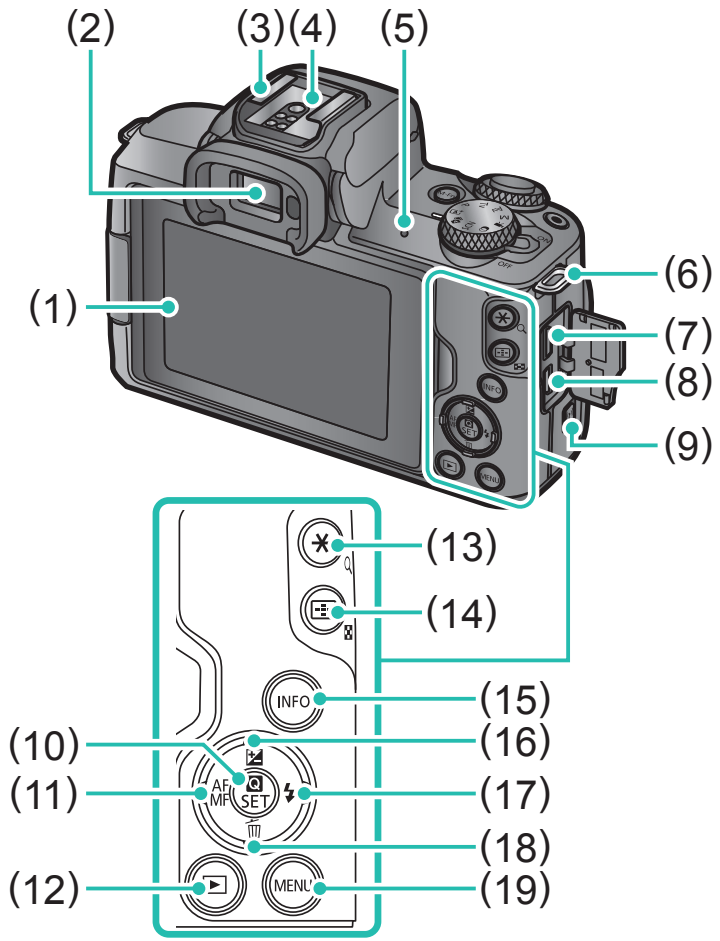
Back



No.	Name	Symbol in This Manual
(1)	Screen / Touch-screen panel	
(2)	Viewfinder	
(3)	Hot shoe	
(4)	Flash-sync contacts	
(5)	Indicator	
(6)	Strap mount	
(7)	Digital terminal	
(8)	HDMI™ terminal	
(9)	Wi-Fi button	((•))

Part Names

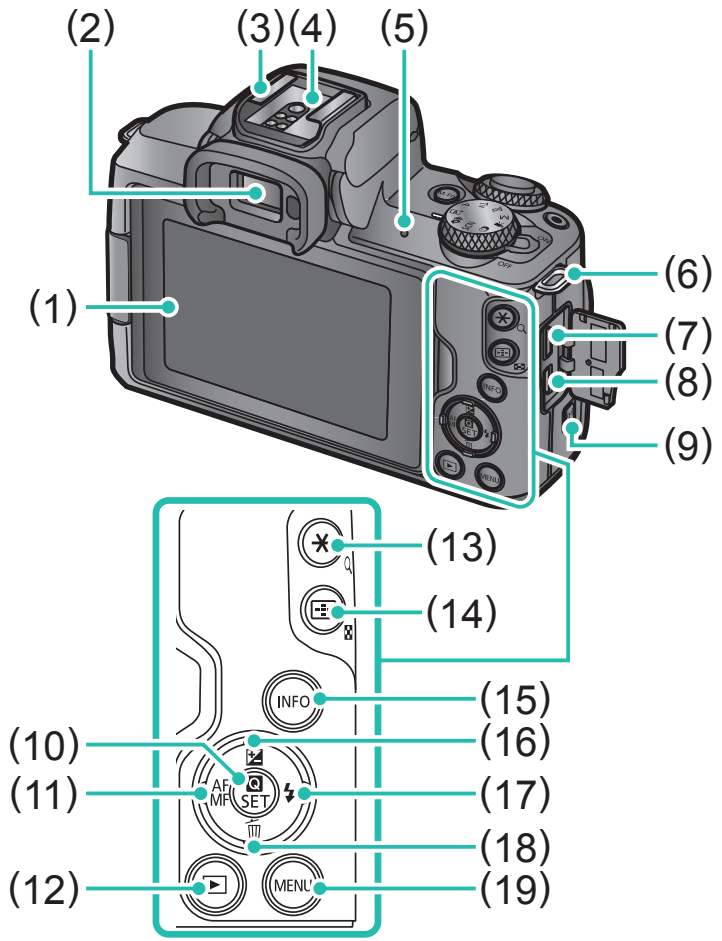
Back



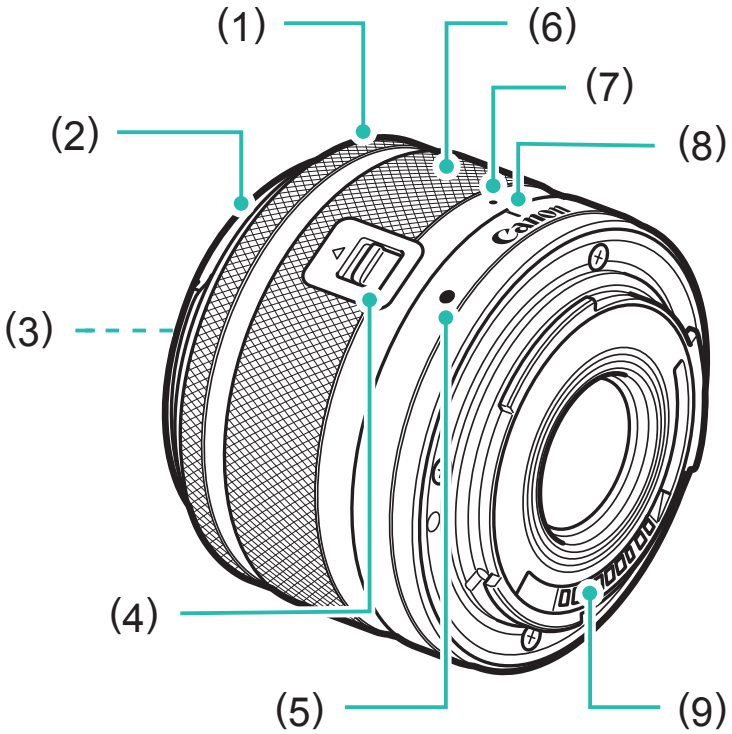
No.	Name	Symbol in This Manual
(10)	Quick Control / Set button	Q SET
(11)	Auto focus / Manual focus / Left button	◀
(12)	Playback button	▶
(13)	AE lock button Playback: Magnify	✳
(14)	AF point selection button Playback: Index	⊞
(15)	Information button	INFO
(16)	Exposure compensation / Up button	▲

Part Names

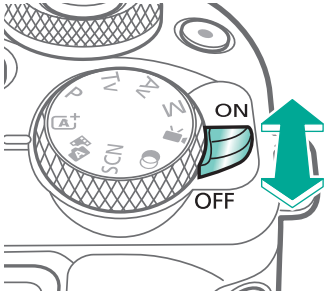
Back



No.	Name	Symbol in This Manual
(17)	Flash / Right button	▶
(18)	Single-image erase / Down button	▼
(19)	Menu button	MENU



No.	Name
(1)	Focusing ring
(2)	Hood mount
(3)	Filter-mounting thread
(4)	Lens retraction switch
(5)	Lens mount index
(6)	Zoom ring
(7)	Lens retraction index
(8)	Zoom position index
(9)	Contacts

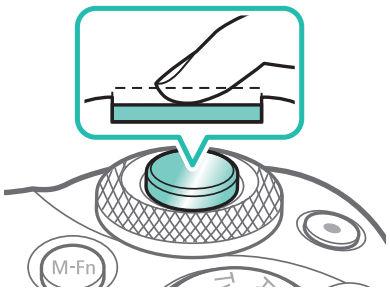


- Turn on: [ON]
- Turn off: [OFF]

Shutter Button

1

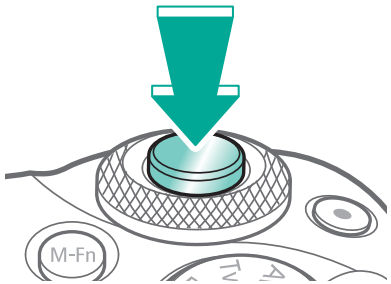
Press halfway (Press lightly to focus)



- The camera beeps twice.

2

Press all the way down (From the halfway position, press fully to shoot)



- The camera shoots.

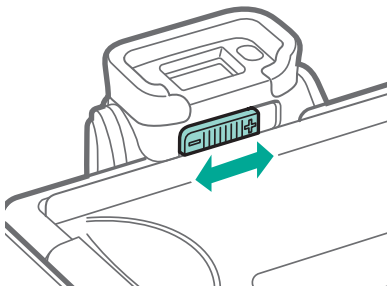
1

Switch display modes

- To use the viewfinder, activate it by holding it near your eye.

2

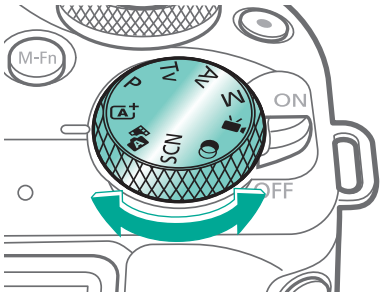
Adjust the diopter

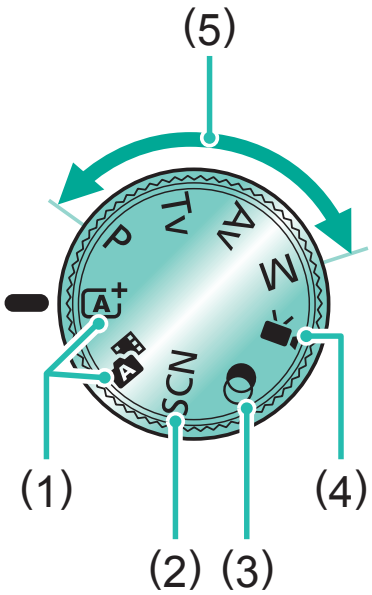


- Adjust it with the screen open.

Shooting Modes

Use the mode dial to access each shooting mode.

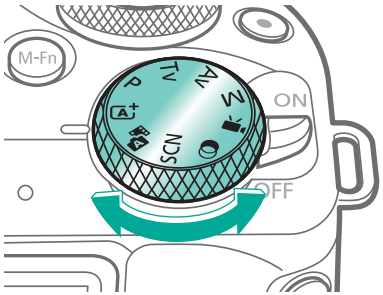


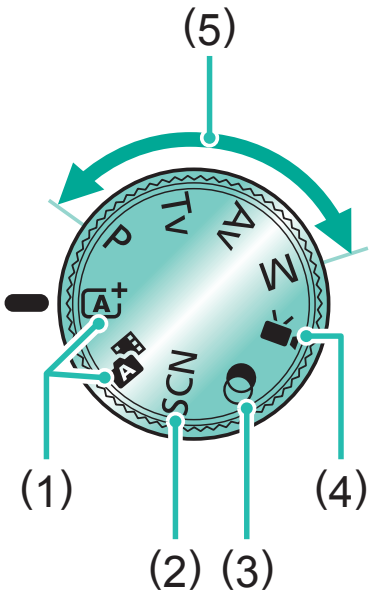


No.	Mode	Function	Symbol in This Manual
(1)	Scene Intelligent Auto Mode / Hybrid Auto Mode	Fully automatic shooting, with camera-determined settings.	
(2)	Special Scene Mode	Shooting with optimal settings for specific scenes.	SCN
(3)	Creative Filters Mode	Shooting with a variety of added effects.	

Shooting Modes

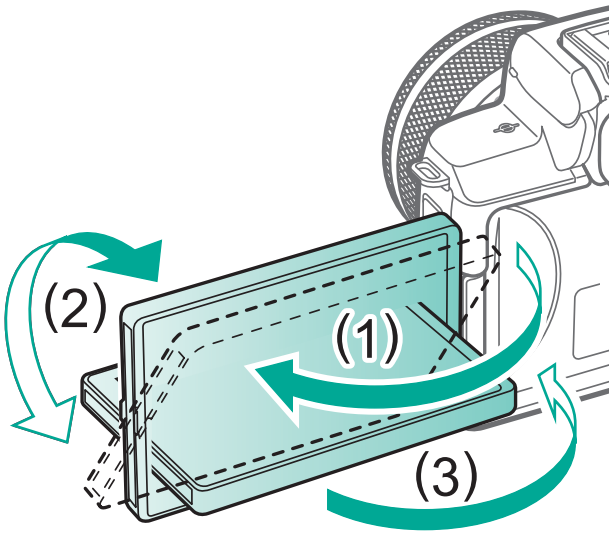
Use the mode dial to access each shooting mode.





No.	Mode	Function	Symbol in This Manual
(4)	Movie Recording Mode	For movie recording.	
(5)	P, Tv, Av, and M Modes	Shooting a variety of ways, with your preferred settings.	P/Tv/ Av/M

Adjusting the Screen Angle



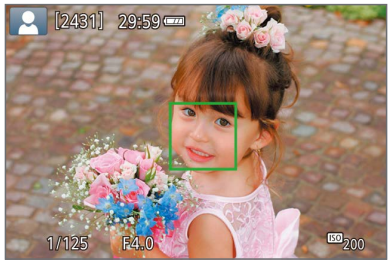
- Toward (1): The screen opens to about 180°.
- Toward (2): The screen swivels about 180°.
- (3): Tilt the screen toward the front to close it.

Frames on the Shooting Screen

White frame

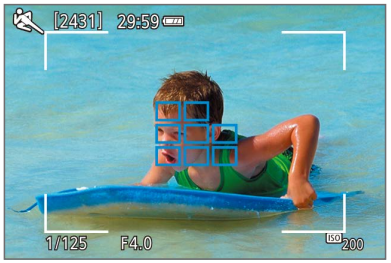
- Displayed around the subject or person's face detected as the main subject.

Green frame



- Displayed after the camera focuses when you press the shutter button halfway.

Blue frame



- Displayed as the camera continues to focus on moving subjects. Displayed as long as you press the shutter button halfway.

Orange frame

- Displayed if the camera cannot focus when you press the shutter button halfway.

Shooting Display Options

Shooting information 1

Shooting information 2

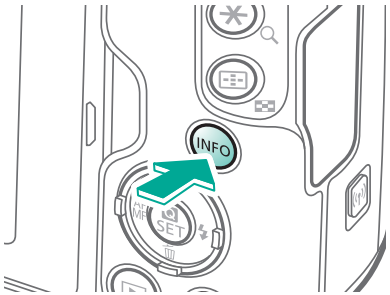
Histogram

No information display

INFO. Quick Control screen

1

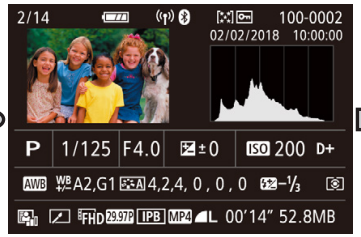
Switch display modes



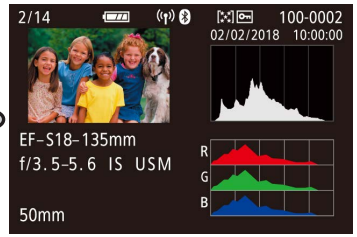
Playback Display Options

No information display

Information display 1 (summary)



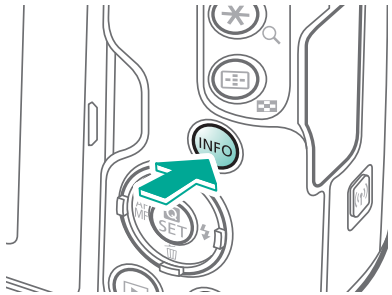
Information display 2 (details)



Information display 3 (details)

1

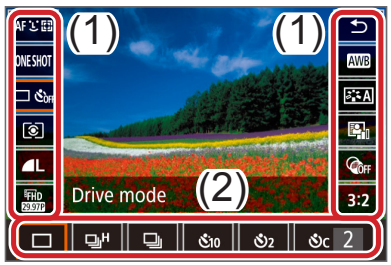
Switch the display modes



Using the Quick Control Screen

1

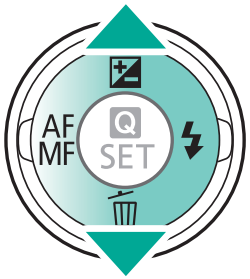
Access the setting screen



- (1) Setting items
- (2) Setting options

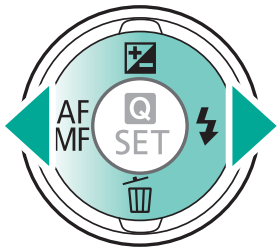
2

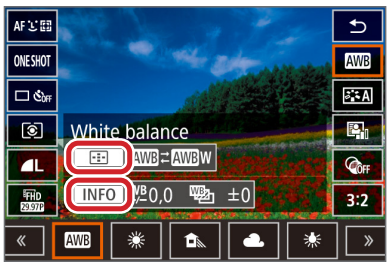
Choose the setting item



3

Choose the setting option



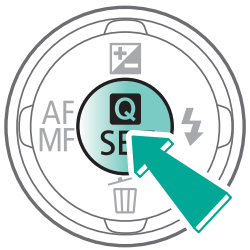


- To set items labeled [INFO], press the INFO button.
- To set items labeled [⊞], press the ⊞ button.

- To set items labeled [⚙], turn the ⚙ dial.

4

Confirm your choice and exit

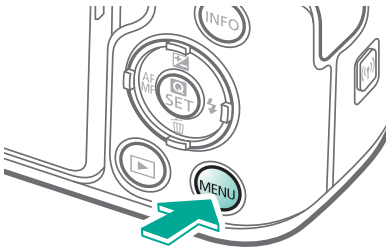


Using the Menu Screen

(When set to [📷] → [Menu display] → [Guided])

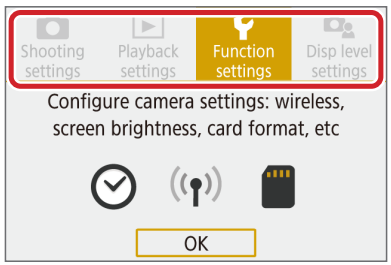
1

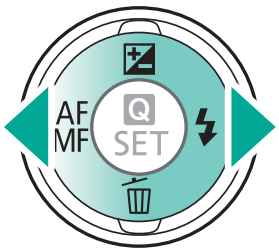
Access the menu screen

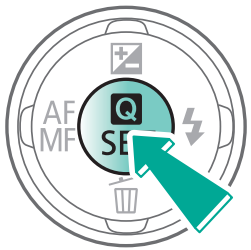


2

Choose a main tab

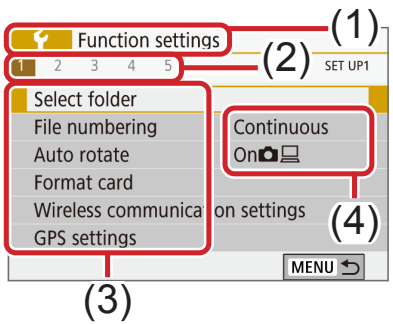






Using the Menu Screen

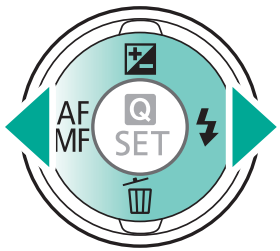
(When set to [📷] → [Menu display] → [Guided])



- (1) Main tab
- (2) Sub-tab
- (3) Setting items
- (4) Setting options

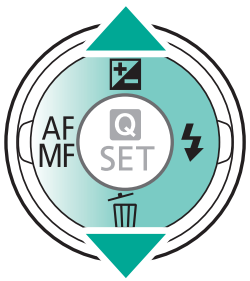
3

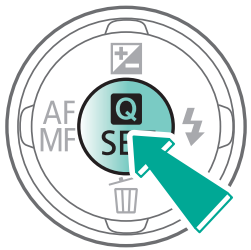
Choose a sub-tab



4

Choose the setting item





- Some items are selected with the ▲/▼ buttons on a different screen, after you press the (Q SET) button initially.

Using the Menu Screen

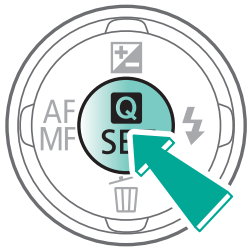
(When set to [📷] → [Menu display] → [Guided])

5

Choose the setting option

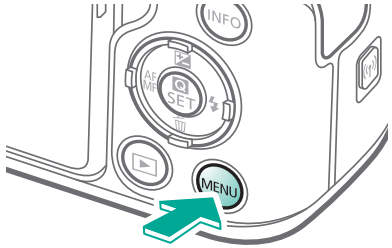
6

Confirm your choice and exit



7

Return to the shooting screen



- Press the **MENU** button to return to the screen in step 2, and press it again to return to the shooting screen.

Entering Characters

Entering characters

- Touch a character to enter it.

Moving the cursor

- Touch [◁]/[▷].

Switching input modes

- [⇧]: Switch to uppercase
- [#]: Switch to numbers or symbols

Deleting characters

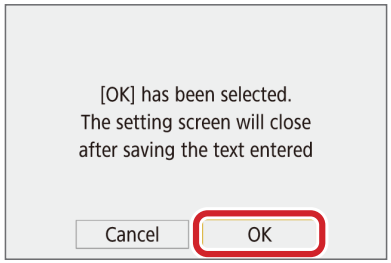
- Touch [⌫].

Entering Characters

Entering line breaks

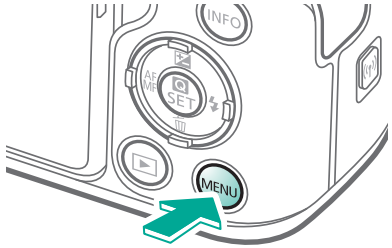
- Touch [↵].

Confirming input



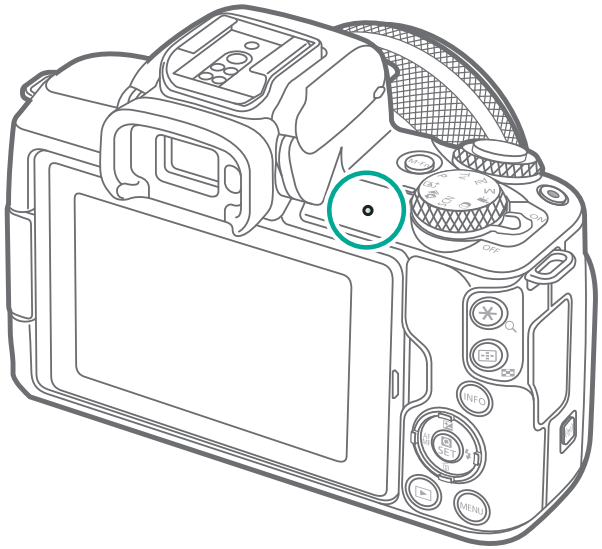
- Touch [MENU], and then touch [OK].

Returning to the previous screen

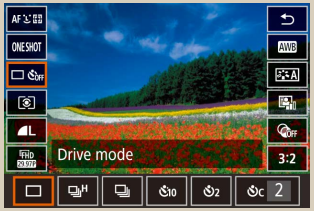


Indicator Display

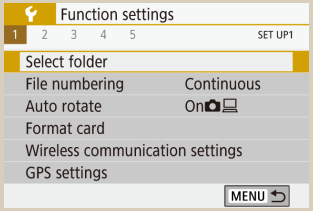
Indicator display varies depending on the camera status.



Color	Status	Camera Status
Green	On	● Recording stills to the memory card, or reading stills from the card
	Slow blinking	● Connected to a computer ● Display off
	Blinking	● Recording movies to the memory card, or reading movies from the card ● Transmitting via Wi-Fi



Quick Control Screen



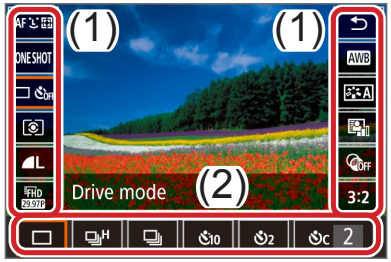
MENU

Playback

Accessing the setting screen

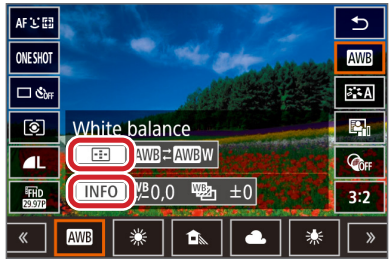
- Touch [Q].

Setting up the camera



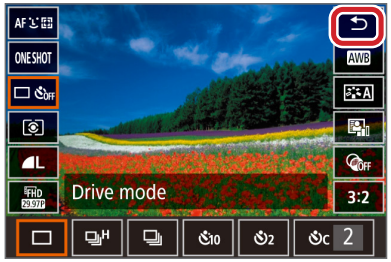
- Touch a setting item (1) → option (2).

Switching screens



- For items labeled [INFO], touch [INFO].
- For items labeled [MENU], touch [MENU].
- For items labeled [▦], touch [▦].

Returning to the previous screen

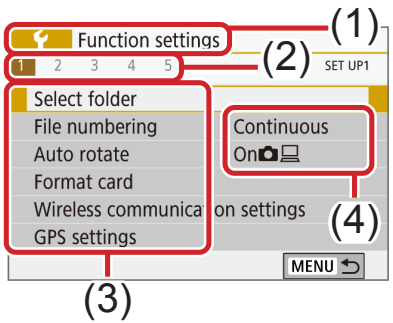


- Touch [↩].

Adjusting amounts on bars

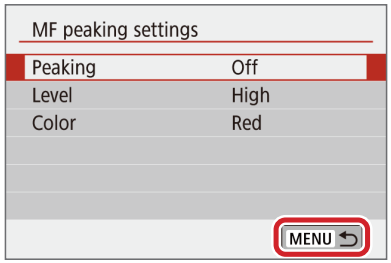
- Touch or drag the bar.

Setting up the camera



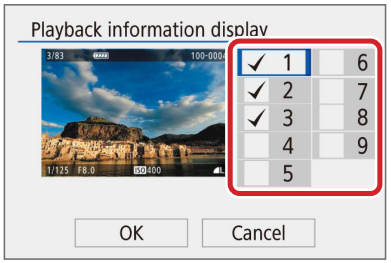
- Touch a main tab (1) → sub tab (2) → setting item (3) → option (4).

Returning to the previous screen



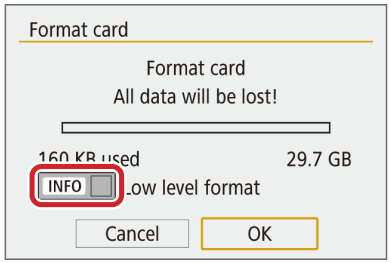
- Touch [MENU].

Adding/removing check marks



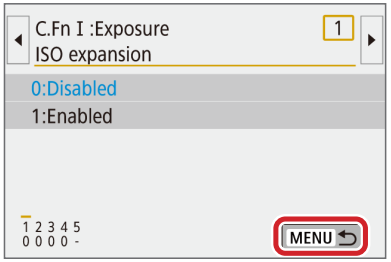
- Touch a check box.

Instead of pressing the INFO button



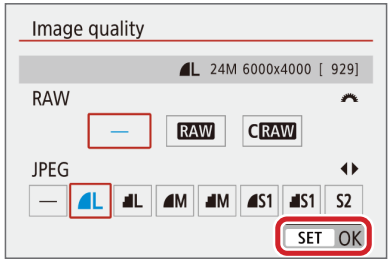
- Touch [INFO].

Instead of pressing the **MENU** button



- Touch [**MENU**].

Instead of pressing the Q SET button



- Touch [**SET**].

Viewing images individually

- Next image: Drag left
- Previous image: Drag right

Playing movies

- Play: Touch [▶]

Operations during movies

- Stop: Touch the screen
- Resume: Touch [▶]
- Adjust volume: Touch [🔊]

Switching to index display

Displaying fewer images

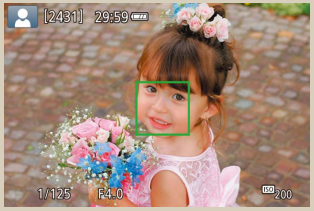
Magnifying images

- Quickly touch twice.

Reducing magnified images

- Restore original size:
  Touch [↩]

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		



Shooting Stills (Scene Intelligent Auto)

Recording Movies (Scene Intelligent Auto)

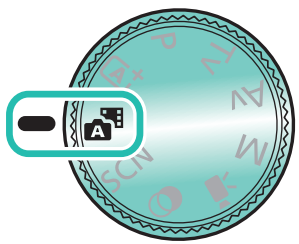
Hybrid Auto Mode

Hybrid Auto Mode

You can make a short movie of the day just by shooting stills. The camera records 2 – 4-second clips of scenes before each shot, which are later combined in a digest movie.

1

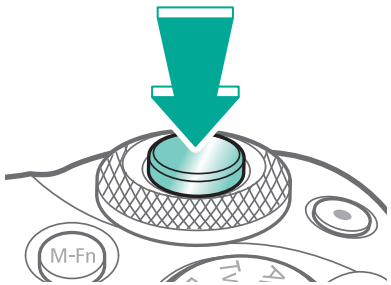
Set the shooting mode



- mode → Q SET button

2

Compose the shot and shoot



Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Self Portrait

Portrait

Smooth skin

Landscape

Sports

Close-up

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Food

Panning

Handheld Night Scene

HDR Backlight Control

Silent Mode

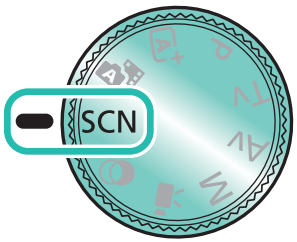
Specific Scenes (Special Scene)

Portrait

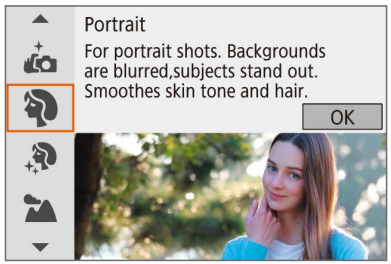
Capture subjects that stand out against a blurred background, with smooth skin tone and soft-looking hair.

1

Set the shooting mode



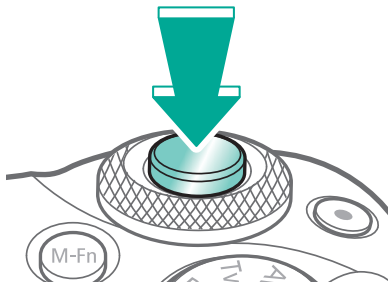
- **SCN** mode → Q SET button



- ▲/▼ buttons → [Portrait] → Q SET button

2

Shoot



Specific Scenes (Special Scene)

Self Portrait

For self-portraits, customizable image processing includes skin smoothing as well as brightness and background adjustment to make yourself stand out.

Smooth skin

Processes images to make skin look smoother.

Landscape

Capture wide-open landscapes or similar scenery in sharp focus from near to far, with blue skies and greenery reproduced vividly.

Specific Scenes (Special Scene)

Sports

Shoot continuously as the camera keeps moving subjects in focus.

Close-up

Take close-ups of flowers or other small objects to show them enlarged in your shots.

Food

Adjust color tones to make food look fresh and vibrant.

Specific Scenes (Special Scene)

Handheld Night Scene

Take beautiful shots of evening scenes or portraits with evening scenery in the background.

HDR Backlight Control

Three consecutive images are captured at different brightness levels each time you shoot, and the camera combines image areas with optimal brightness to create a single image. This mode can reduce the washed-out highlights and loss of detail in shadows that tend to occur in shots with mixed bright and dark image areas.

Silent Mode

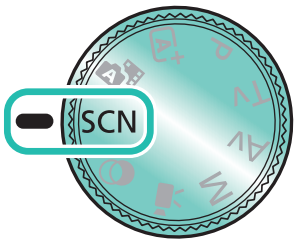
Shoot quiet scenes without making shutter sounds or other operating sounds.

Capturing Subjects Against Flowing Backgrounds

Panning

By panning, you can blur the background to convey a sense of speed.
Attach a lens compatible with [Panning] mode to reduce subject blurring and keep subjects clear and sharp.

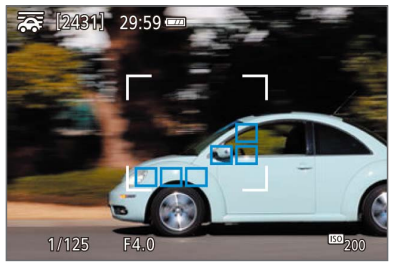
1 Set the shooting mode



- **SCN** mode → Q SET button

- ▲/▼ buttons → [Panning] → Q SET button

2 Shoot



- Before shooting, press the shutter button halfway as you move the camera so that it follows the subject.

Capturing Subjects Against Flowing Backgrounds

Panning

By panning, you can blur the background to convey a sense of speed.
Attach a lens compatible with [] mode to reduce subject blurring and keep subjects clear and sharp.

- Keep the moving subject in the frame displayed, and press the shutter button all the way down.
- Even after you have pressed the shutter button fully, continue moving the camera to follow the subject.

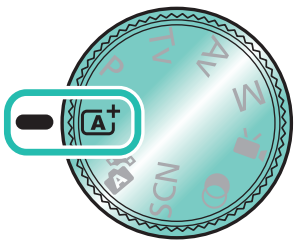
Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Shooting with Your Favorite Effects

Shooting with Your Favorite Effects

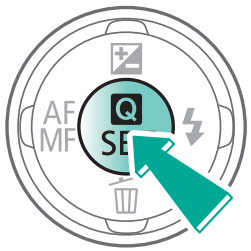
Shoot with your preferred effects in mode by adjusting background blur, brightness, or other options.
Easy to set up, by choosing from presets saved on the camera.

1 Set the shooting mode



- mode → button

2 Access the setting screen



- buttons → button

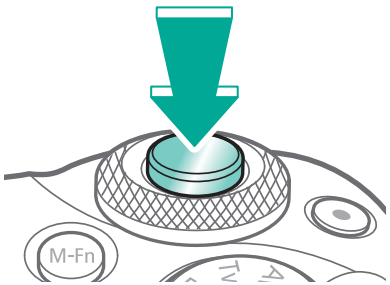
3 Choose the setting item

- buttons → button

Shoot with your preferred effects in mode by adjusting background blur, brightness, or other options.
Easy to set up, by choosing from presets saved on the camera.

4

Shoot



Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Grainy B/W

Soft focus

Fish-eye effect

Water painting effect

Toy camera effect

Miniature effect

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

HDR art standard

HDR art vivid

HDR art bold

HDR art embossed

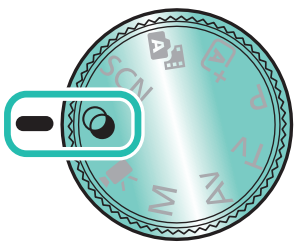
Image Effects (Creative Filters)

Grainy B/W

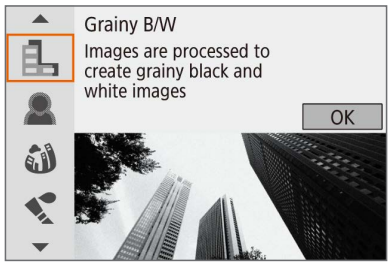
Take monochrome pictures with a gritty, rough feeling.

1

Set the shooting mode



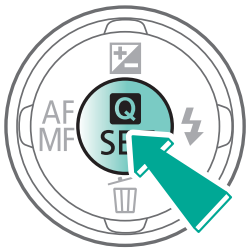
● mode → Q SET button



● ▲/▼ buttons → [ ] → Q SET button

2

Adjust the effect level



Grainy B/W

Take monochrome pictures with a gritty, rough feeling.

- ▲/▼ buttons → [Filter effect level] → ◀/▶ buttons → (SET) button

3

Shoot

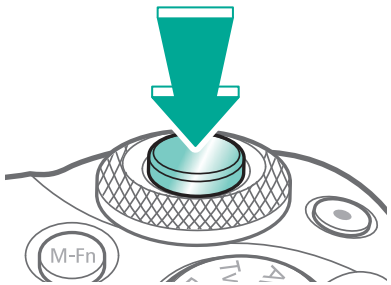


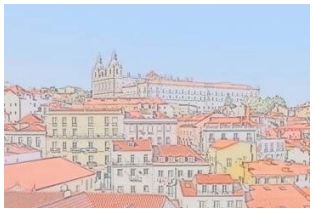
Image Effects (Creative Filters)

Soft focus

Shoot images as if a soft focus filter were attached to the camera.

Fish-eye effect

Shoot with the distorting effect of a fish-eye lens.



Water painting effect

Soften colors, for photos resembling watercolor paintings.

Image Effects (Creative Filters)

Toy camera effect

Shoot images resemble shots from a toy camera, with vignetting (darker, blurred image corners) and modified color overall.

HDR art standard

Add an effect to make shots resemble low-contrast paintings with flat tones.

HDR art vivid

Add an effect to make shots resemble vivid illustrations.

Image Effects (Creative Filters)

HDR art bold

Add an effect to make shots resemble oil paintings, with bold edges.

HDR art embossed

Add an effect to make shots resemble old, faded photos with bold edges and dark ambiance.

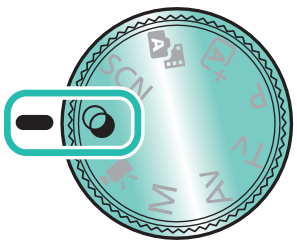
Creative Filters (Miniature Effect)

Miniature effect

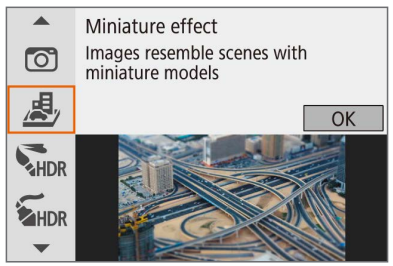
Creates the effect of a miniature model, by blurring image areas outside a selected area.

1

Set the shooting mode



- mode → (SET) button



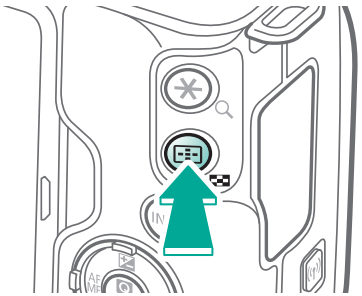
- ▲/▼ buttons → [Miniature effect] → (SET) button

Miniature effect

Creates the effect of a miniature model, by blurring image areas outside a selected area.

2

Choose the position to keep in focus and the area not to blur



- Move the frame:
  button → ▲/▼ buttons

Creative Filters (Miniature Effect)

Miniature effect

Creates the effect of a miniature model, by blurring image areas outside a selected area.

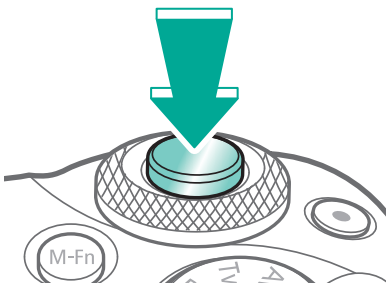
- Move the AF point:
  button → ▲/▼/◀/▶ buttons

3

Return to the shooting screen

4

Shoot



Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Setting Up Shooting from a Single Screen

Image Brightness

Image Features

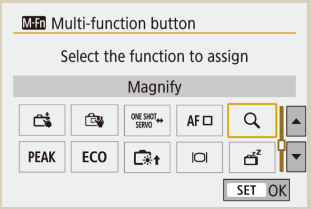
Focusing

Changing the IS Mode Settings

Flash

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Specific Shutter Speeds and Apertures



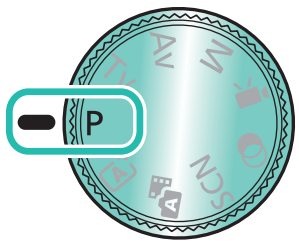
Customizing the Camera

Setting Up Shooting from a Single Screen

The INFO. Quick Control screen provides convenient, single-screen access to a variety of shooting settings.

1

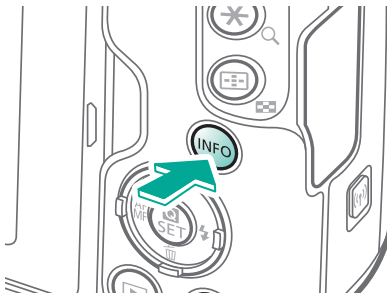
Set the shooting mode



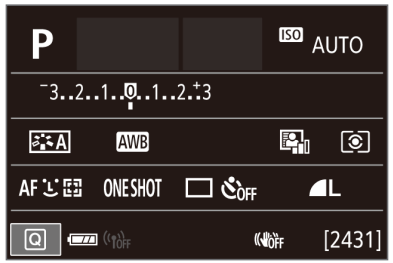
- **P** mode → Q SET button

2

Access the INFO. Quick Control screen



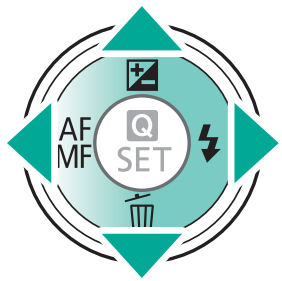
- Press the **INFO** button a few times.



- Q SET button

3

Choose a function

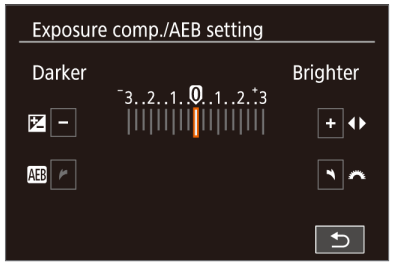


Setting Up Shooting from a Single Screen

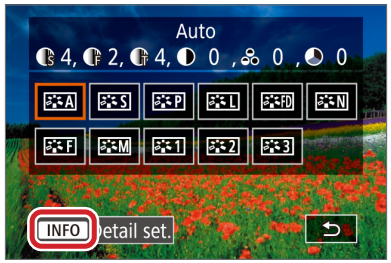
The INFO. Quick Control screen provides convenient, single-screen access to a variety of shooting settings.

4

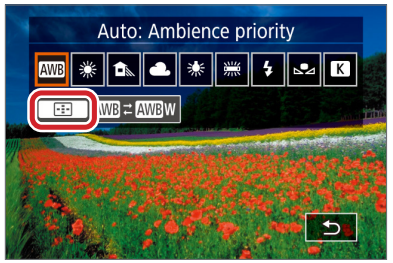
Set up the camera



- buttons or dial to adjust



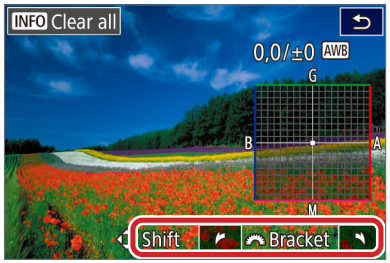
- buttons or INFO button to adjust



- buttons or button to adjust

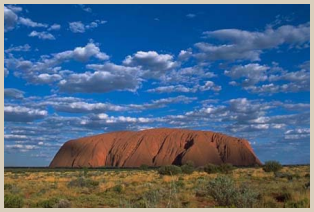
Setting Up Shooting from a Single Screen

The INFO. Quick Control screen provides convenient, single-screen access to a variety of shooting settings.



- ▲/▼/◀/▶ buttons or dial to adjust

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

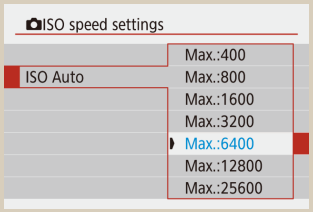


Adjusting Image Brightness (Exposure Compensation)

Auto Exposure Bracketing (AEB Shooting)

Locking Image Brightness / Exposure (AE Lock)

Changing the ISO Speed



Adjusting ISO Auto Settings

Changing the Metering Method

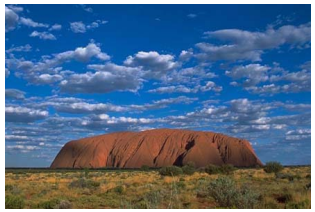
Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Auto Correction of Brightness and Contrast (Auto Lighting Optimizer)

Shooting Bright Subjects (Highlight Tone Priority)

Deactivating Exposure Simulation

Adjusting Image Brightness (Exposure Compensation)



Set toward −

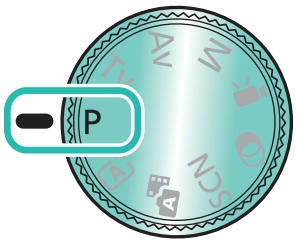
±0

Set toward +

Standard exposure is adjustable in 1/3-stop increments, in a range of −3 to +3.

1

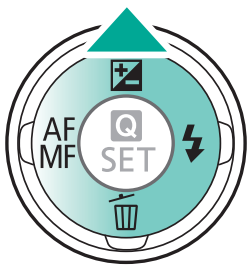
Set the shooting mode



- **P** mode → Q SET button

2

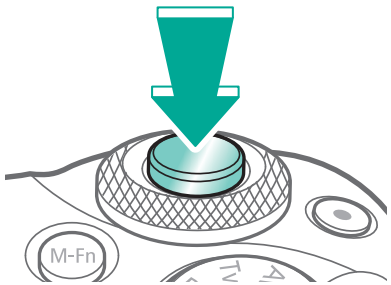
Set up the camera



- dial

3

Compose the shot and shoot



Auto Exposure Bracketing (AEB Shooting)

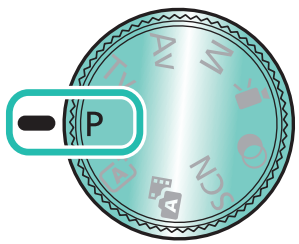
Underexposure

Overexposure

Three images are captured at different exposure levels each time you shoot. Bracketing width is adjustable in 1/3-stop increments in a range of ±2 stops, centered on the exposure compensation level.

1

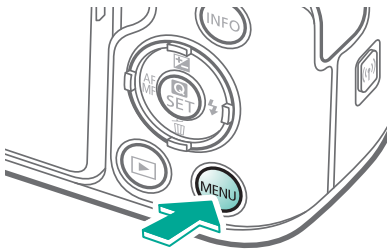
Set the shooting mode



- **P** mode → (SET) button

2

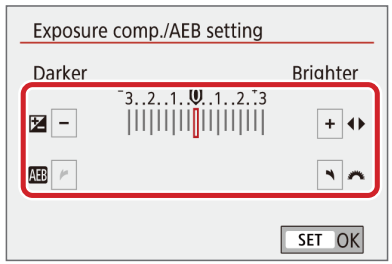
Access the menu screen



- **MENU** button → [📷] → (SET) button

3

Set up the camera



- [📷2] → [Expo. comp./AEB]
- Exposure compensation: ◀/▶ buttons
  AEB: dial

Locking Image Brightness / Exposure (AE Lock)

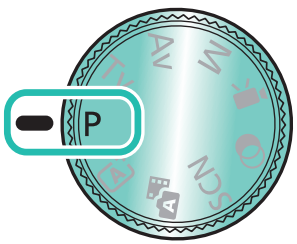
Without AE lock

AE lock

Before shooting, you can lock the exposure, or you can specify focus and exposure separately.

1

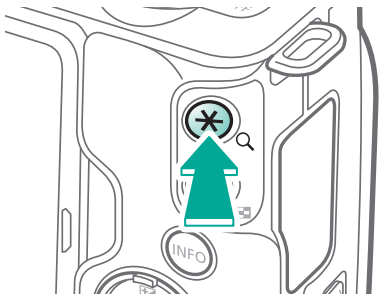
Set the shooting mode



- **P** mode → Q SET button

2

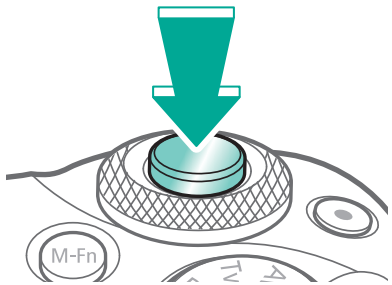
Lock the exposure



- [✳] is displayed, and the exposure is locked.

3

Compose the shot and shoot



Changing the ISO Speed

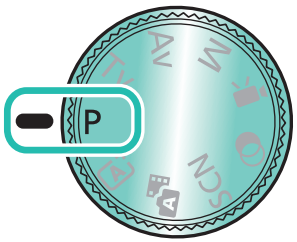
Low

High

Choose [AUTO] to have the ISO speed set automatically to match the shooting mode and scene, or adjust the ISO speed manually to suit how you are shooting. Higher values increase ISO speed while lower values decrease it.

1

Set the shooting mode



- **P** mode → (Q SET) button

2

Access the ISO speed bar

- Touch [ISO AUTO].

3

Set up the camera

- ◀/▶ buttons

Adjusting ISO Auto Settings

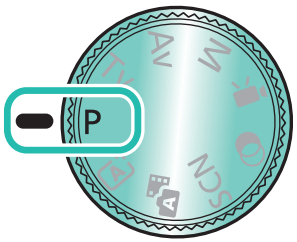
Maximum set low

Maximum set high

You can limit the maximum ISO speed set automatically.

1

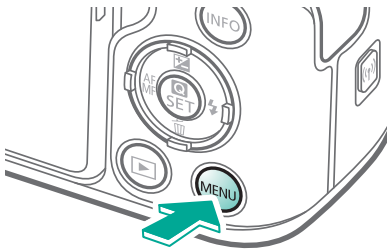
Set the shooting mode



- **P** mode → (SET) button

2

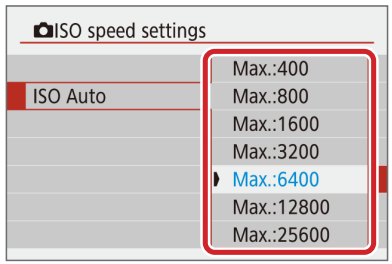
Access the menu screen



- **MENU** button → [📷] → (SET) button

3

Set up the camera



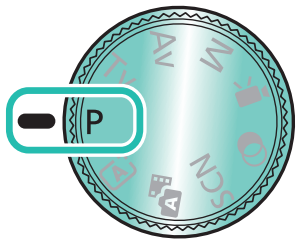
- [📷2] → [📷 ISO speed settings] → [ISO Auto] → choose an option

Changing the Metering Method

Choose how the camera determines brightness.

1

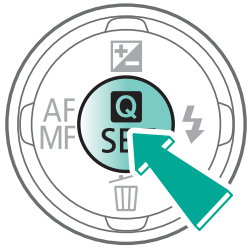
Set the shooting mode



- **P** mode → Q SET button

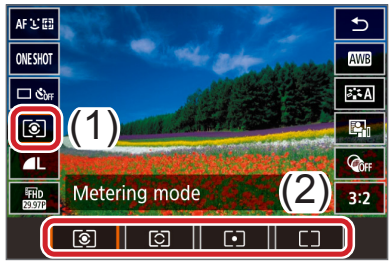
2

Access the setting screen



3

Set up the camera



- [ ] → choose an option

Auto Correction of Brightness and Contrast (Auto Lighting Optimizer)

Disable

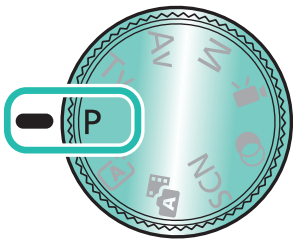
Low

Standard

High

1

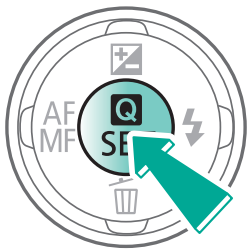
Set the shooting mode



- **P** mode → Q SET button

2

Access the setting screen



3

Set up the camera

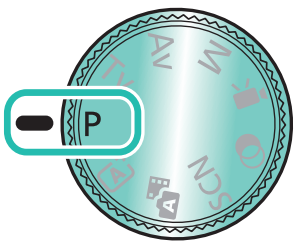
- [ ] → choose an option

Shooting Bright Subjects (Highlight Tone Priority)

Improve gradation in bright image areas to avoid loss of detail in subject highlights.

1

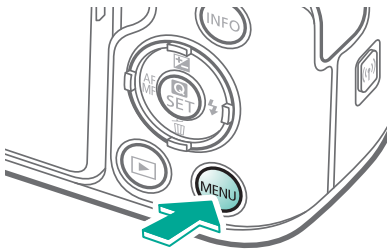
Set the shooting mode



- **P** mode → (SET) button

2

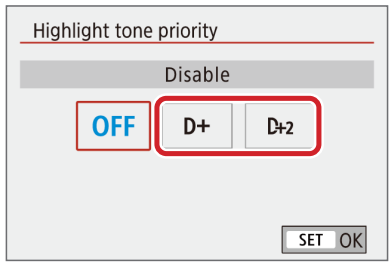
Access the menu screen



- **MENU** button → [📷] → (SET) button

3

Set up the camera



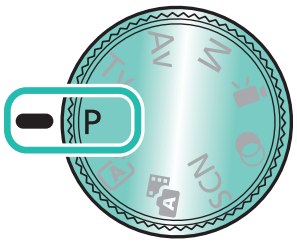
- [📷2] → [Highlight tone priority] → choose an option

Deactivating Exposure Simulation

Images are displayed at a brightness simulating the actual brightness as captured. For this reason, screen brightness is also adjusted in response to changes in exposure compensation. This feature can be disabled to keep the screen at a brightness convenient for shooting, unaffected by exposure compensation.

1

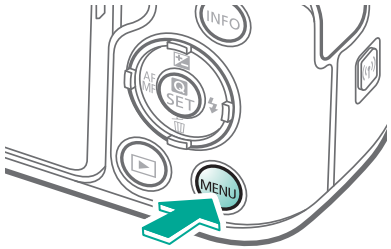
Set the shooting mode



- **P** mode → (SET) button

2

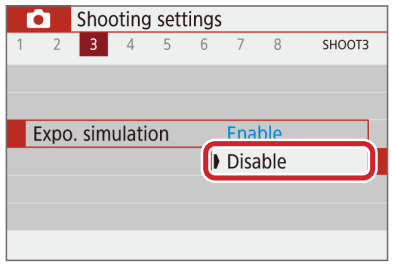
Access the menu screen



- **MENU** button → [📷] → (SET) button

3

Set up the camera



- [📷3] → [Expo. simulation] → [Disable]

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

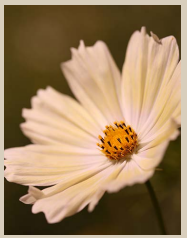
Choosing Color Tones (Picture Style)

Customizing Picture Styles

Saving Customized Picture Styles

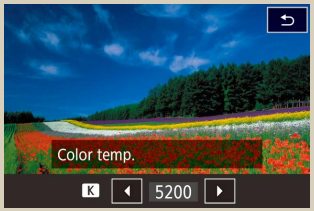
Capturing Natural Colors (White Balance)

Custom White Balance



Manually Correcting White Balance

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		



Manually Setting White Balance Color Temperature

Correcting Lens Aberrations

Reducing Noise in High-ISO Shooting

Using Multi Shot Noise Reduction

Reducing Noise at Slow Shutter Speeds

Choosing Color Tones (Picture Style)

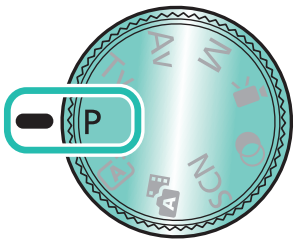
Standard

Landscape

Choose color settings that express scenes or subjects well.

1

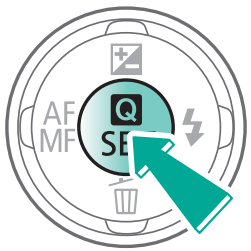
Set the shooting mode



- **P** mode → Q SET button

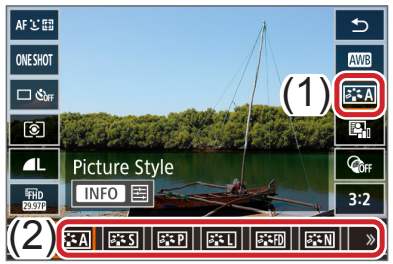
2

Access the setting screen



3

Set up the camera



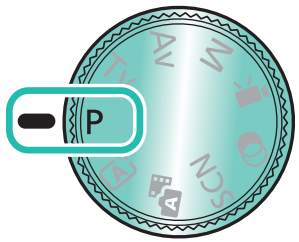
- A → choose an option

Customizing Picture Styles

Customize parameters of Picture Styles, such as contrast or saturation.

1

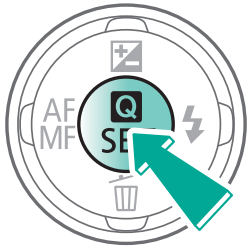
Set the shooting mode



- **P** mode → Q SET button

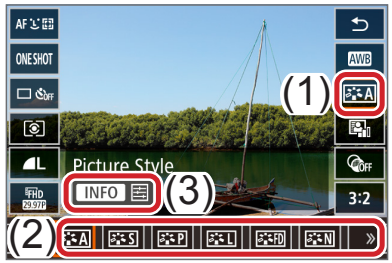
2

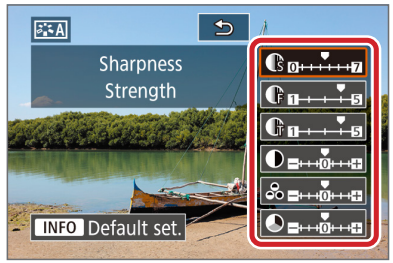
Access the setting screen



3

Set up the camera





- [Picture Style A] → choose an option → INFO button

Customize parameters of Picture Styles, such as contrast or saturation.

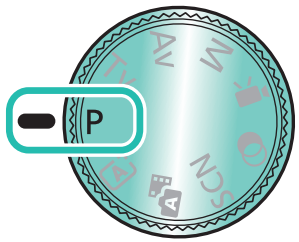
- Choose an item:
  ▲/▼ buttons
- Customize:
  ◀/▶ buttons

Saving Customized Picture Styles

Save presets (such as [P] or [L]) that you have customized as new styles. You can create several Picture Styles with different settings for parameters such as sharpness or contrast.

1

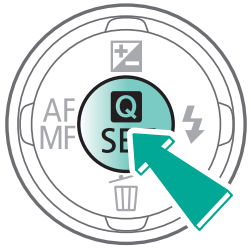
Set the shooting mode



- **P** mode → Q SET button

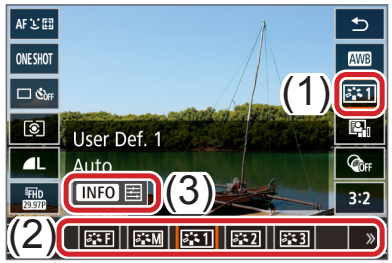
2

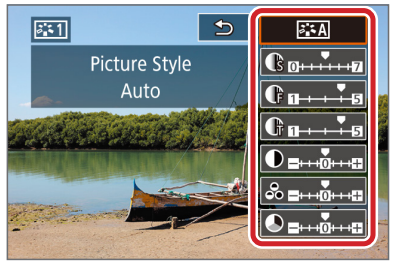
Access the setting screen



3

Set up the camera





- [A] → choose a user-defined style no. → **INFO** button

Saving Customized Picture Styles

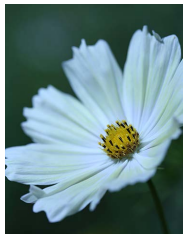
Save presets (such as [P] or [L]) that you have customized as new styles. You can create several Picture Styles with different settings for parameters such as sharpness or contrast.

- Choose an item:
  ▲/▼ buttons
- Customize:
  ◀/▶ buttons

Capturing Natural Colors (White Balance)

Daylight

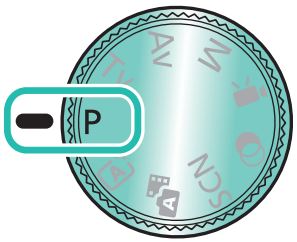
Cloudy


Tungsten light

By adjusting white balance (WB), you can make image colors look more natural for the scene you are shooting.

1

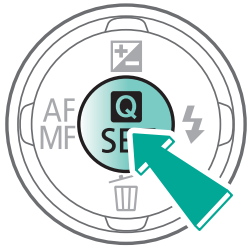
Set the shooting mode



- **P** mode → Q SET button

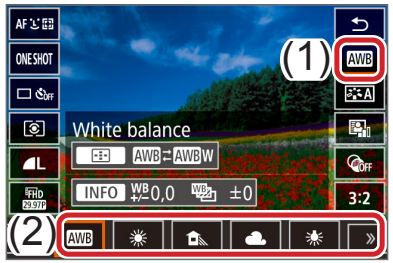
2

Access the setting screen



3

Set up the camera



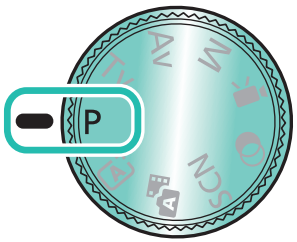
- [AWB] → choose an option

Custom White Balance

Loading white

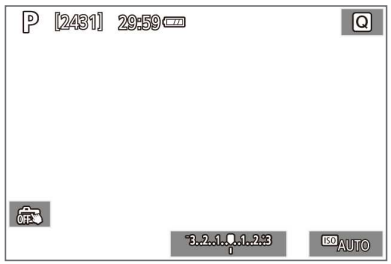
For image colors that look natural under the light in your shot, adjust white balance to suit the light source where you are shooting. Set the white balance under the same light source that will illuminate your shot.

1 Set the shooting mode

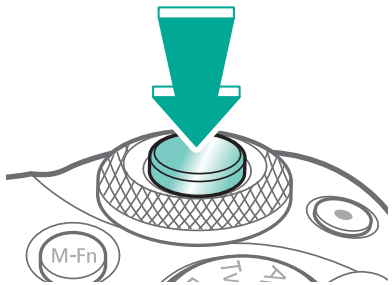


- **P** mode → Q SET button

2 Shoot a white object

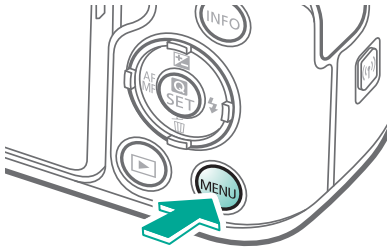


- Use a plain white object that fills the screen.



- Focus and shoot.

3 Access the menu screen



- **MENU** button → [📷] → Q SET button

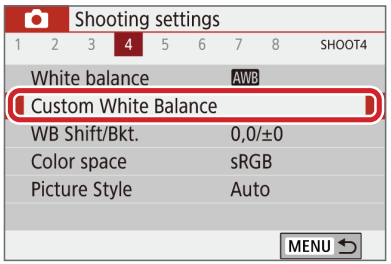
Custom White Balance

Loading white

For image colors that look natural under the light in your shot, adjust white balance to suit the light source where you are shooting. Set the white balance under the same light source that will illuminate your shot.

4

Load the white data

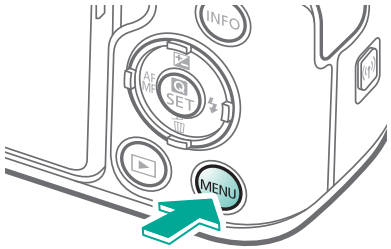


- [4] → [Custom White Balance]

- Select your image from step 2 → (SET) button → [OK] → (SET) button

5

Return to the shooting screen



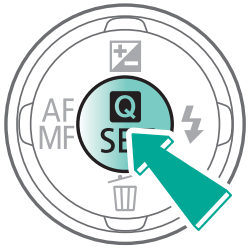
Custom White Balance

Loading white

For image colors that look natural under the light in your shot, adjust white balance to suit the light source where you are shooting. Set the white balance under the same light source that will illuminate your shot.

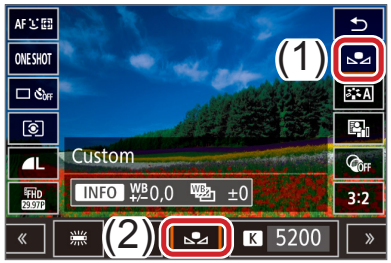
6

Access the setting screen



7

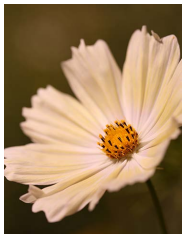
Set up the camera



- [AWB] → [ ]

Manually Correcting White Balance

Daylight shot

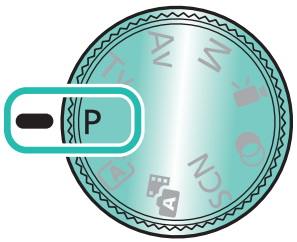


Corrected

You can manually correct white balance.
This adjustment can match the effect of using a commercially available color temperature conversion filter or color-compensating filter.

1

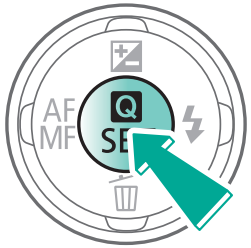
Set the shooting mode



- **P** mode → Q SET button

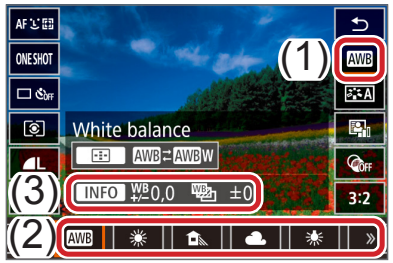
2

Access the setting screen

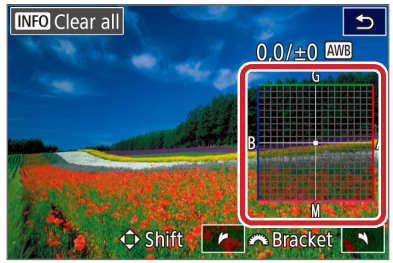


3

Set up the camera

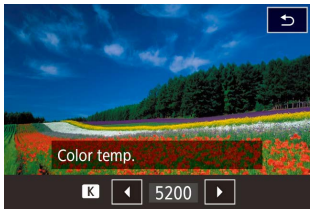


- [AWB] → choose an option → INFO button



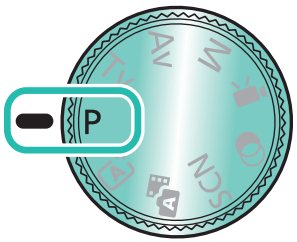
- Adjust: ▲/▼/◀/▶ buttons → MENU button

Manually Setting White Balance Color Temperature



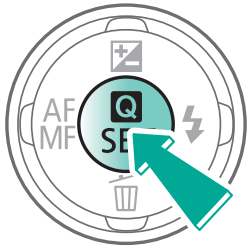
A value can be set representing the white balance color temperature.

1 Set the shooting mode

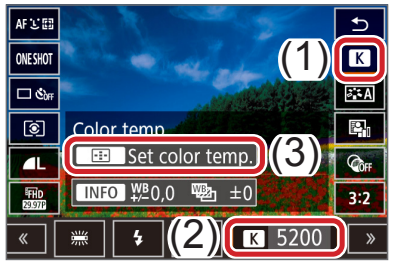


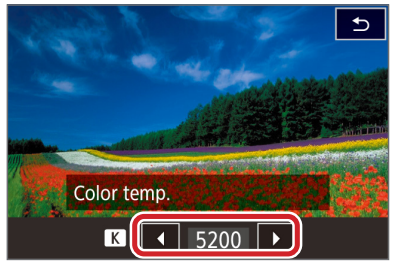
- **P** mode →
  Q SET button

2 Access the setting screen



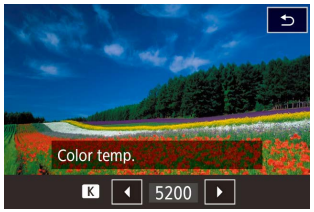
3 Set up the camera





- [AWB] →
  [K 5200] →
  button

Manually Setting White Balance Color Temperature



A value can be set representing the white balance color temperature.

- Choose a color temperature: ◀▶ buttons → MENU button

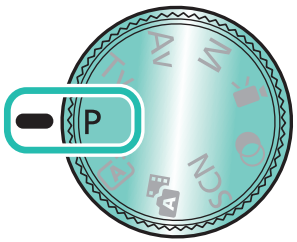
Correcting Lens Aberrations

Example: Peripheral illumination correction → Disable

Example: Peripheral illumination correction → Enable

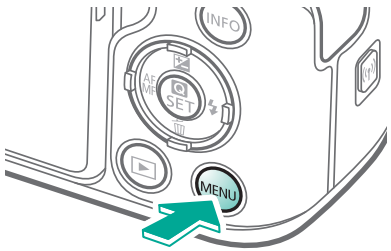
Correct a variety of image issues from lens characteristics.

1 Set the shooting mode



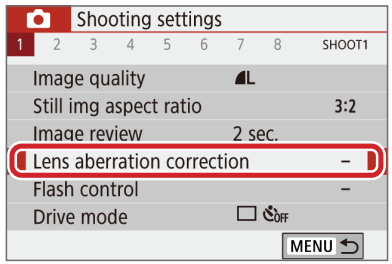
- **P** mode → Q SET button

2 Access the menu screen

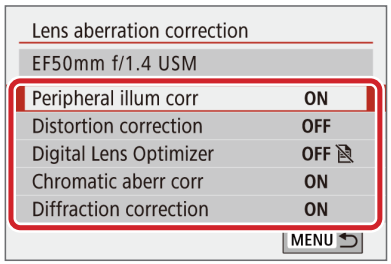


- **MENU** button → [📷] → Q SET button

3 Set up the camera



- [📷1] → [Lens aberration correction]



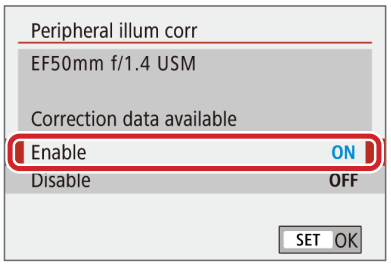
- Choose an item without [ ]

Correcting Lens Aberrations

Example: Peripheral illumination correction → Disable

Example: Peripheral illumination correction → Enable

Correct a variety of image issues from lens characteristics.

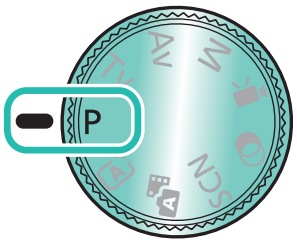


Reducing Noise in High-ISO Shooting

You can choose from 3 levels of noise reduction: [Standard], [High], [Low]. This function is especially effective when shooting at high ISO speeds.

1

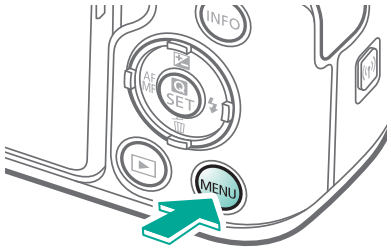
Set the shooting mode



- **P** mode → (SET) button

2

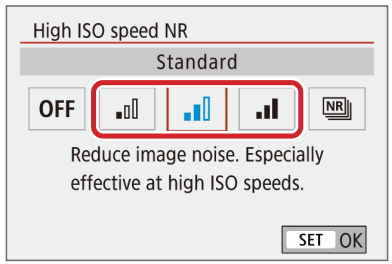
Access the menu screen



- **MENU** button → [📷] → (SET) button

3

Set up the camera



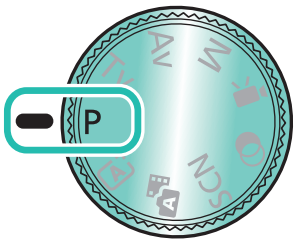
- [📷5] → [High ISO speed NR] → choose an option

Using Multi Shot Noise Reduction

Automatically combine four images captured at once to reduce noise. Compared to setting [High ISO speed NR] to [High], this feature minimizes loss of image quality while reducing noise.

1

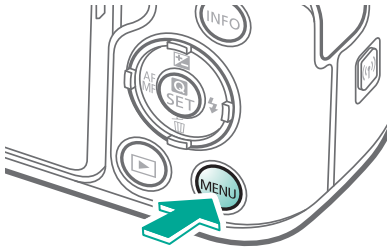
Set the shooting mode



- **P** mode → (Q SET) button

2

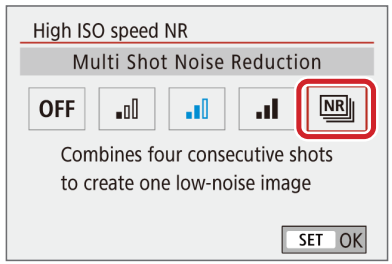
Access the menu screen



- **MENU** button → [📷] → (Q SET) button

3

Set up the camera

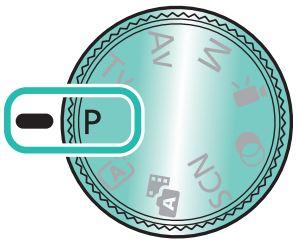


- [📷5] → [High ISO speed NR] → [NR]

Reducing Noise at Slow Shutter Speeds

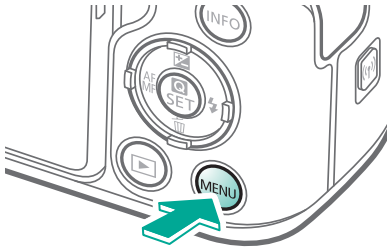
Reduce noise from long exposures at shutter speeds of one second or slower.

1 Set the shooting mode



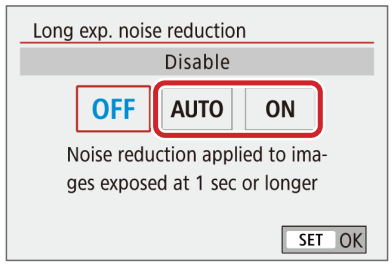
- **P** mode → (SET) button

2 Access the menu screen



- **MENU** button → [📷] → (SET) button

3 Set up the camera



- [📷5] → [Long exp. noise reduction] → choose an option

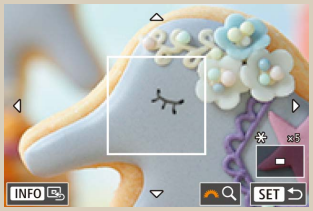
Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Shooting in Manual Focus Mode

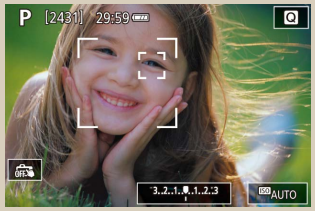
Fine-Tuning the Focus

Easily Identifying the Focus Area (MF Peaking)

Choosing the AF Method



Magnifying Display to Check the Focus

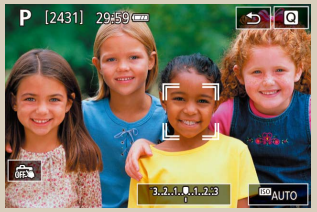


Shooting with Subject Eyes in Focus

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Shooting with Servo AF

Changing the Focus Setting

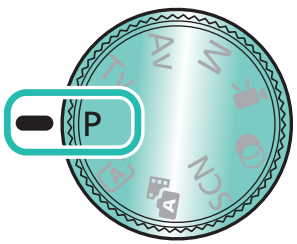


Choosing Subjects by Touch

Shooting in Manual Focus Mode

When focusing is not possible in AF mode, use manual focus.
To make focusing easier, magnify the display.

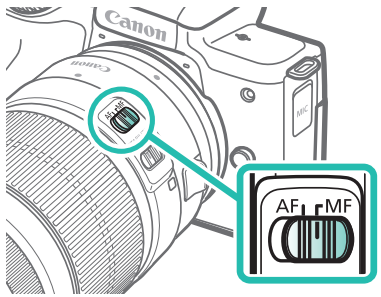
1 Set the shooting mode



- **P** mode → Q SET button

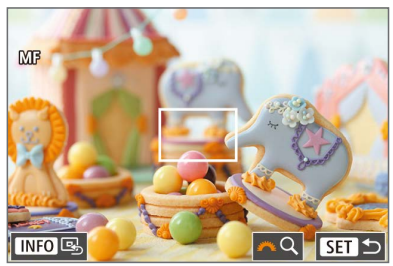
2 Choose [MF]

- EF-M lenses: ◀ button → [Manual focus]



- Other lenses: set switch to MF

3 Activate magnification



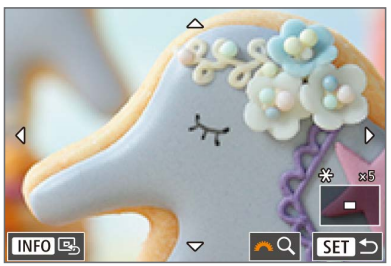
- button → dial

Shooting in Manual Focus Mode

When focusing is not possible in AF mode, use manual focus.
To make focusing easier, magnify the display.

4

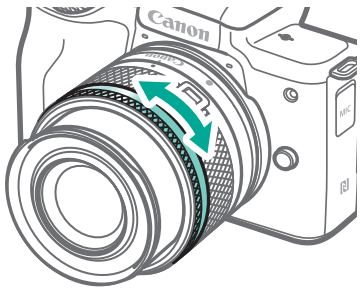
Display an area to focus on



- ▲/▼/◀/▶ buttons
- Center display again: INFO button

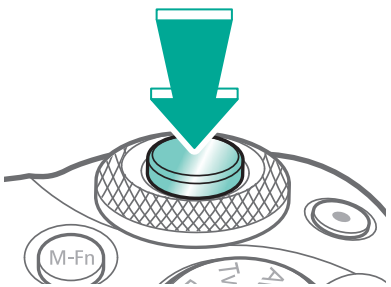
5

Focus



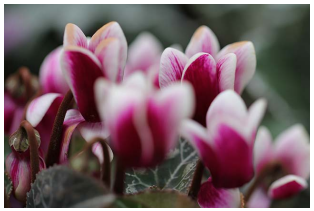
6

Shoot



Fine-Tuning the Focus

Autofocus

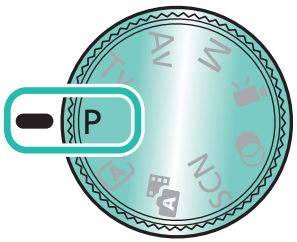


Focusing ring

After autofocusing when using a lens compatible with this feature, you can fine-tune the focus by turning the focusing ring.

1

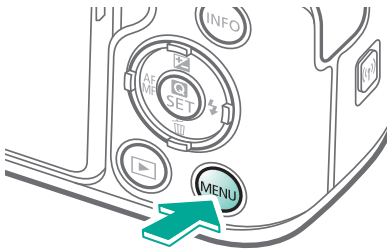
Set the shooting mode



- **P** mode → (SET) button

2

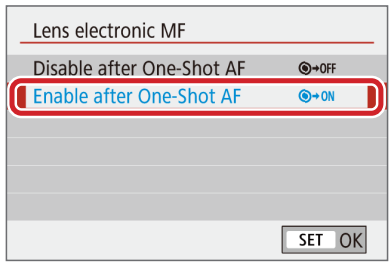
Access the menu screen



- **MENU** button → [📷] → (SET) button

3

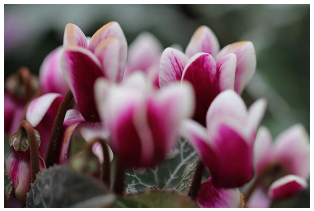
Set up the camera



- [📷7] → [Lens electronic MF] → [Enable after One-Shot AF]

Fine-Tuning the Focus

Autofocus

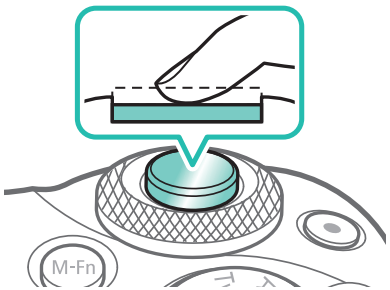


Focusing ring

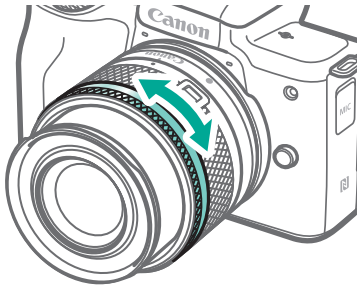
After autofocusing when using a lens compatible with this feature, you can fine-tune the focus by turning the focusing ring.

4

Focus

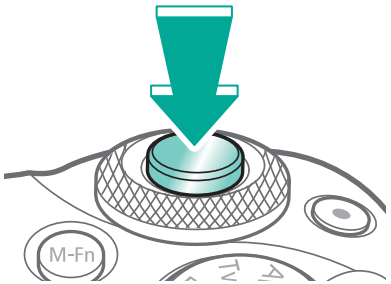


- Hold the shutter button halfway down.



5

Shoot



Easily Identifying the Focus Area (MF Peaking)

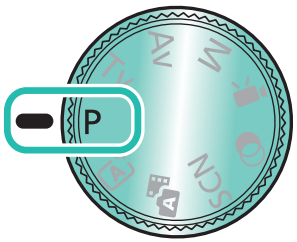
MF peaking off

MF peaking on

Edges of subjects in focus are displayed in color to make manual focusing easier. You can adjust the colors and the sensitivity (level) of edge detection as needed.

1

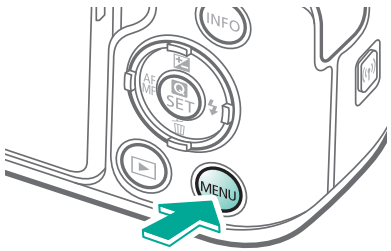
Set the shooting mode



- **P** mode → (SET) button

2

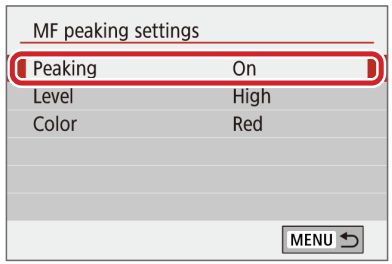
Access the menu screen



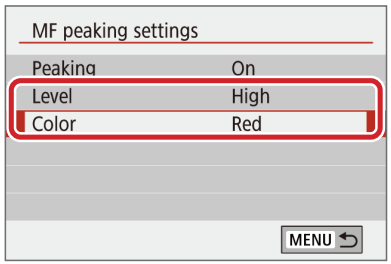
- **MENU** button → [📷] → (SET) button

3

Set up the camera



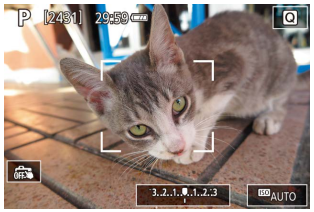
- [📷7] → [MF peaking settings] → [Peaking] → [On]



- Choose an item.

Choosing the AF Method

+Tracking



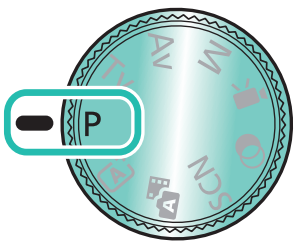
Zone AF

1-point AF

Change the auto focus (AF) mode to suit shooting conditions.

1

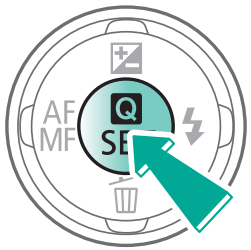
Set the shooting mode



- **P** mode → Q SET button

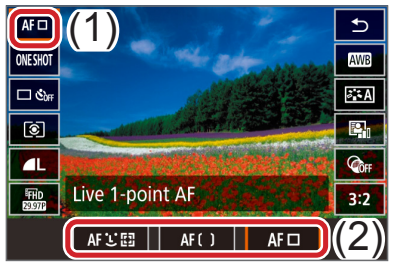
2

Access the setting screen



3

Set up the camera



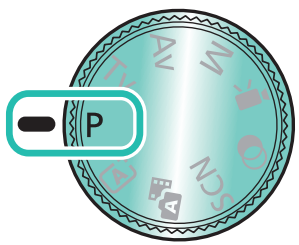
- [AF □] → choose an option

Magnifying Display to Check the Focus

Display can be magnified to check the focus when the AF method is set to [**AF** 〔 〕] or [**AF** □].

1

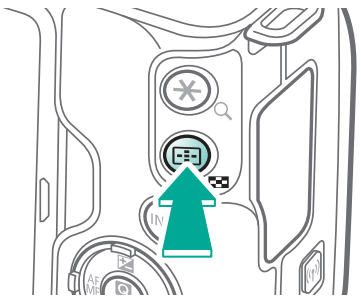
Set the shooting mode

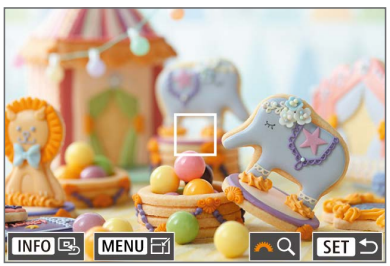


- **P** mode → (SET) button

2

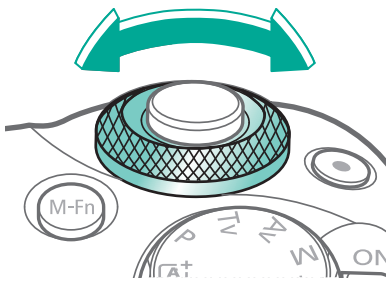
Activate magnification





3

Zoom in or out, as needed

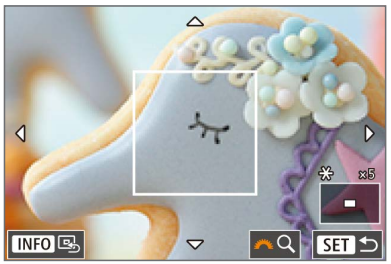


Magnifying Display to Check the Focus

Display can be magnified to check the focus when the AF method is set to [AF 〔 〕] or [AF □].

4

Choose an area to focus on



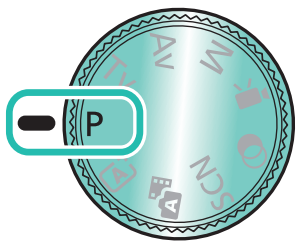
- Press the ▲/▼/◀/▶ buttons to display an area to focus on.

- To center the display again, press the INFO button.

Shooting with Subject Eyes in Focus

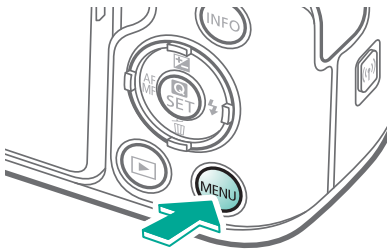
In close-ups of people's faces, you can shoot with the subject's eyes in focus.

1 Set the shooting mode



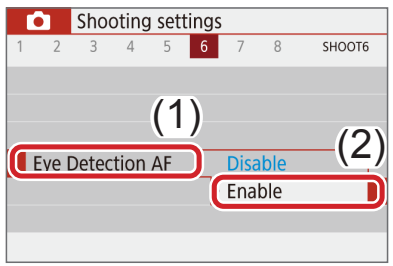
- **P** mode → (SET) button

2 Access the menu screen



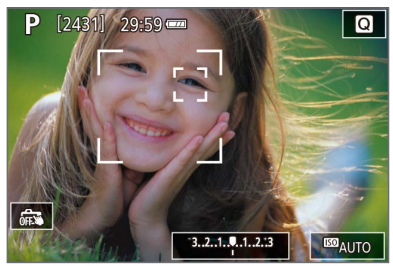
- **MENU** button → [📷] → (SET) button

3 Set up the camera



- [📷6] → [Eye Detection AF] → [Enable]

4 Aim the camera at the subject

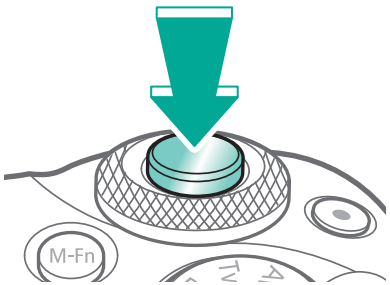


Shooting with Subject Eyes in Focus

In close-ups of people's faces, you can shoot with the subject's eyes in focus.

5

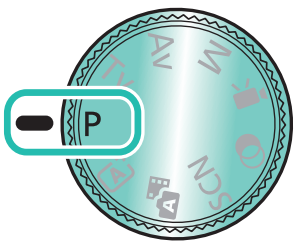
Shoot



Shooting with Servo AF

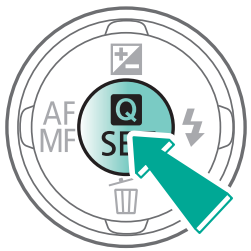
This mode helps avoid missing shots of subjects in motion, because the camera continues to focus on the subject and adjust the exposure as long as you press the shutter button halfway.

1 Set the shooting mode



- **P** mode → Q SET button

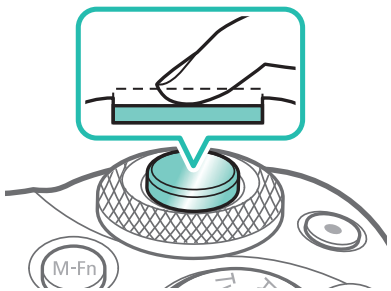
2 Access the setting screen



3 Set up the camera

- [ONE SHOT] → [SERVO]

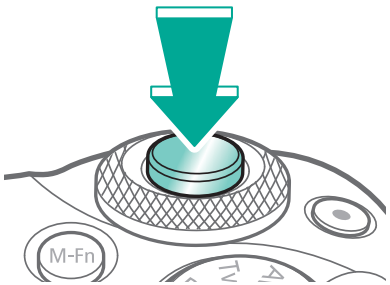
4 Focus



This mode helps avoid missing shots of subjects in motion, because the camera continues to focus on the subject and adjust the exposure as long as you press the shutter button halfway.

5

Shoot



Changing the Focus Setting

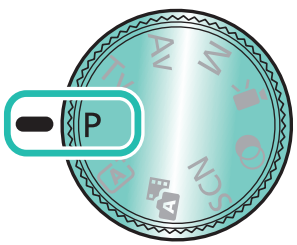
Enable: Focus on moving subjects

Disable: Focus on stationary subjects

You can change default camera operation of constantly focusing on subjects it is aimed at, even when the shutter button is not pressed. Instead, you can limit camera focusing to the moment you press the shutter button halfway.

1

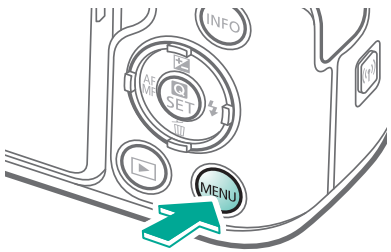
Set the shooting mode



- **P** mode → (SET) button

2

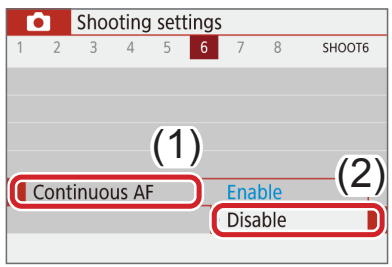
Access the menu screen



- **MENU** button → [📷] → (SET) button

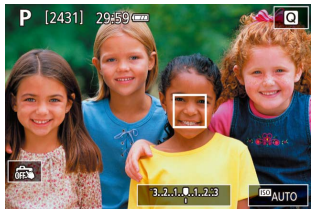
3

Set up the camera

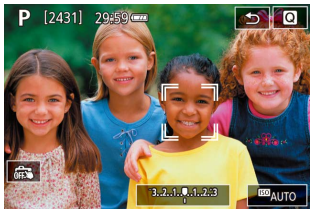


- [📷6] → [Continuous AF] → [Disable]

Choosing Subjects by Touch



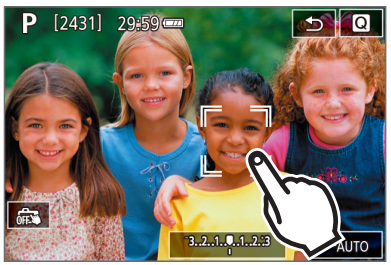
AF□



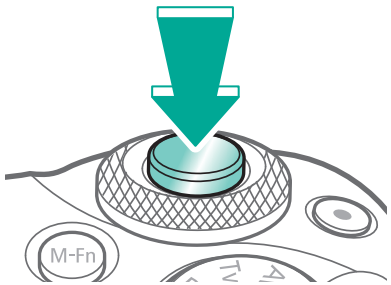
AF

You can choose subjects by touching a person's face or other things displayed on the screen.

1 Choose a subject



2 Shoot



Changing the IS Mode Settings

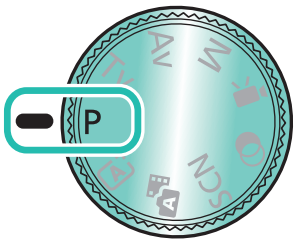
On

Off

Configure image stabilization via the camera menu when using an EF-M lens with image stabilization.

1

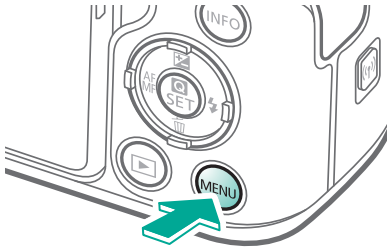
Set the shooting mode



- **P** mode → (Q SET) button

2

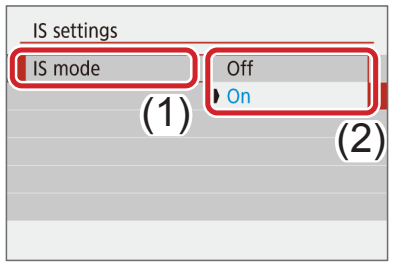
Access the menu screen



- **MENU** button → [📷] → (Q SET) button

3

Set up the camera



- [📷7] → [IS settings] → [IS mode] → choose an option

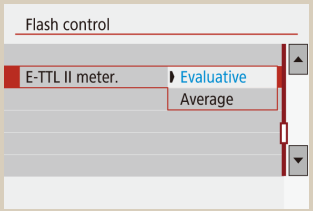
Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Changing the Flash Mode

Adjusting the Flash Exposure Compensation

Shooting with the FE Lock

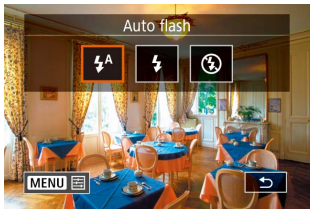
Changing the Flash Timing



Changing the Flash Metering Mode

Adjusting the Flash Output

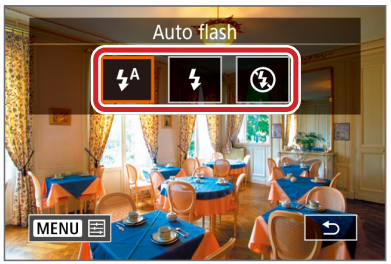
Changing the Flash Mode



You can change the flash mode to match the shooting scene.

1

Choose the flash mode



- ▶ button → choose an option

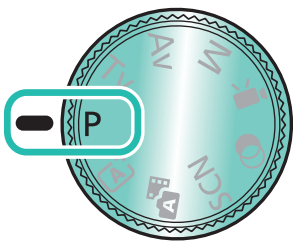
Adjusting the Flash Exposure Compensation

Set toward –

Set toward +

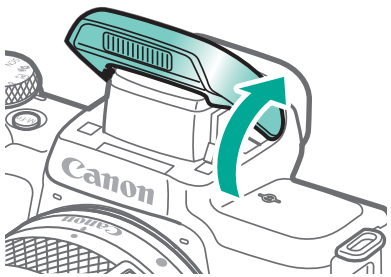
Just as with regular exposure compensation, you can adjust the flash exposure from –2 to +2 stops, in 1/3-stop increments.

1 Set the shooting mode



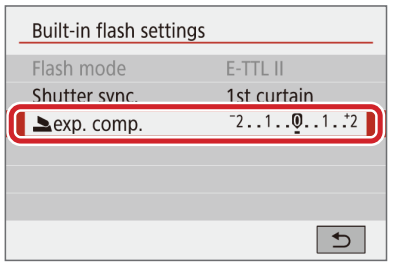
- **P** mode → (SET) button

2 Raise the flash



3 Set up the camera

- ▶ button → [⚡] → **MENU** button



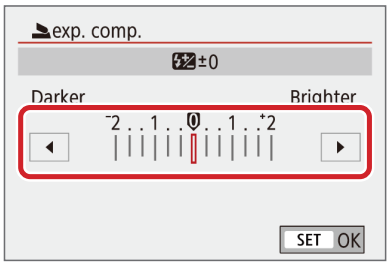
- [exp. comp.]

Adjusting the Flash Exposure Compensation

Set toward −

Set toward +

Just as with regular exposure compensation, you can adjust the flash exposure from –2 to +2 stops, in 1/3-stop increments.



- Adjust as needed.

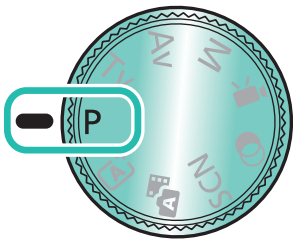
Shooting with the FE Lock

FE lock

Without FE lock (overexposed)

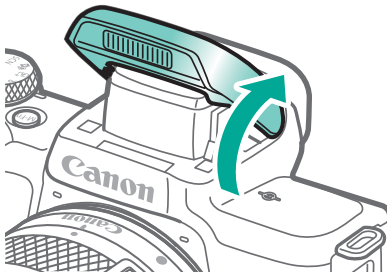
Just as with the AE lock, you can lock the exposure for flash shots.

1 Set the shooting mode

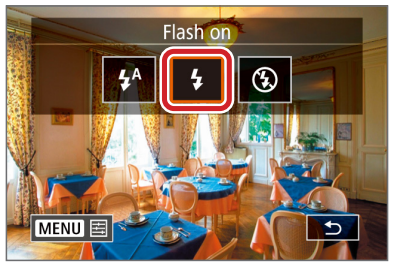


- **P** mode → (SET) button

2 Raise the flash

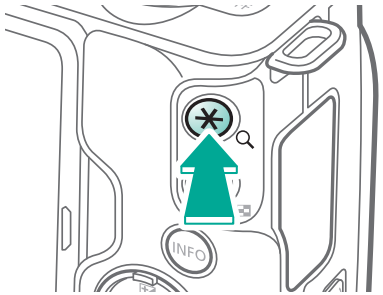


3 Choose the flash mode



- ▶ button → [ϟ]

4 Lock the flash exposure



- [✳] is displayed, and the exposure is locked.

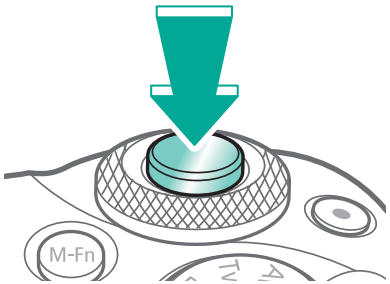
FE lock

Without FE lock
(overexposed)

Just as with the AE lock, you can lock the exposure for flash shots.

5

Compose the shot and shoot



Changing the Flash Timing

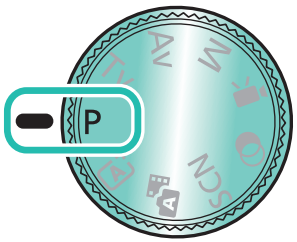
1st-curtain flash

2nd-curtain flash

Change the timing of the flash and shutter release.

1

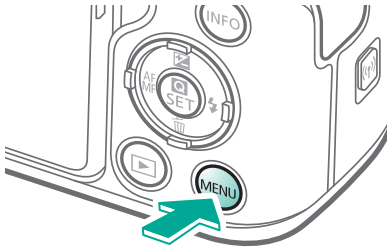
Set the shooting mode



- **P** mode → (SET) button

2

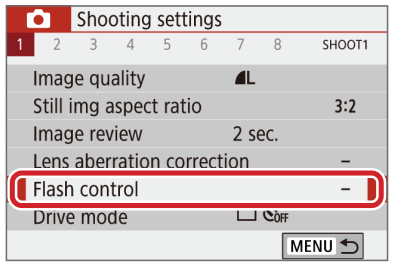
Access the menu screen



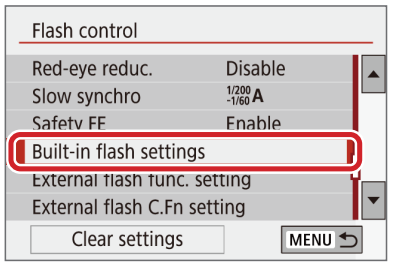
- **MENU** button → [📷] → (SET) button

3

Set up the camera



- [📷1] → [Flash control]



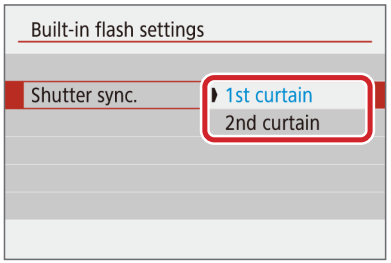
- [Built-in flash settings]

Changing the Flash Timing

1st-curtain flash

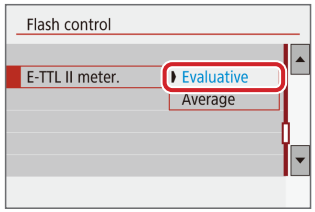
2nd-curtain flash

Change the timing of the flash and shutter release.

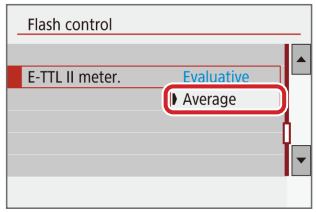


- [Shutter sync.]
  → choose an option

Changing the Flash Metering Mode



Evaluative

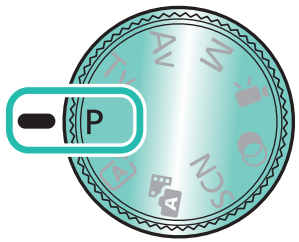


Average

[Evaluative] flash metering, which enables standard flash exposure, can be changed to average flash metering across the metering area, as when using an externally metered flash.

1

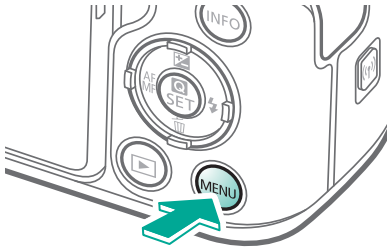
Set the shooting mode



- **P** mode → (SET) button

2

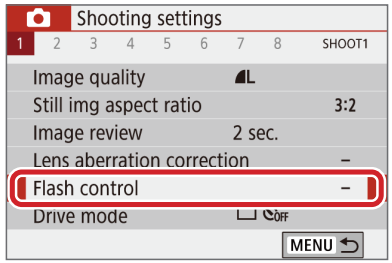
Access the menu screen



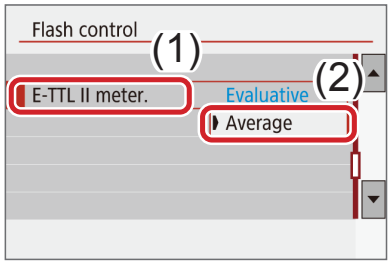
- **MENU** button → [📷] → (SET) button

3

Set up the camera



- [📷1] → [Flash control]



- [E-TTL II meter.] → [Average]

Adjusting the Flash Output

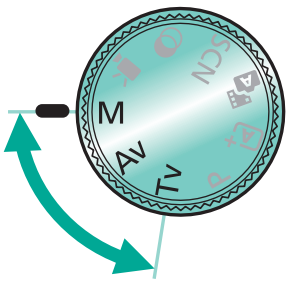
Flash output: Minimum

Flash output: Maximum

Choose from the three flash levels in **Tv/Av/M** modes.

1

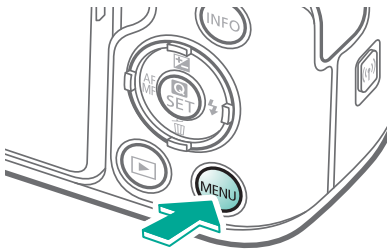
Set the shooting mode



- **Tv/Av/M** modes → (SET) button

2

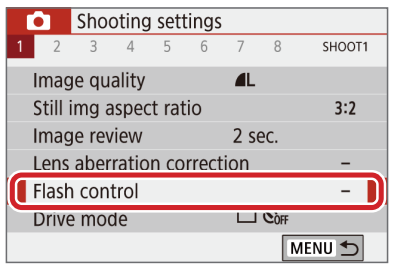
Access the menu screen



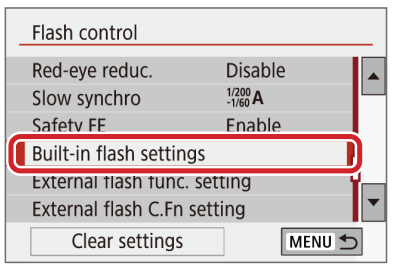
- **MENU** button → [📷] → (SET) button

3

Set up the camera



- [📷1] → [Flash control]



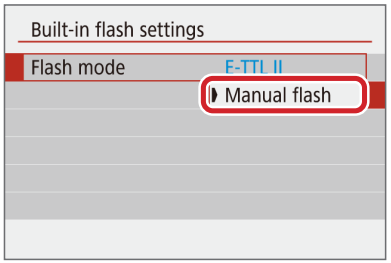
- [Built-in flash settings]

Adjusting the Flash Output

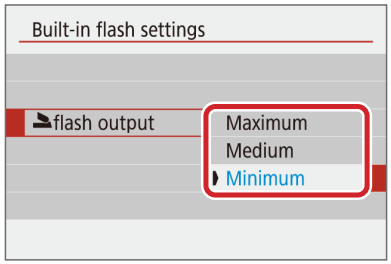
Flash output: Minimum

Flash output: Maximum

Choose from the three flash levels in **Tv**/**Av**/**M** modes.



- [Flash mode] → [Manual flash]



- [flash output] → choose an option

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Specific Shutter Speeds (Tv Mode)

Specific Aperture Values (Av Mode)

Specific Shutter Speeds and Aperture Values (M Mode)

Shooting Long Exposures (Bulb)

Recording Movies at Specific Shutter Speeds and Aperture Values

Specific Shutter Speeds (Tv Mode)

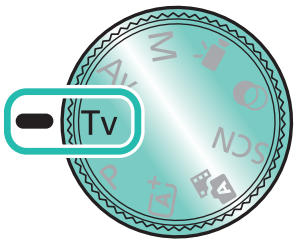
Slow

Fast

Set the shutter speed before shooting.
The camera automatically adjusts the aperture value to suit your shutter speed.

1

Set the shooting mode



- **Tv** mode → Q SET button

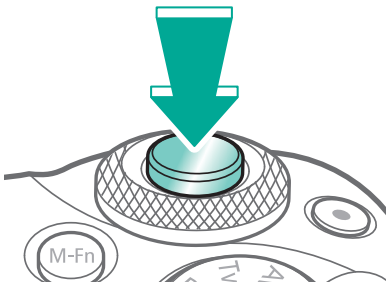
2

Set the shutter speed

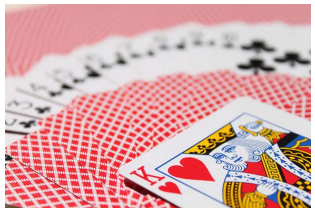
- dial

3

Shoot



Specific Aperture Values (Av Mode)



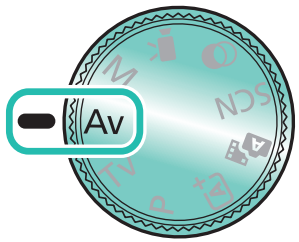
Small

Large

Set the aperture value before shooting.
The camera automatically adjusts the shutter speed to suit your aperture value.

1

Set the shooting mode



- **Av** mode → Q SET button

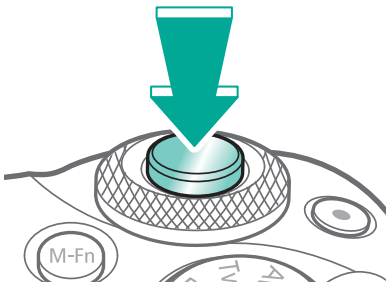
2

Set the aperture value

- dial

3

Shoot



Specific Shutter Speeds and Aperture Values (M Mode)

Set the shutter speed, aperture value, and ISO speed before shooting to obtain the desired exposure.

1 Set the shooting mode

- **M** mode → Q SET button

2 Set the ISO speed

- Touch [ISO AUTO] → ◀▶ buttons

3 Set the shutter speed and aperture value

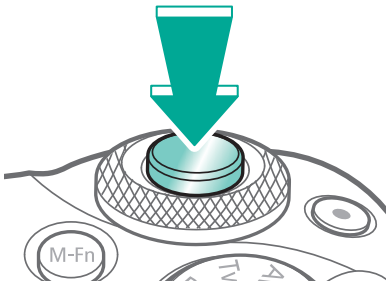
- Set the shutter speed: dial
- Set the aperture value: ▲ button → dial

Specific Shutter Speeds and Aperture Values (M Mode)

Set the shutter speed, aperture value, and ISO speed before shooting to obtain the desired exposure.

4

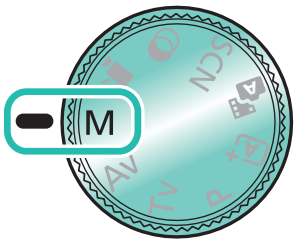
Shoot



Shooting Long Exposures (Bulb)

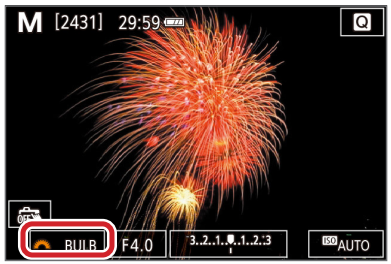
With bulb exposures, shots are exposed for as long as you hold down the shutter button all the way down.

1 Set the shooting mode



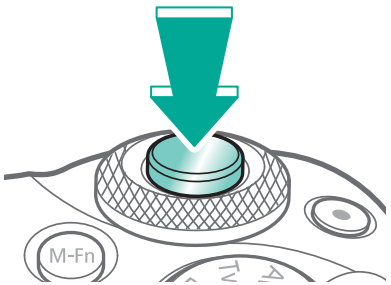
- **M** mode → Q SET button

2 Set up the camera



- dial → [BULB]

3 Shoot



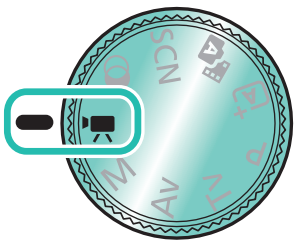
Recording Movies at Specific Shutter Speeds and Aperture Values

Manual movie

Set the shutter speed, aperture value, and ISO speed before recording.

1

Set the shooting mode



- mode → Q SET button → [M] → Q SET button

2

Set the ISO speed

- Touch [ISO AUTO]

3

Set the shutter speed and aperture value

Recording Movies at Specific Shutter Speeds and Aperture Values

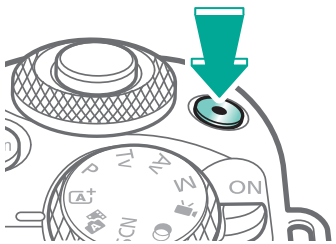
Manual movie

Set the shutter speed, aperture value, and ISO speed before recording.

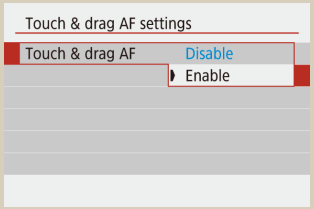
- Set the shutter speed: dial
- Set the aperture value: ▲ button → dial

4

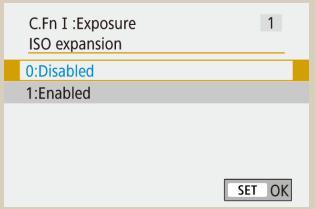
Start recording



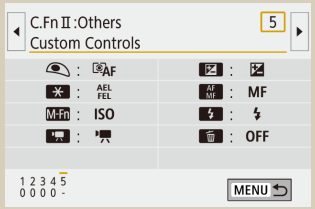
Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		



Configuring Touch & Drag AF



Configuring Custom Functions



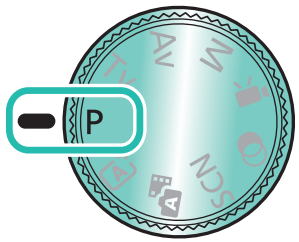
Assigning Functions to Buttons

Configuring Touch & Drag AF

With Touch & Drag AF, you can move the AF point by touching or dragging the screen while looking through the viewfinder.

1

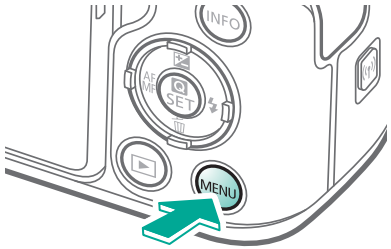
Set the shooting mode



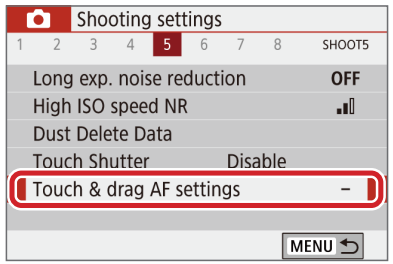
- **P** mode → (SET) button

2

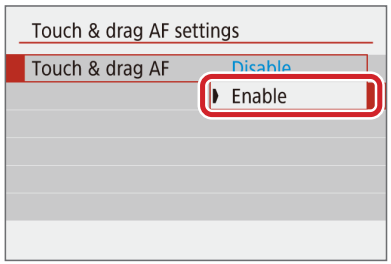
Access the menu screen



- **MENU** button → [📷] → (SET) button



- [📷5] → [Touch & drag AF settings]



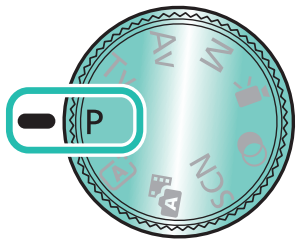
- [Touch & drag AF] → [Enable]

Configuring Custom Functions

Configure custom functions on the [5] tab of the menu to customize how the camera works to suit your shooting preferences.
You can also assign commonly used functions to specific buttons.

1

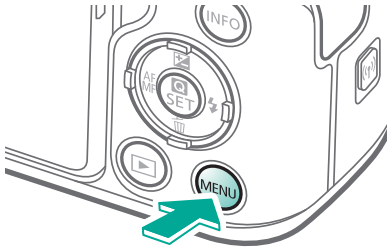
Set the shooting mode



- **P** mode → (SET) button

2

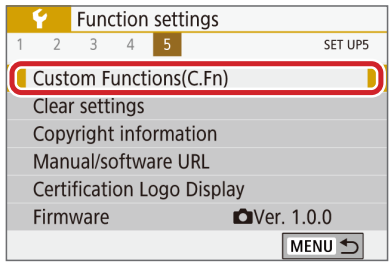
Access the menu screen



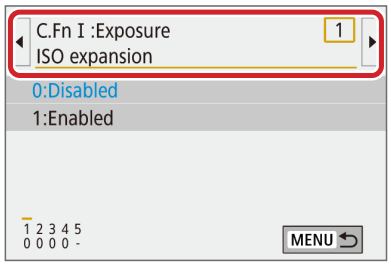
- **MENU** button → [5] → (SET) button

3

Set up the camera



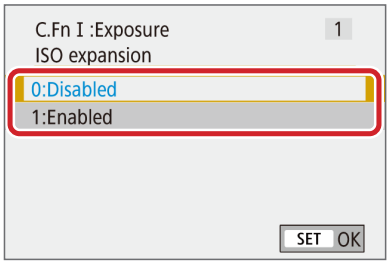
- [5] → [Custom Functions(C.Fn)] → choose an item



- Choose a function.

Configuring Custom Functions

Configure custom functions on the [5] tab of the menu to customize how the camera works to suit your shooting preferences.
You can also assign commonly used functions to specific buttons.



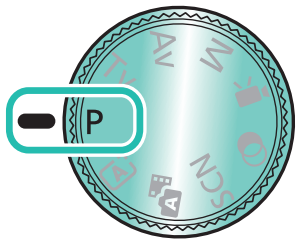
- Choose an option.

Assigning Functions to Buttons

Reassign functions of buttons, such as the shutter button, or assign common functions to the M-Fn button.

1

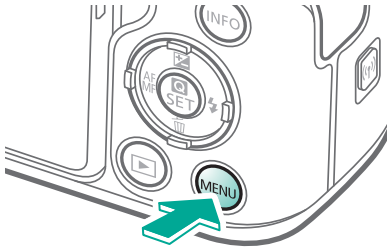
Set the shooting mode



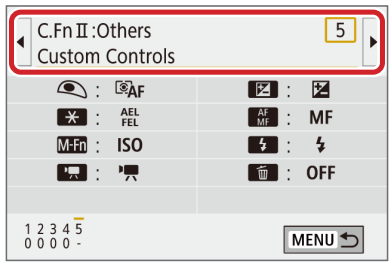
- **P** mode → (SET) button

2

Access the menu screen



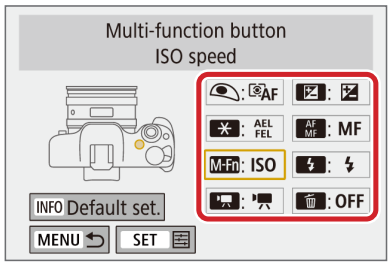
- **MENU** button → [🔧] → (SET) button



- [🔧5] → [Custom Functions(C.Fn)] → [Custom Controls]

3

Choose the control to assign

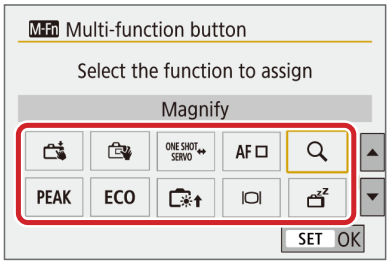


- Choose a button or dial to assign.

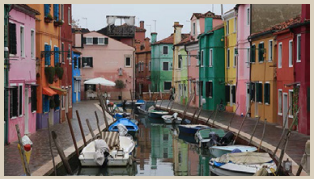
Reassign functions of buttons, such as the shutter button, or assign common functions to the M-Fn button.

4

Choose the function to assign



Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		



Recording Movies

Locking Movie Brightness

Adjusting Movie Brightness

Disabling Auto Slow Shutter

Recording Time-Lapse Movies

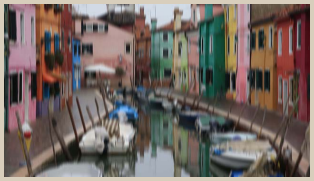
Miniature Model Effect in Movies (Miniature Effect Movie)

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Adjusting the Recording Volume

Deactivating the Wind Filter

Using the Attenuator

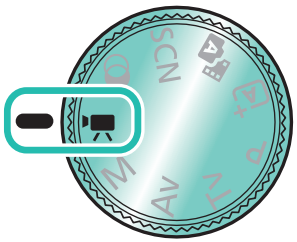


Correcting Camera Shake when Recording Movies

Recording Movies

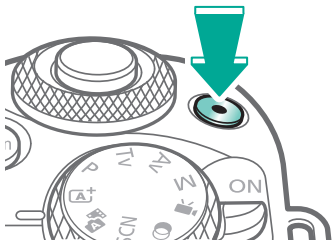
Record movies in mode using a variety of effects and features.

1 Set the shooting mode

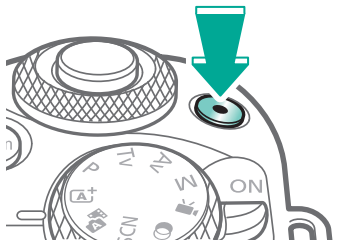


- mode → (SET) button → choose a mode → (SET) button

2 Start recording



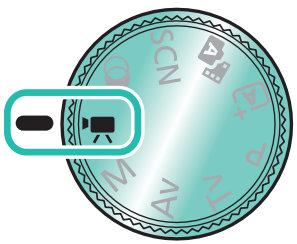
3 Stop recording



Locking Movie Brightness

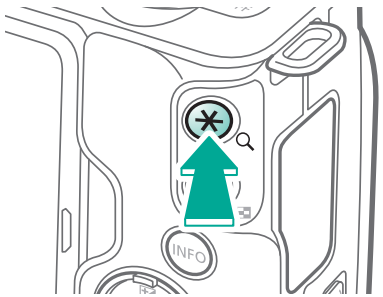
You can lock the exposure while recording.

1
Set the shooting mode



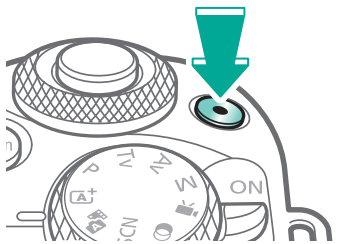
- mode → Q button → [M] → Q button

2
Lock the exposure



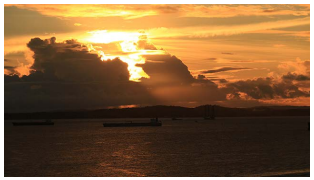
- [✳] is displayed, and the exposure is locked.

3
Start recording



Adjusting Movie Brightness

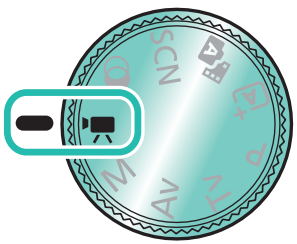
Set toward −



Set toward +

With auto exposure, you can adjust exposure within a range of −3 to +3 stops.

1 Set the shooting mode

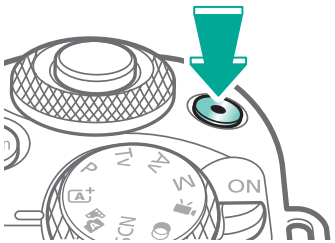


- mode → Q button → choose a mode → Q button

2 Adjust the exposure

- Set the exposure: ▲ button → dial

3 Start recording

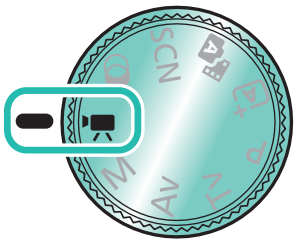


Disabling Auto Slow Shutter

Auto slow shutter can be disabled if movement in movies is rough. However, under low light, movies may look dark.

1

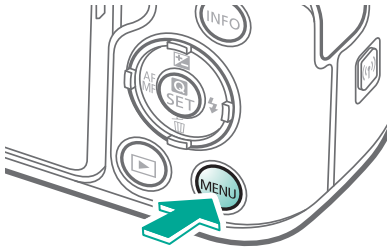
Set the shooting mode



- mode → (SET) button → choose a mode → (SET) button

2

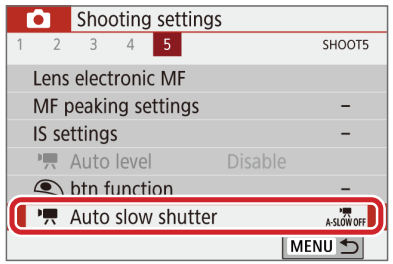
Access the menu screen



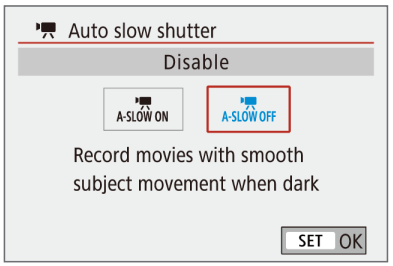
- **MENU** button → [camera] → (SET) button

3

Set up the camera



- [camera 5] → [Auto slow shutter]

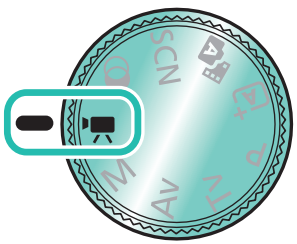


- [A-SLOW OFF]

Recording Time-Lapse Movies

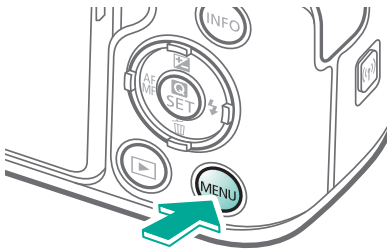
Time-lapse movies combine images that are shot automatically at a specified interval. Any gradual changes of the subject (such as changes in a landscape) are played back in fast motion.

1 Set the shooting mode



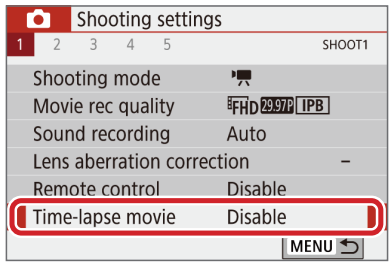
- mode → (SET) button → choose a mode → (SET) button

2 Access the menu screen

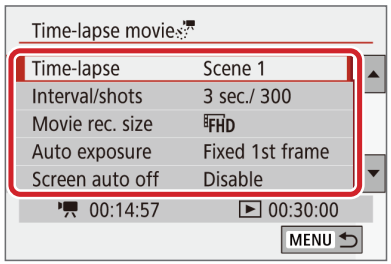


- **MENU** button → [📷] → (SET) button

3 Set up the camera



- [📷1] → [Time-lapse movie]

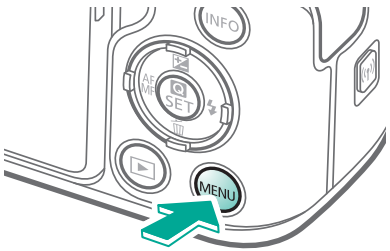


- [Time-lapse] → choose a scene → adjust as needed

Time-lapse movies combine images that are shot automatically at a specified interval. Any gradual changes of the subject (such as changes in a landscape) are played back in fast motion.

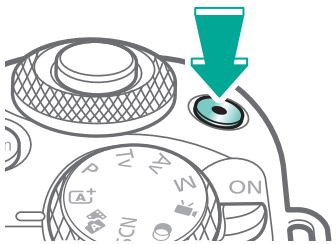
4

Return to the shooting screen



5

Secure the camera and start recording



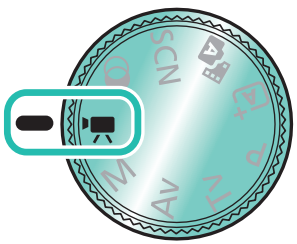
Miniature Model Effect in Movies (Miniature Effect Movie)

Miniature effect movie

Creates the effect of a miniature model in movies, by blurring image areas outside a selected area.

1

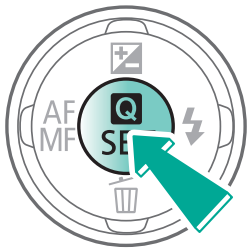
Set the shooting mode



- mode → (SET) button → choose a mode → (SET) button

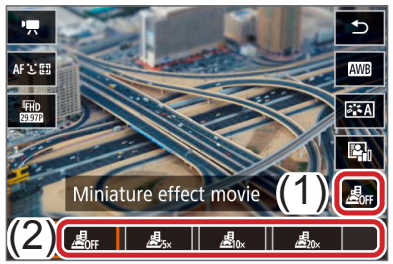
2

Access the setting screen

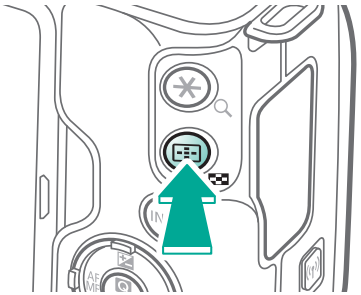


3

Set up the camera



- [OFF] → choose an option



Miniature Model Effect in Movies (Miniature Effect Movie)

Miniature effect movie

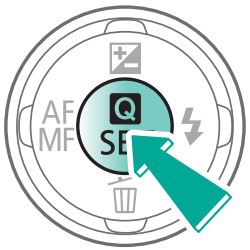
Creates the effect of a miniature model in movies, by blurring image areas outside a selected area.

- Move the frame:
  button → ▲/▼ buttons

- Move the AF point:
  button → ▲/▼/◀/▶ buttons

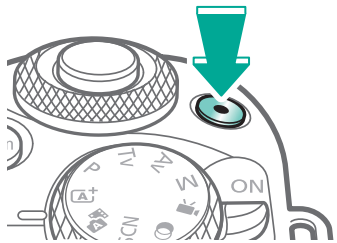
4

Return to the shooting screen



5

Start recording



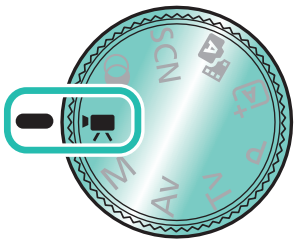
Adjusting the Recording Volume

Adjusting the recording volume

When set to [Auto], the recording level (volume) is automatically adjusted during recording. If you prefer to adjust the level manually to suit the scene, change it to [Manual].

1

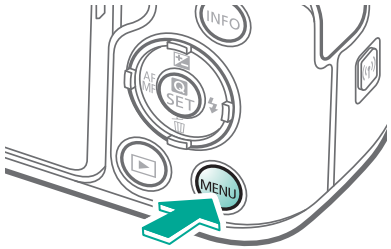
Set the shooting mode



- mode → (SET) button → choose a mode → (SET) button

2

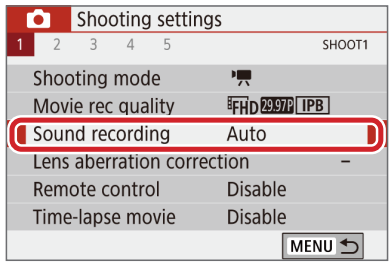
Access the menu screen



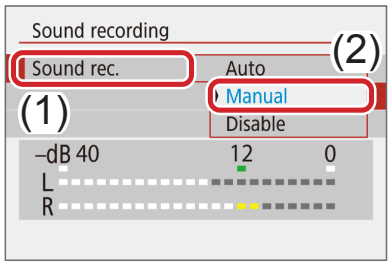
- **MENU** button → [camera] → (SET) button

3

Set up the camera



- [camera 1] → [Sound recording]

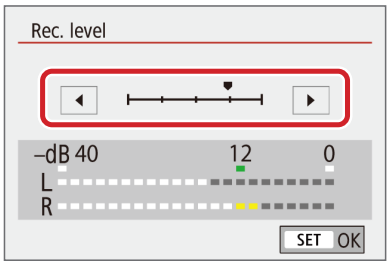


- [Sound rec.] → [Manual]

Adjusting the Recording Volume

Adjusting the recording volume

When set to [Auto], the recording level (volume) is automatically adjusted during recording. If you prefer to adjust the level manually to suit the scene, change it to [Manual].



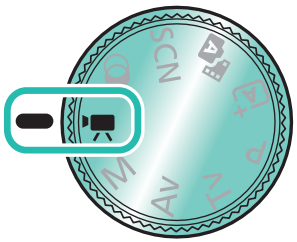
- [Rec. level] → ◀/▶ buttons

Deactivating the Wind Filter

Noise from windy recording sites can be reduced with the wind filter. If there is no wind, recordings may sound unnatural when this option is used. In this case, set [Wind filter] to [Disable].

1

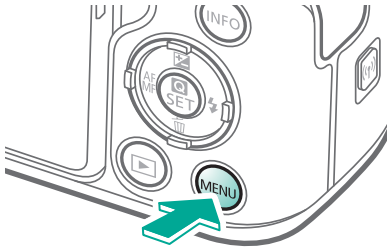
Set the shooting mode



- mode → (SET) button → choose a mode → (SET) button

2

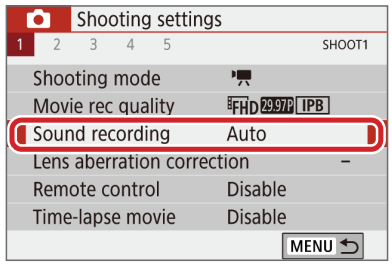
Access the menu screen



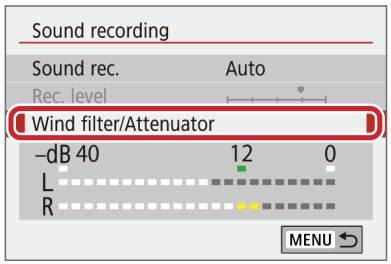
- **MENU** button → [📷] → (SET) button

3

Set up the camera



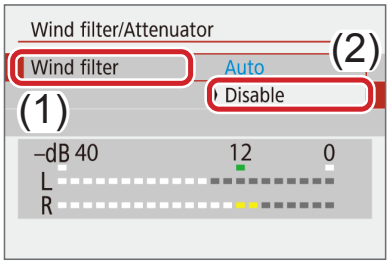
- [📷1] → [Sound recording]



- [Wind filter/ Attenuator]

Deactivating the Wind Filter

Noise from windy recording sites can be reduced with the wind filter. If there is no wind, recordings may sound unnatural when this option is used. In this case, set [Wind filter] to [Disable].



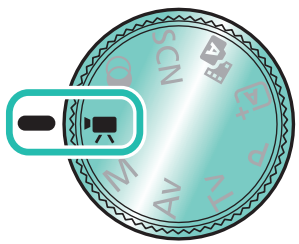
- [Wind filter] → [Disable]

Using the Attenuator

Recording in noisy places

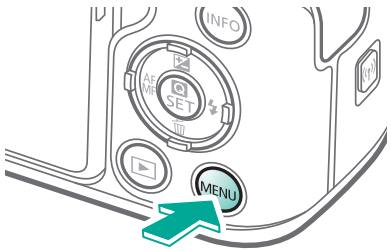
The attenuator can prevent audio distortion at noisy recording sites. Three options are available: [Enable], [Disable], or [Auto] for automatic activation/deactivation as needed.

1 Set the shooting mode



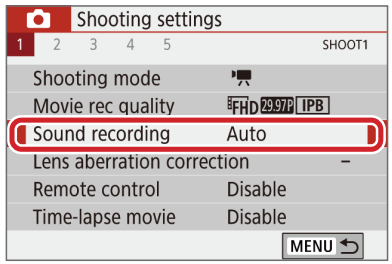
- mode → (SET) button → choose a mode → (SET) button

2 Access the menu screen

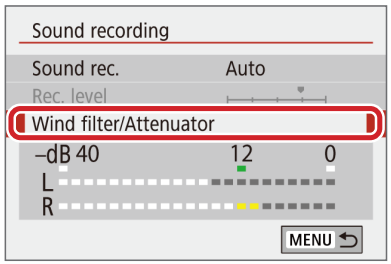


- **MENU** button → [camera] → (SET) button

3 Set up the camera



- [camera 1] → [Sound recording]

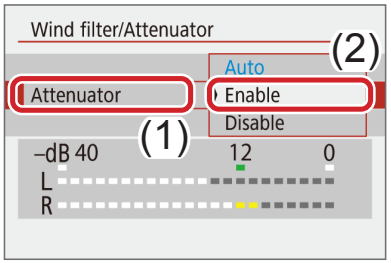


- [Wind filter/ Attenuator]

Using the Attenuator

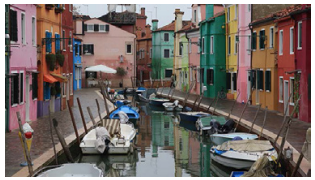
Recording in noisy places

The attenuator can prevent audio distortion at noisy recording sites. Three options are available: [Enable], [Disable], or [Auto] for automatic activation/deactivation as needed.

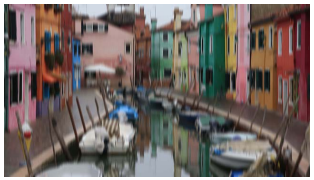


- [Attenuator] → [Enable]

Correcting Camera Shake when Recording Movies



Enable

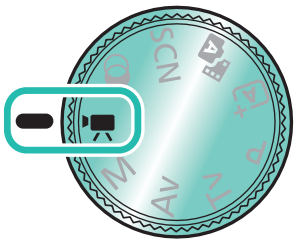


Disable

In-camera image stabilization corrects camera shake when you record movies. Camera shake can be corrected even without a lens that is equipped with image stabilization.

1

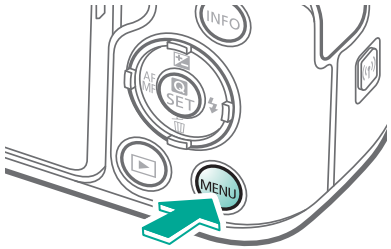
Set the shooting mode



- mode → (SET) button → choose a mode → (SET) button

2

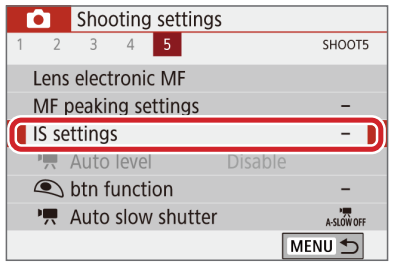
Access the menu screen



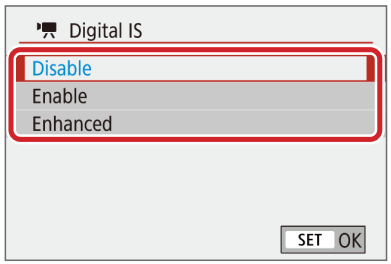
- **MENU** button → [camera] → (SET) button

3

Set up the camera



- [camera 5] → [IS settings]



- [Digital IS] → choose an option

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

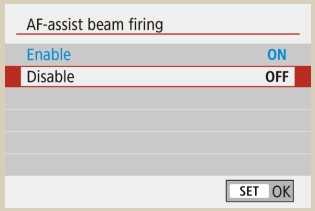
Continuous Shooting

Using the Self-Timer

Shooting by Touching the Screen (Touch Shutter)

Changing Image Quality

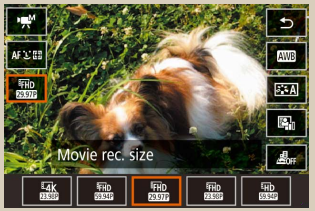
Capturing in RAW Format



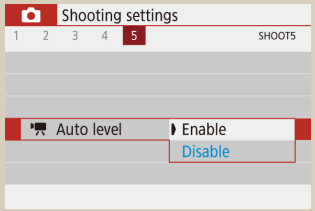
Preventing the AF-Assist Beam from Firing

Auto Mode	Specific Scenes (Special Scene)	Image Effects (Creative Assist)
Image Effects (Creative Filters)	Manual Mode	Recording Movies in Movie Mode
Convenient Features		

Changing the Aspect Ratio



Changing Movie Recording Size

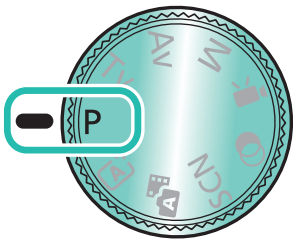


Using Auto Level

Continuous Shooting

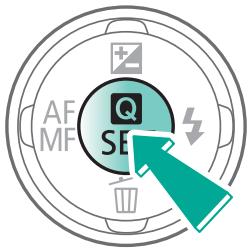
Hold the shutter button all the way down to shoot continuously.

1 Set the shooting mode



- **P** mode → Q SET button

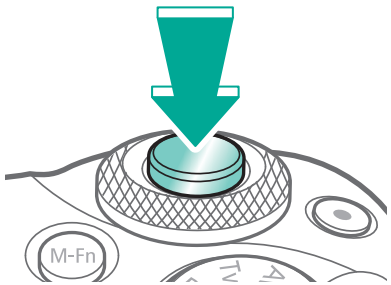
2 Access the setting screen



3 Set up the camera

- [OFF] → [H]/[ ]

4 Shoot

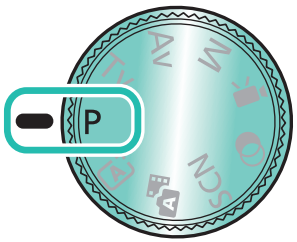


- Keep holding the shutter button all the way down.

Using the Self-Timer

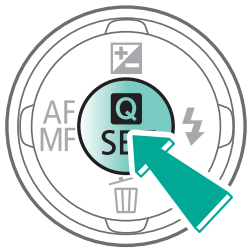
With the self-timer, you can include yourself in group photos or other timed shots. The camera will shoot about 10 seconds after you press the shutter button all the way down.

1 Set the shooting mode



- **P** mode → Q SET button

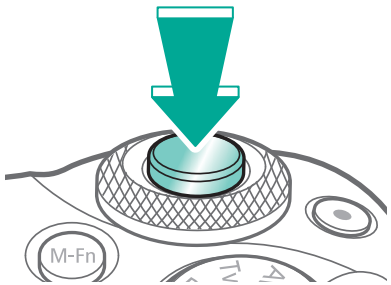
2 Access the setting screen



3 Set up the camera

- [OFF] → [10]

4 Shoot



Shooting by Touching the Screen (Touch Shutter)

With this option, instead of pressing the shutter button, you can simply touch the screen and release your finger to shoot.
The camera focuses on subjects and adjusts image brightness automatically.

1 Set up the camera

- Touch [OFF] and change it to [ ].

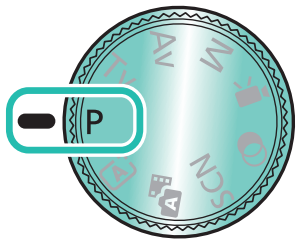
2 Shoot

Changing Image Quality

◢L	24.0 megapixels/ high quality	◢M	Approx. 10.6 megapixels/high quality	◢S1	Approx. 5.9 megapixels/high quality	S2	Approx. 3.8 megapixels/ normal quality
◭L	24.0 megapixels/ normal quality	◭M	Approx. 10.6 megapixels/ normal quality	◭S1	Approx. 5.9 megapixels/ normal quality		

1

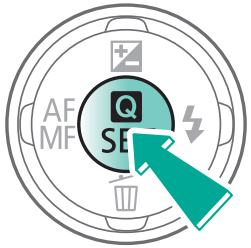
Set the shooting mode



- **P** mode → (Q SET) button

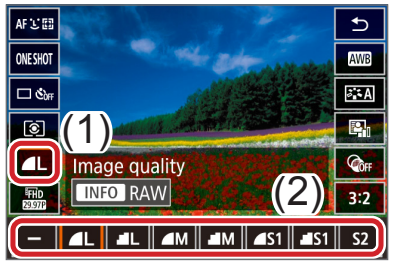
2

Access the setting screen



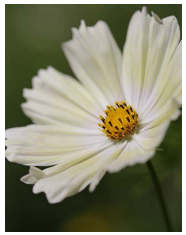
3

Set up the camera



- [◢L] → choose an option

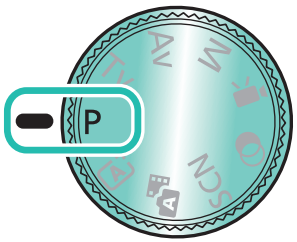
Capturing in RAW Format



The camera can capture images in JPEG and RAW format.
RAW images are “raw” data, before processing to create JPEGs.

1

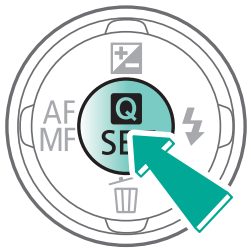
Set the shooting mode



- **P** mode → Q SET button

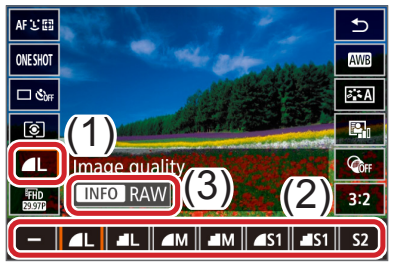
2

Access the setting screen



3

Set up the camera



- [L] → choose JPEG image quality → **INFO** button

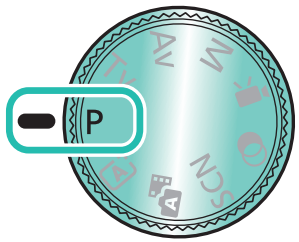
- Choose the method of shooting in RAW.

Preventing the AF-Assist Beam from Firing

The lamp lights up to help you focus when you press the shutter button halfway in low-light conditions. This lamp can be deactivated.

1

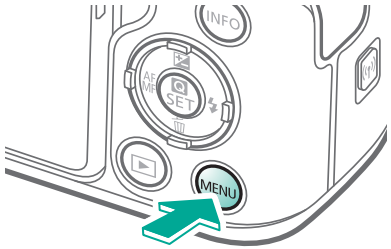
Set the shooting mode



- **P** mode → (SET) button

2

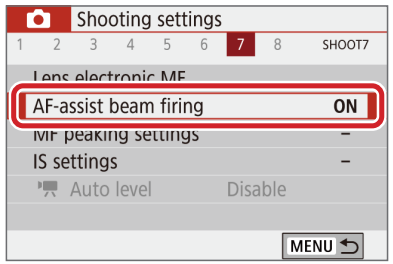
Access the menu screen



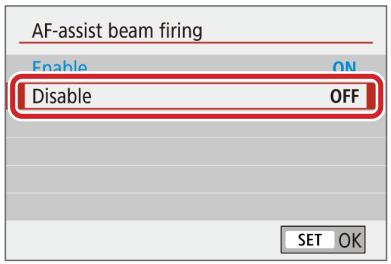
- **MENU** button → [📷] → (SET) button

3

Set up the camera



- [📷7] → [AF-assist beam firing]



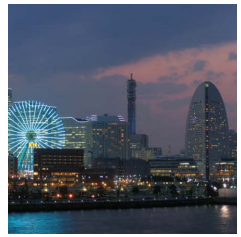
- [Disable]

Changing the Aspect Ratio

3:2

4:3

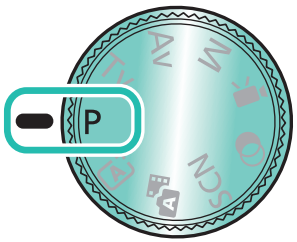
16:9



1:1

1

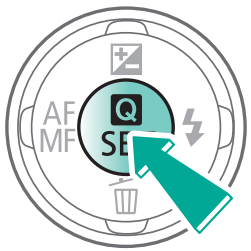
Set the shooting mode



- **P** mode → Q SET button

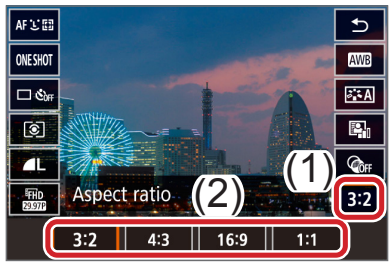
2

Access the setting screen



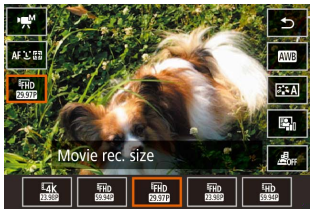
3

Choose the setting item



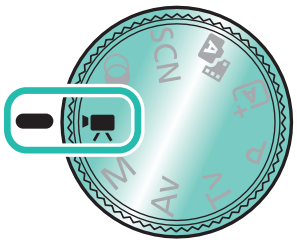
- [**3:2**] → choose an option

Changing Movie Recording Size



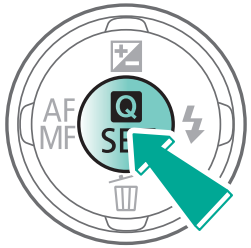
Adjust the movie recording size. The frame rate indicates how many frames are recorded per second, and your options depend on the NTSC or PAL setting.

1 Set the shooting mode

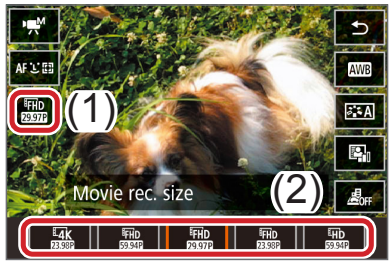


- mode → (SET) button → choose a mode → (SET) button

2 Access the setting screen



3 Set up the camera



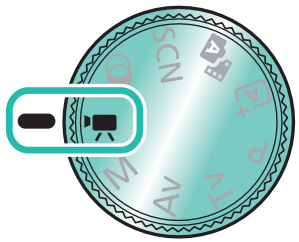
- [FHD 29.97P] → choose an option

Using Auto Level

Auto leveling helps keep movies straight as you record them.

1

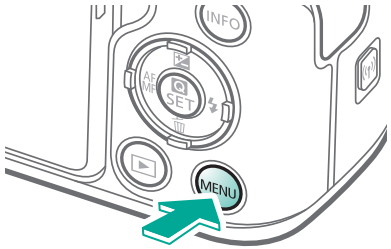
Set the shooting mode



- mode → (SET) button → choose a mode → (SET) button

2

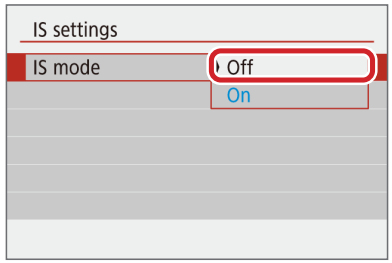
Access the menu screen



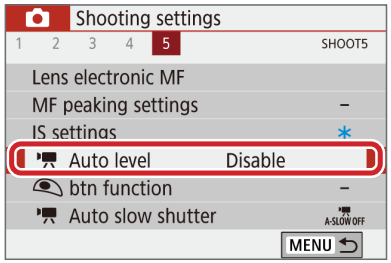
- **MENU** button → [📷] → (SET) button

3

Set up the camera



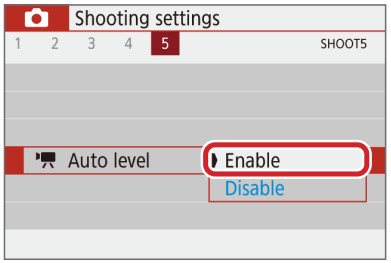
- [📷5] → [IS settings] → [IS mode] → [Off]



- [📷5] → [Auto level]

Using Auto Level

Auto leveling helps keep movies straight as you record them.



- [Enable]

Playback

Viewing	Finding	Managing
Erasing Images	Editing Stills	Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera	Editing Movies	

Viewing Stills

Magnifying Images

Viewing Slideshows

Viewing Movies

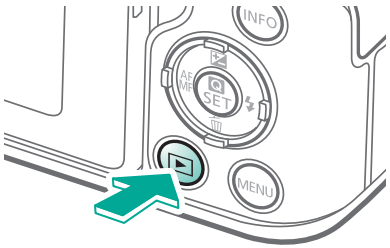
Viewing Digest Movies

Viewing Stills

After shooting images, you can view them on the screen.

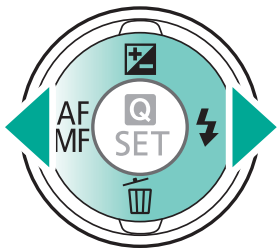
1

Set display to playback



2

Browse your images

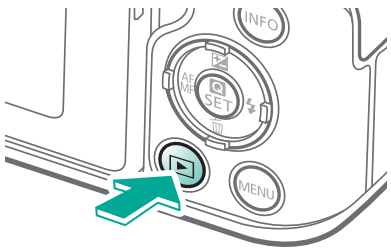


Magnifying Images

Images you play back can be magnified.

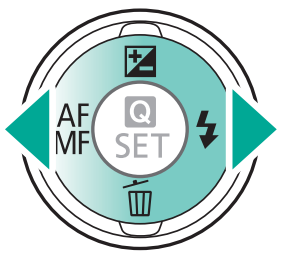
1

Set display to playback



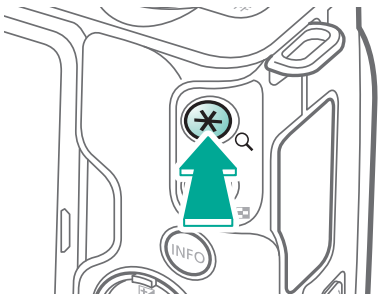
2

Browse your images



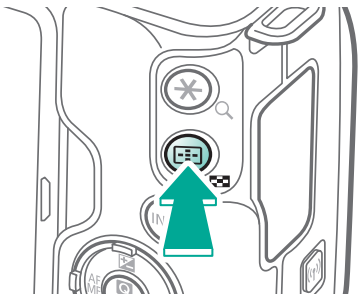
3

Magnify or reduce the image displayed



- Magnify: ✳ button
- Magnify further: keep holding the ✳ button
- Single-image display: ▶ button

Images you play back can be magnified.



- Reduce: button
- Reduce further: keep holding the button

4

Move the area shown, as needed

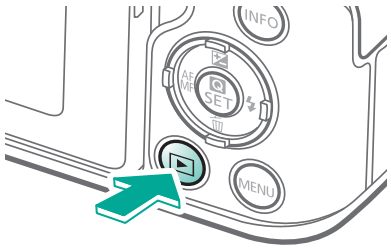
- Move: ▲/▼/◀/▶ buttons
- Single-image display: ▶ button

Viewing Slideshows

Automatically play back images from a memory card.

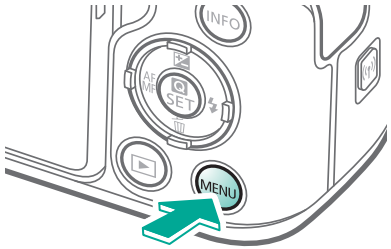
1

Set display to playback



2

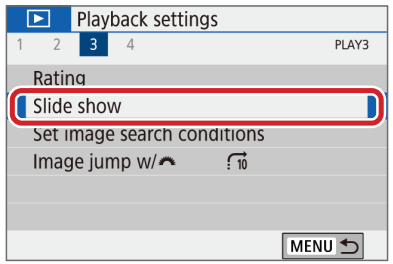
Access the menu screen



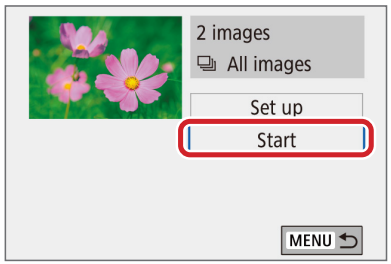
- **MENU** button → [▶] → (SET) button

3

Set up the camera

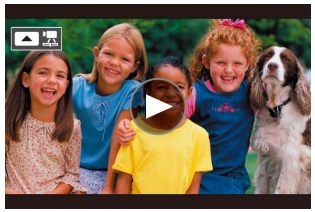


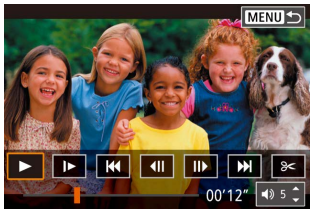
- [▶3] → [Slide show]



- [Start]

Viewing Movies

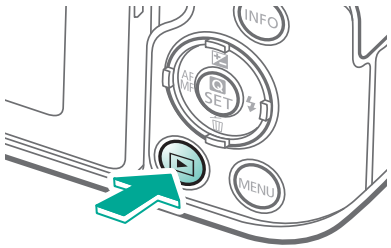




After recording movies, you can view them on the screen.

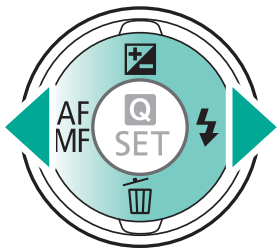
1

Set display to playback



2

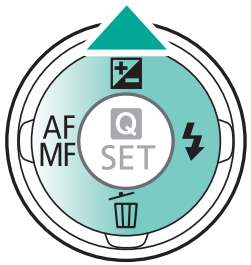
Browse your images



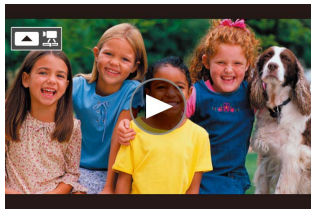
- Movies are labeled with [▲].

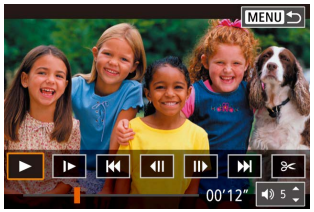
3

Play the movie



- ▲ button: Display movie playback panel



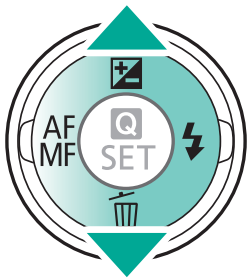


After recording movies, you can view them on the screen.

● ◀/▶ buttons → [▶]

4

Adjust the volume



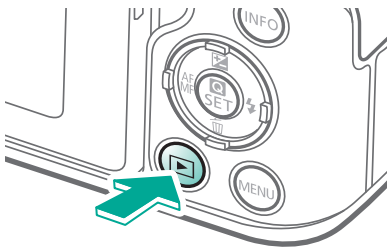
- Increase the volume:
  ▲ button
- Decrease the volume:
  ▼ button

Viewing Digest Movies

A short movie of scenes that include your shots in mode is created automatically. Playing a digest movie shows the scenes captured that day.

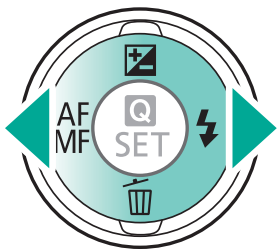
1

Set display to playback



2

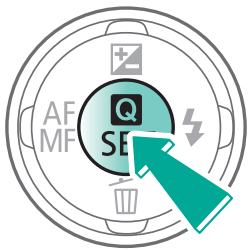
Browse your images



- Digest movies are labeled with [SET].

3

Play the movie



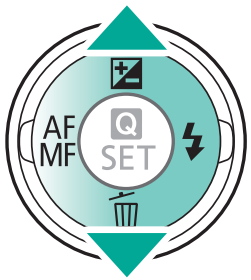
Viewing Digest Movies

A short movie of scenes that include your shots in mode is created automatically. Playing a digest movie shows the scenes captured that day.

- [ ]

4

Adjust the volume

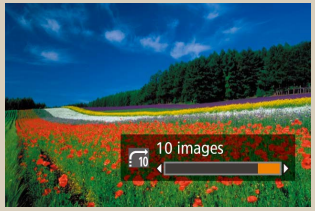


- Increase the volume:
  ▲ button
- Decrease the volume:
  ▼ button

Viewing	Finding	Managing
Erasing Images	Editing Stills	Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera	Editing Movies	

Finding Images in an Index

Finding Images Matching Specified Conditions



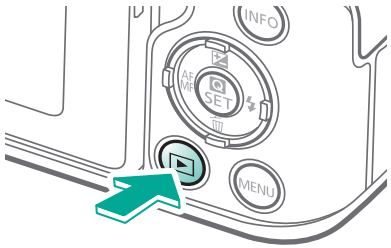
Finding Images with the Main Dial

Finding Images in an Index

By displaying multiple images in an index, you can quickly find the images you are looking for.

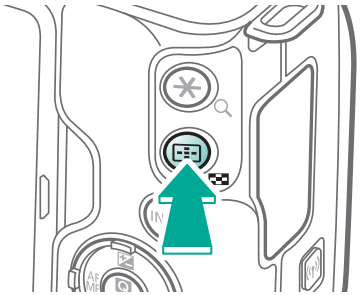
1

Set display to playback



2

Display images in an index



- Display multiple images: [ ] button
- Increase the images per screen: press the [ ] button repeatedly

3

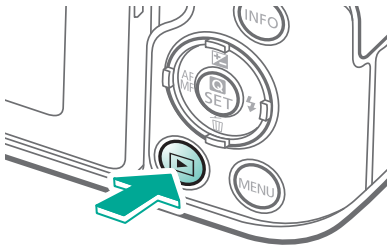
Find the images

- ▲/▼/◀/▶ buttons

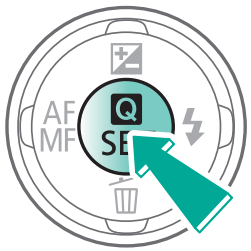
Finding Images Matching Specified Conditions

Find desired images quickly on a memory card full of images by filtering image display according to your specified conditions.

1 Set display to playback



2 Access the setting screen



3 Find the images

- [🔭]

- ▲/▼ buttons to navigate → ◀/▶ buttons to adjust

Finding Images Matching Specified Conditions

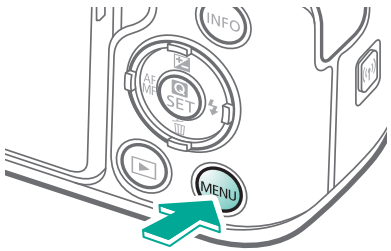
Find desired images quickly on a memory card full of images by filtering image display according to your specified conditions.

- Matching images are displayed in yellow frames.

Finding Images with the Main Dial

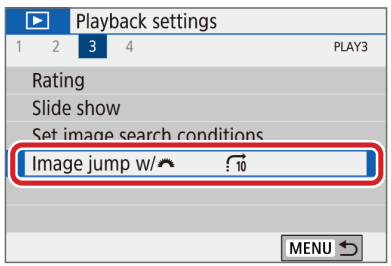
Use the main dial to find and jump between desired images quickly according to your specified conditions.

1 Access the menu screen

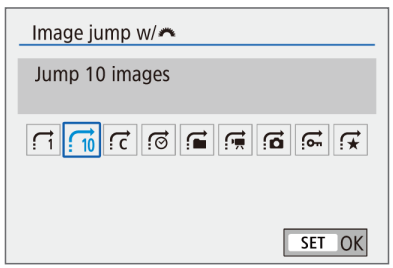


- **MENU** button → [▶] → (SET) button

2 Specify a search condition

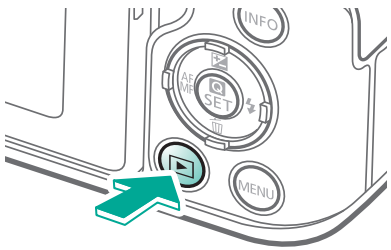


- [▶3] → [Image jump w/]



- Choose an option.

3 Set display to playback

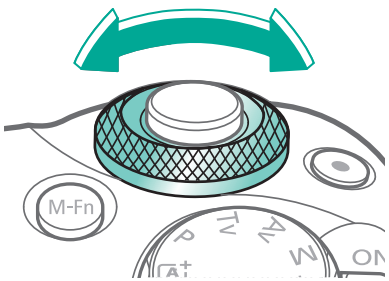


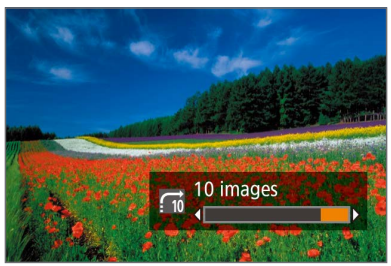
Finding Images with the Main Dial

Use the main dial to find and jump between desired images quickly according to your specified conditions.

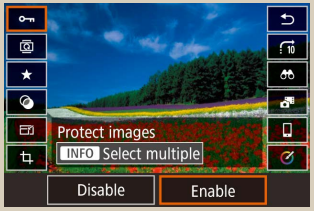
4

Find the images

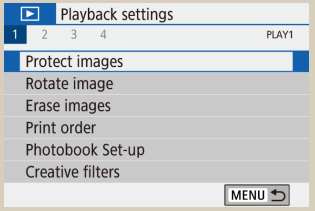




Viewing	Finding	Managing
Erasing Images	Editing Stills	Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera	Editing Movies	



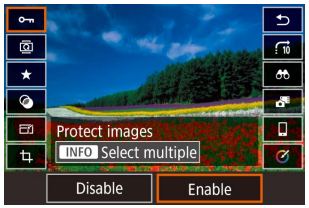
Protecting Individual Images



Protecting Multiple Images

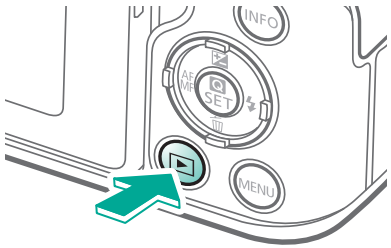
Rating Images

Protecting Individual Images

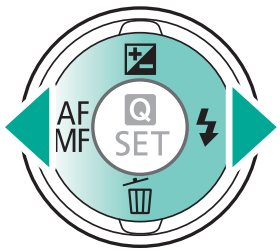


Individual images can be protected to prevent accidental erasure of important images.

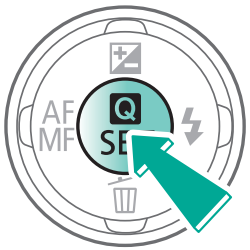
1 Set display to playback



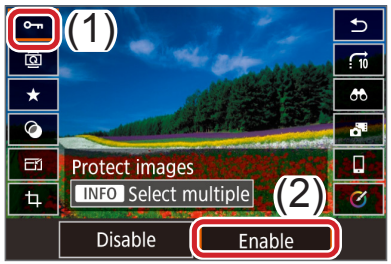
2 Browse your images



3 Access the setting screen



4 Protect

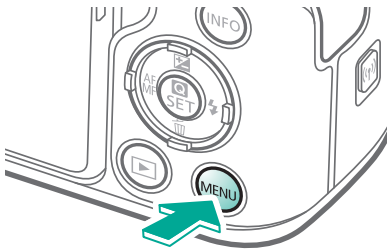


- [🔑] → [Enable]

Protecting Multiple Images

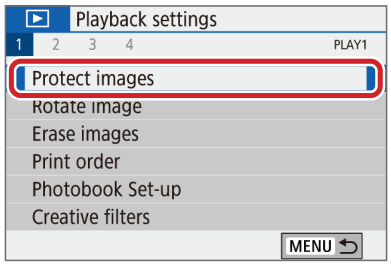
Images can be protected either with [🔑] on the setting screen or with [Protect images] in the [▶] menu.
[Protect images] can be used for individual images, ranges of images, or entire folders or memory cards.

1 Access the menu screen

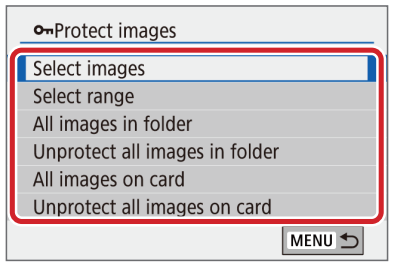


- **MENU** button → [▶] → (SET) button

2 Set up the camera



- [▶1] → [Protect images]



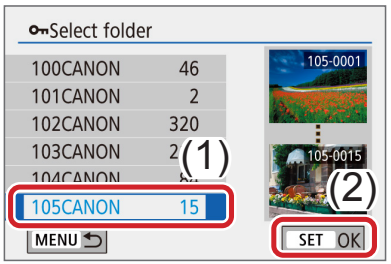
- Choose a selection method.

- Select images: Choose an image → (SET) button

Protecting Multiple Images

Images can be protected either with [🔑] on the setting screen or with [Protect images] in the [▶] menu.
[Protect images] can be used for individual images, ranges of images, or entire folders or memory cards.

- Select range: Choose the first image → choose the last image



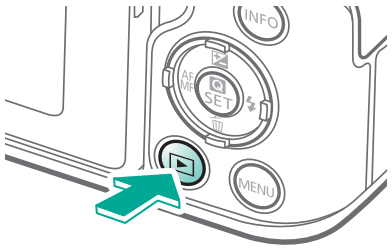
- All images in folder: Choose a folder → [OK]

- All images on card: [OK]

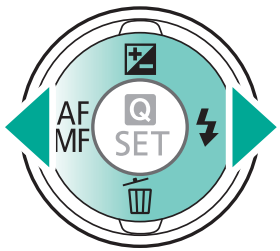
Rating Images

Organize images by rating them on a scale of 1 – 6.

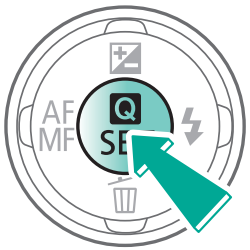
1
Set display to playback



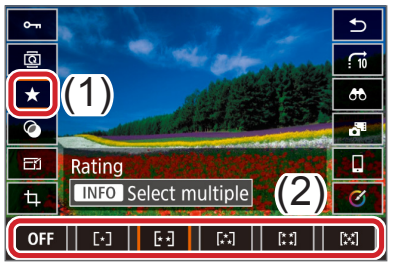
2
Browse your images



3
Access the setting screen



4
Set up the camera

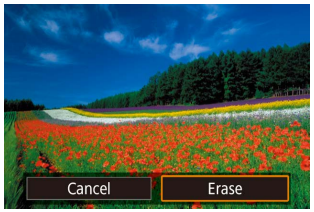


- [★] → choose an option

Erasing Individual Images

Erasing Multiple Images at Once

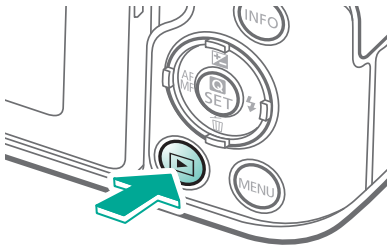
Erasing Individual Images



You can choose and erase unneeded images one by one. Be careful when erasing images, because they cannot be recovered.

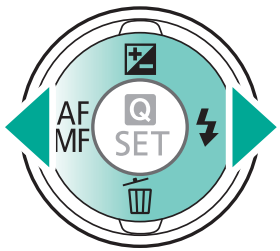
1

Set display to playback



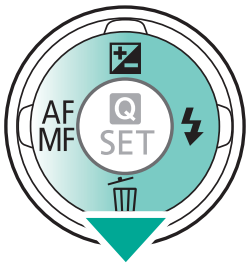
2

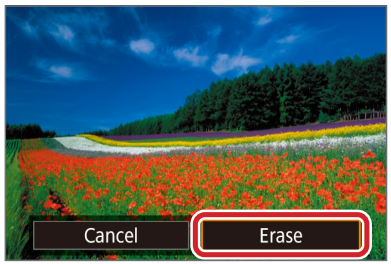
Browse your images



3

Erase



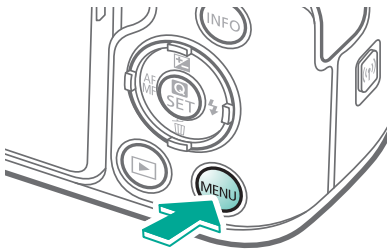


- [Erase]

Erasing Multiple Images at Once

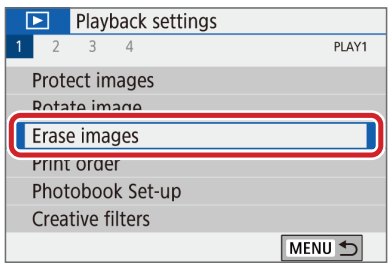
You can choose multiple images to erase at once. Be careful when erasing images, because they cannot be recovered.

1 Access the menu screen

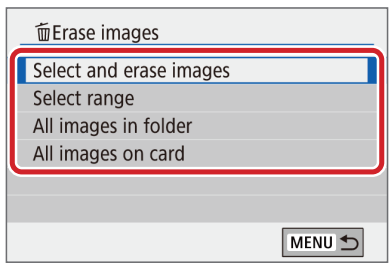


- **MENU** button → [▶] → (SET) button

2 Set up the camera



- [▶1] → [Erase images]



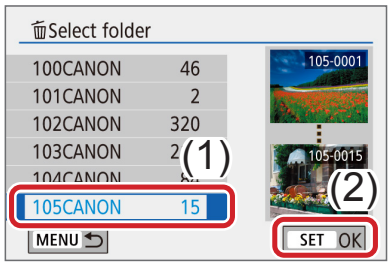
- Choose a selection method.

Erasing Multiple Images at Once

You can choose multiple images to erase at once. Be careful when erasing images, because they cannot be recovered.

- Select and erase images: Choose an image → **MENU** button → [OK]

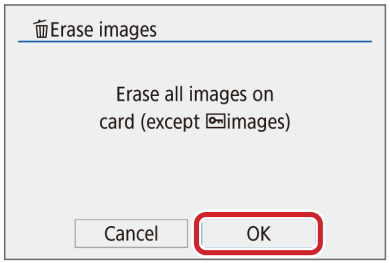
- Select range: Choose the first image → choose the last image → **MENU** button → [OK]



- All images in folder: Choose a folder → [OK]

Erasing Multiple Images at Once

You can choose multiple images to erase at once. Be careful when erasing images, because they cannot be recovered.



- All images on card: [OK]

Viewing	Finding	Managing
Erasing Images	Editing Stills	Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera	Editing Movies	

Applying Filter Effects (Creative Filters)

Rotating Images

Correcting Red-Eye

Cropping

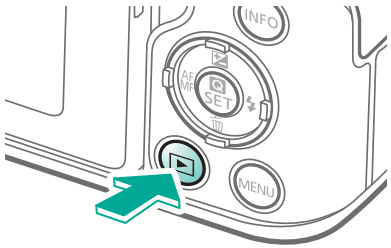
Resizing Images

Applying Filter Effects (Creative Filters)

Apply effects equivalent to shooting in [/] modes to images and save them as separate images.

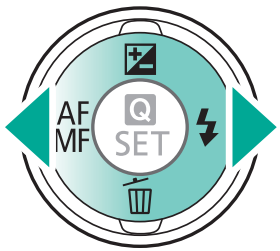
1

Set display to playback



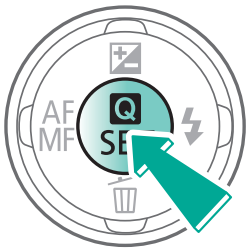
2

Browse your images



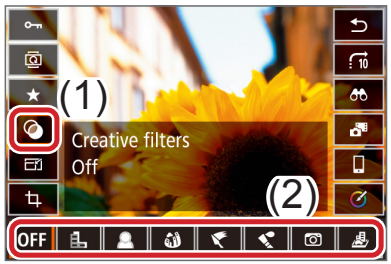
3

Access the setting screen



4

Set up the camera

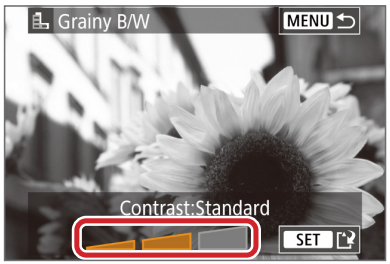


- [] → choose an option

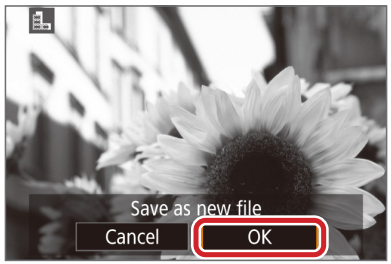
Apply effects equivalent to shooting in [/ / / / /] modes to images and save them as separate images.

5

Save

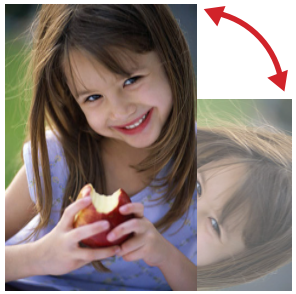


- Adjust the effect level: buttons



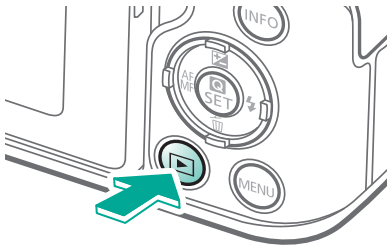
- (SET) button → [OK]

Rotating Images

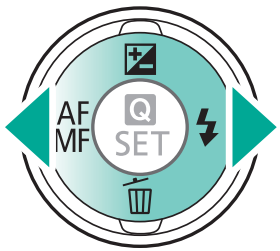


Change the orientation of images and save them.

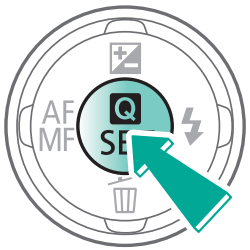
1
Set display to playback



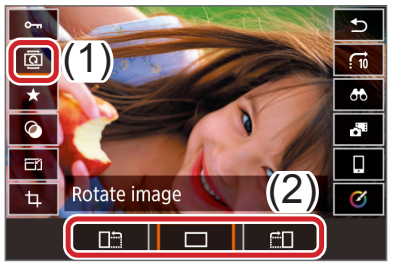
2
Browse your images



3
Access the setting screen

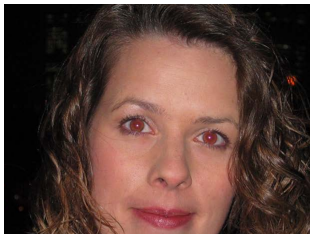


4
Rotate the image



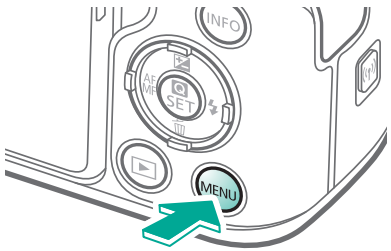
- [⟲] → choose an option

Correcting Red-Eye



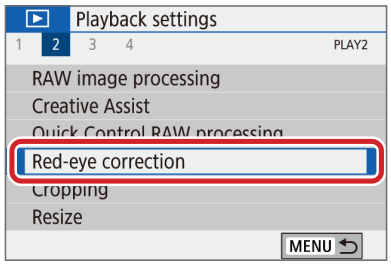
Automatically corrects images affected by red-eye. You can save the corrected image as a separate file.

1 Access the menu screen



- **MENU** button → [▶] → (SET) button

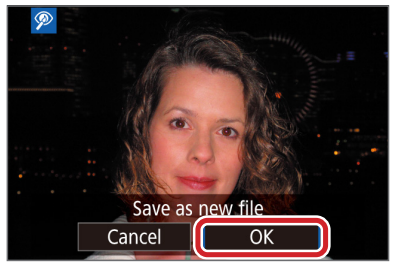
2 Correct red-eye



- [▶2] → [Red-eye correction]

- Choose an image: ◀▶ buttons
- Correct: (SET) button

3 Save

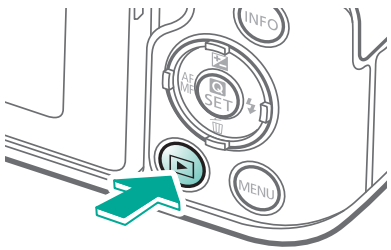


- [OK]

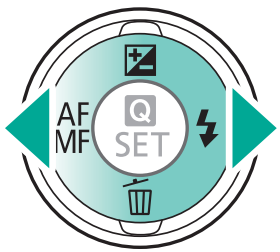
Cropping

You can specify a portion of an image to save as a separate image file.

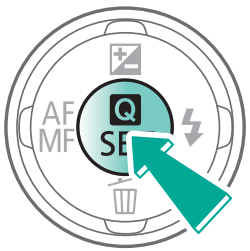
1
Set display to playback



2
Browse your images



3
Access the setting screen



4
Crop the image

- [⧉]

Cropping

You can specify a portion of an image to save as a separate image file.

- Move to another setting item: dial

- Resize or move the cropping frame, straighten the image, or change the aspect ratio.
- Resizing the frame
  Reduce: ✱ button
  Enlarge: button

- Move the frame: ▲/▼/◀/▶ buttons

- Straighten the image: [ ] → dial

Cropping

You can specify a portion of an image to save as a separate image file.

- Change the aspect ratio: [ ] → (SET) button

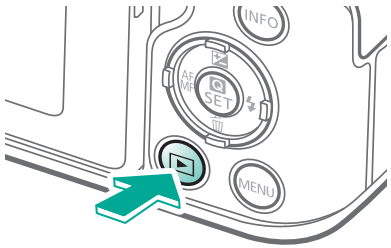
- Preview the image: [ ] → (SET) button

- Save as a new image: [ ] → (SET) button → [OK]

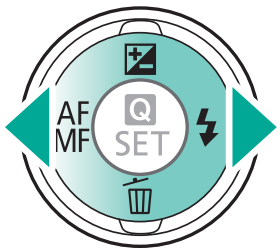
Resizing Images

Save a smaller version of an image, with fewer pixels.

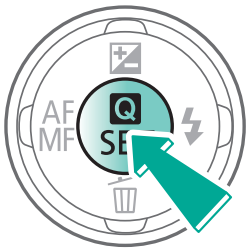
1
Set display to playback



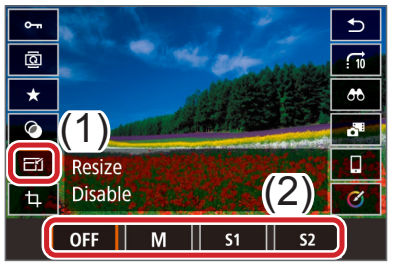
2
Browse your images



3
Access the setting screen



4
Resize



- → choose an option → Q SET button → [OK]

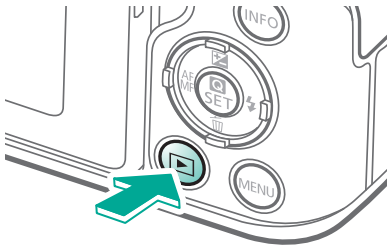
Viewing	Finding	Managing
Erasing Images	Editing Stills	Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera	Editing Movies	

Applying Your Favorite Effects (Creative Assist)

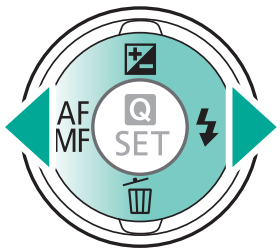
Applying Your Favorite Effects (Creative Assist)

Apply effects that you like to RAW images and save as new JPEGs.

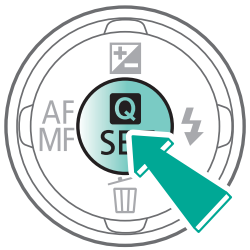
1 Set display to playback



2 Choose a RAW image



3 Access the setting screen



4 Choose the setting item

- [ ]

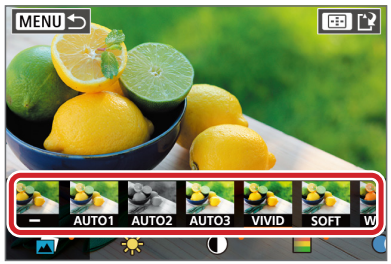
Applying Your Favorite Effects (Creative Assist)

Apply effects that you like to RAW images and save as new JPEGs.

5

Set up the camera

- ◀▶ buttons to choose an item



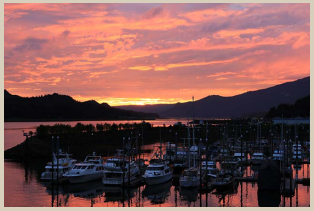
- ◀▶ buttons to set

6

Save

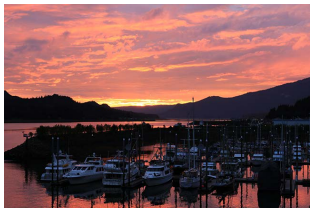
- button → [OK]

Viewing	Finding	Managing
Erasing Images	Editing Stills	Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera	Editing Movies	



Processing RAW Images

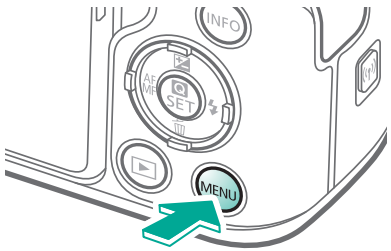
Processing RAW Images



Process images captured in RAW format on the camera. The original RAW image is retained, and a copy is saved as a JPEG.
Available when the mode dial is set to **P/Tv/Av/M/**.

1

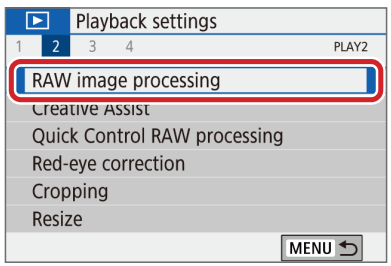
Access the menu screen



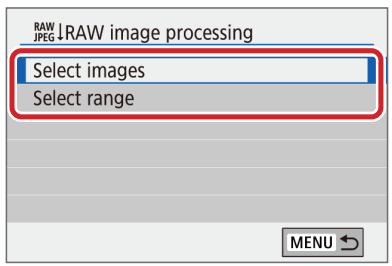
- **MENU** button → [▶] → (SET) button

2

Set up the camera



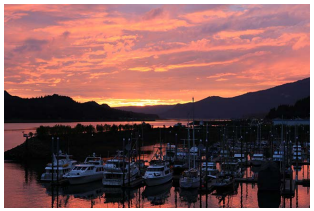
- [▶2] → [RAW image processing]



- Choose a selection method.

- Choose an image → [✓] → **MENU** button

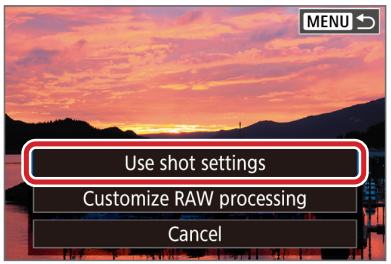
Processing RAW Images



Process images captured in RAW format on the camera. The original RAW image is retained, and a copy is saved as a JPEG.
Available when the mode dial is set to **P/Tv/Av/M/**.

3

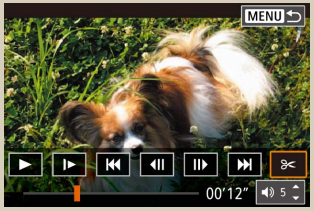
Check



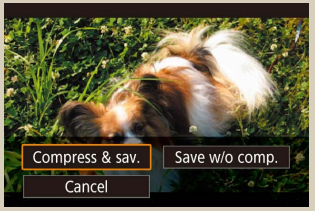
- [Use shot settings] → [OK]

- [Processed img.]

Viewing	Finding	Managing
Erasing Images	Editing Stills	Applying Your Favorite Effects (Creative Assist)
Processing RAW Images with the Camera	Editing Movies	



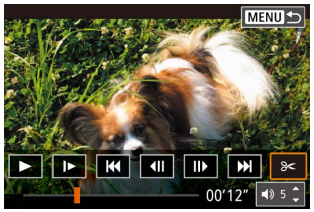
Removing the Beginning/End of Movies



Reducing File Sizes

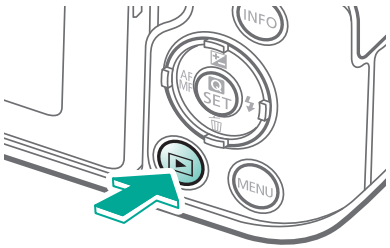
Editing Digest Movies

Removing the Beginning/End of Movies



You can remove unneeded portions from the beginning and end of movies. Note that digest movies cannot be removed.

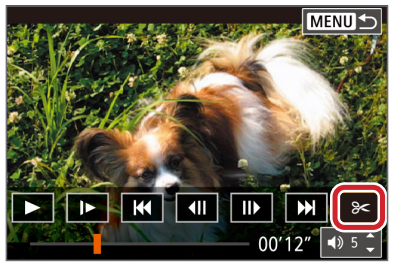
1 Set display to playback



2 Browse your movies

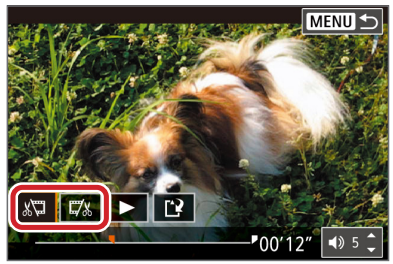
- Choose a movie → ▲ button

3 Edit the movie



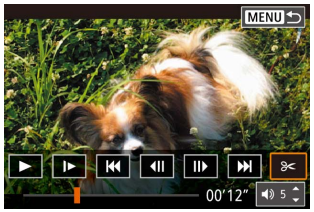
- Movie playback panel → [✂]

4 Specify a portion to remove

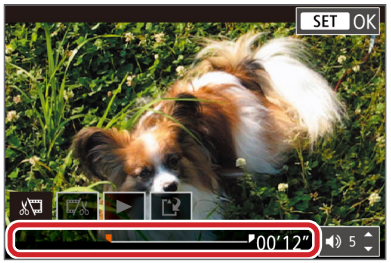


- Cut beginning: [▯◀]
- Cut end: [▶▯]

Removing the Beginning/End of Movies



You can remove unneeded portions from the beginning and end of movies. Note that digest movies cannot be removed.



- ◀▶ buttons → decide the part to remove → (SET) button

5 Check

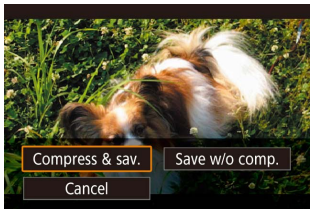
- [▶]

6 Save

- [] → choose an option

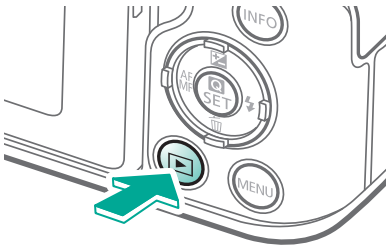
- Choose an option.

Reducing File Sizes



Movie file sizes can be reduced by compressing movies.

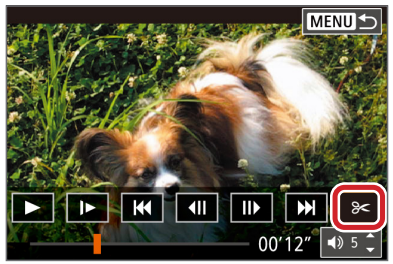
1 Set display to playback



2 Browse your movies

- Choose a movie → ▲ button

3 Edit the movie

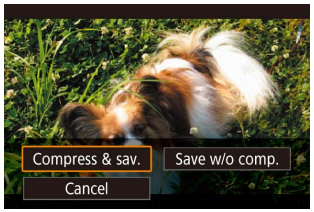


- Movie playback panel → [✂] → [⧉]

4 Save

- [New file]

Reducing File Sizes



Movie file sizes can be reduced by compressing movies.

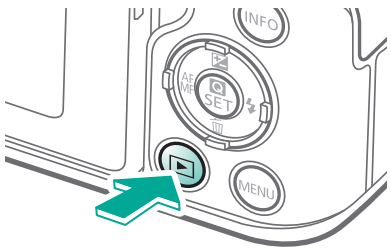
- [Compress & sav.]

Editing Digest Movies

Individual chapters (clips) recorded in mode can be erased, as needed. Be careful when erasing clips, because they cannot be recovered.

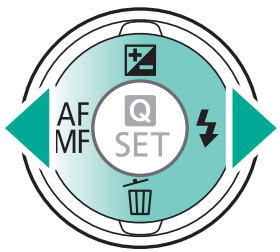
1

Set display to playback



2

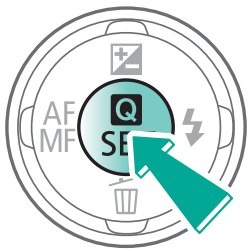
Browse your images



- Digest movies are labeled with [SET].

3

Access the setting screen



Editing Digest Movies

Individual chapters (clips) recorded in [A] mode can be erased, as needed. Be careful when erasing clips, because they cannot be recovered.

4 Start and then pause playback

- [] → (Q SET) button → (Q SET) button during playback

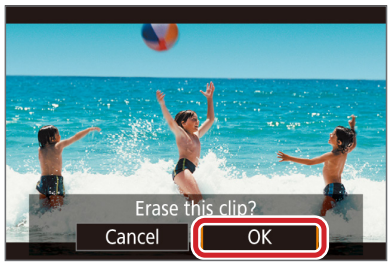
5 Select the clip to erase

- [|◀]/[▶|]

6 Choose [🗑]

- [🗑]

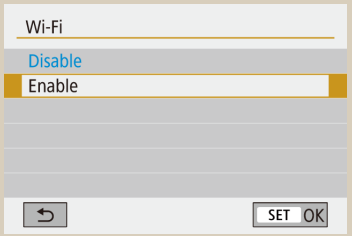
7 Erase



- [OK]

Wireless Features

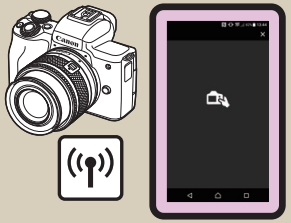
Available Wireless Features



Preparing to Use Wireless Features

Connecting to Bluetooth Enabled Smartphones via Wi-Fi

Connecting to NFC-Compatible Android Smartphones via Wi-Fi



Connecting to Smartphones via Wi-Fi with the Wi-Fi Button

Available Wireless Features

Connecting to smartphones

Control the camera remotely and browse images on the camera over a Wi-Fi connection by using the dedicated Camera Connect app on smartphones or tablets.
You can also geotag images and use other features when connected by Bluetooth®* and Wi-Fi.

* Bluetooth low energy technology (hereafter referred to as “Bluetooth”)

Connecting to computers

Control the camera remotely from a computer connected via Wi-Fi by using EOS Utility, software used with EOS cameras. With Image Transfer Utility 2, images on the camera can also be sent to a computer automatically.

Connecting to printers

Print images over a Wi-Fi connection from printers compatible with PictBridge (wireless LAN) technology.

Connecting to Web services

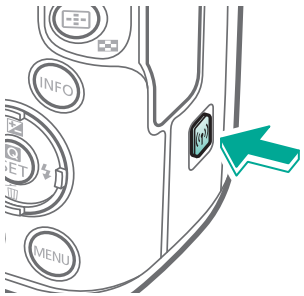
Share images with friends or family on social media or the CANON iMAGE GATEWAY online photo service for Canon customers after you complete member registration (free of charge).

1

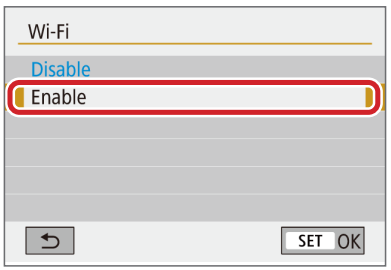
Turn the camera on

2

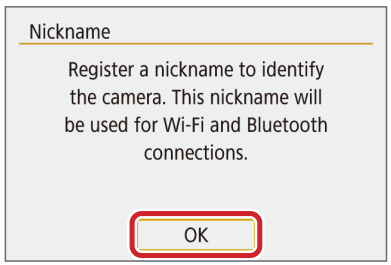
Set up a Wi-Fi connection



- (( )) button



- [Wi-Fi] → [Enable]

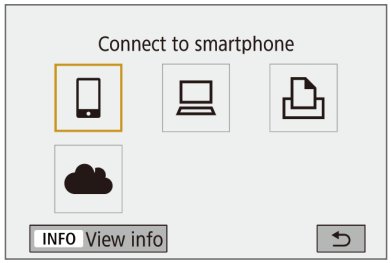


- Q SET button

- **MENU** button → [OK]

3

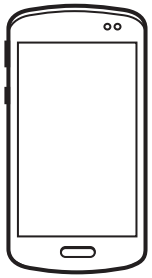
Exit the Wi-Fi settings



- Press the ((•)) button to dismiss this screen.

4

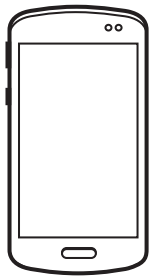
Install Camera Connect



- Download and install Camera Connect from the App Store/ Google Play.

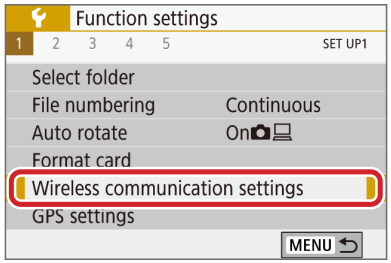
Connecting to Bluetooth Enabled Smartphones via Wi-Fi

1 Get ready

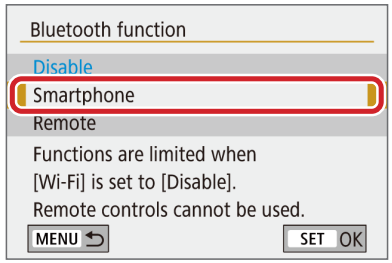


- See “Preparing to Use Wireless Features” (or when finished, go to the next step).

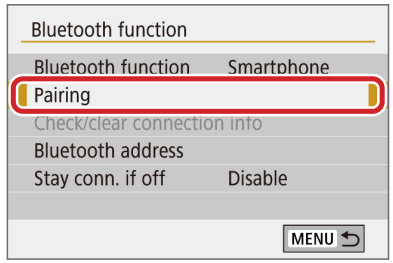
2 Pair with the smartphone



- **MENU** button → [🔧] → [🔧1] → [Wireless communication settings]

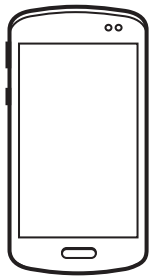


- [Bluetooth function] → [Bluetooth function] again → [Smartphone] → Q SET button



- [Pairing] → [Do not display]

Connecting to Bluetooth Enabled Smartphones via Wi-Fi



- On the smartphone, turn on Bluetooth and start Camera Connect.
- Touch the nickname of the camera for pairing.

- In iOS, also touch [Pair].

3

Use the camera to complete pairing

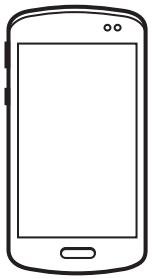
- On the pairing confirmation screen, choose [OK].
- On the pairing notification screen, press the (SET) button.

4

Connect via Wi-Fi and use Camera Connect

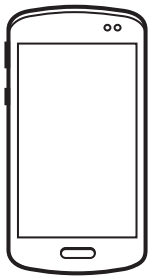
Connecting to Bluetooth Enabled Smartphones via Wi-Fi

In Android



- Choose a function other than [Bluetooth remote controller].
- After the devices are connected via Wi-Fi, a screen for the selected function is displayed.

In iOS

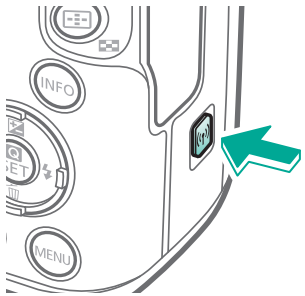


- Choose a function other than [Bluetooth remote controller].
- Touch the button displayed on the smartphone to copy the password, as instructed.
- In the Wi-Fi settings displayed, choose the SSID of the camera to connect to.
- Touch the password field and paste the password to establish a connection.
- Display the Camera Connect screen.
- In a moment, a Wi-Fi connection is established, and a screen for the selected function is displayed on the smartphone.

Connecting to Bluetooth Enabled Smartphones via Wi-Fi

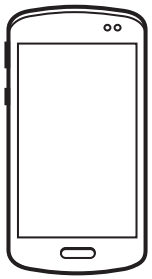
5

End the connection



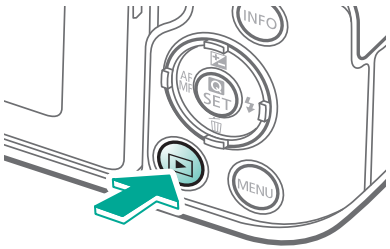
- ((•)) button → [Disconnect,exit] → [OK]

To reconnect



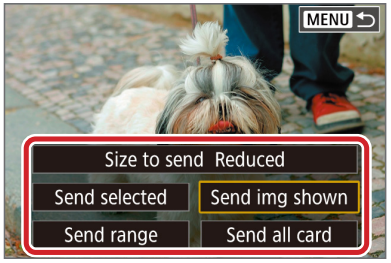
- To reconnect, simply touch the desired operation in Camera Connect.

To send images from the camera to a smartphone



- During image playback, press the SET button.

- → SET button → SET button



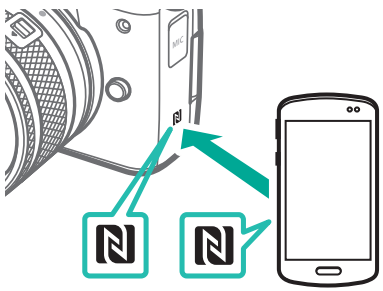
- On the screen displayed, choose images and how to send them.

Connecting to NFC-Compatible Android Smartphones via Wi-Fi

1 Get ready

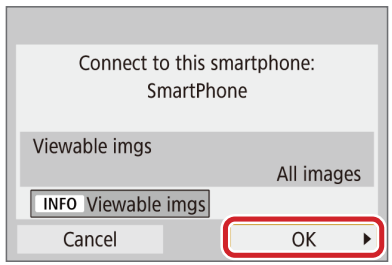
- See “Preparing to Use Wireless Features” (or when finished, go to the next step).

2 Establish the connection



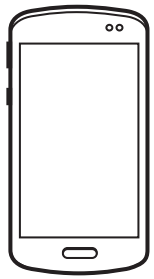
- Touch the N marks together.
- Camera Connect starts up on the smartphone, and the devices are connected automatically.

3 Establish a Wi-Fi connection



- [OK] → Q SET button
- [Wi-Fi on] is displayed on the camera.

4 Use Camera Connect

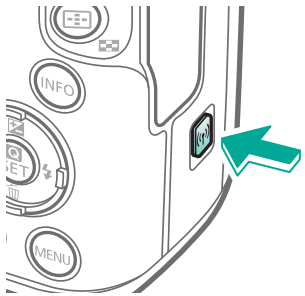


- Use Camera Connect to shoot remotely, browse images on the camera, or save them to the smartphone.

Connecting to NFC-Compatible Android Smartphones via Wi-Fi

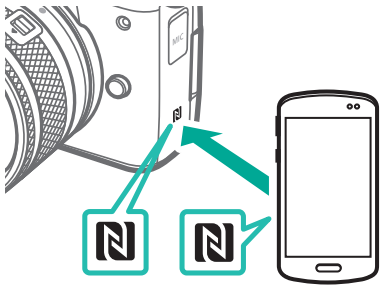
5

End the connection



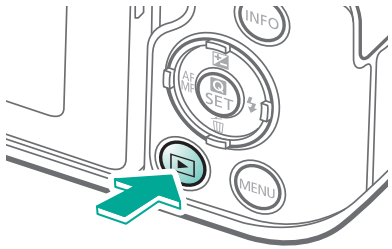
- When the [Wi-Fi on] screen is not displayed on the camera, ((•)) button → [Disconnect,exit] → [OK]

To reconnect

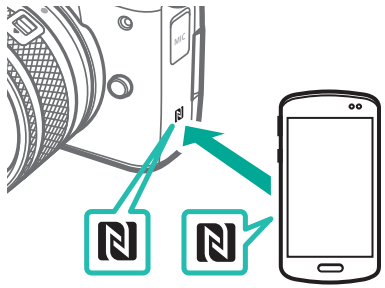


- Turn on the camera and smartphone and touch the N marks together.
- Once the devices are connected, you can use Camera Connect.

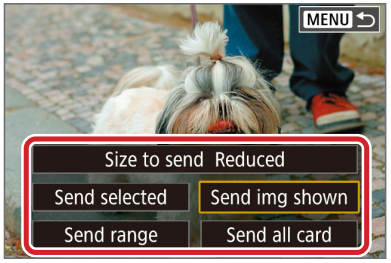
To send images from the camera to a smartphone



- During image playback, press the Q SET button.



- Touch the N marks together.



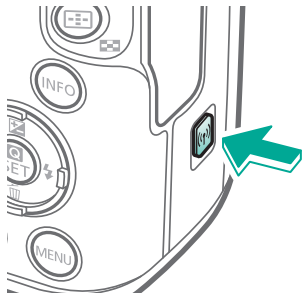
- Once the devices are connected, press the (Q SET) button, and on the screen displayed, choose images and how to send them.

Connecting to Smartphones via Wi-Fi with the Wi-Fi Button

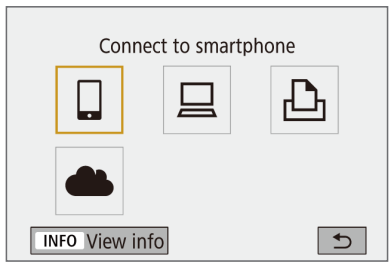
1 Get ready

- See “Preparing to Use Wireless Features” (or when finished, go to the next step).

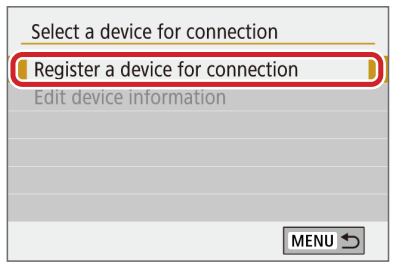
2 Connect via Wi-Fi



- (( )) button

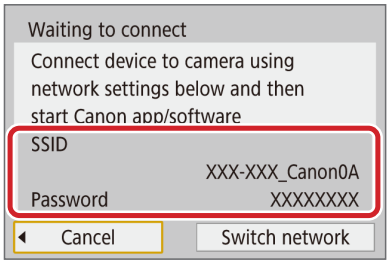


- → Q SET button

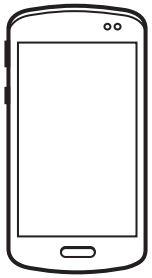


- [Register a device for connection] → [Do not display] → Q SET button

Connecting to Smartphones via Wi-Fi with the Wi-Fi Button

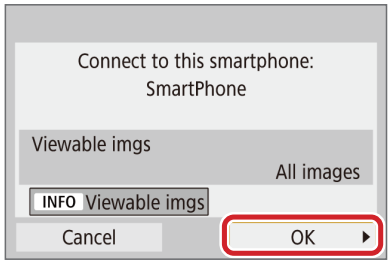


- Check the SSID and password.



- On the smartphone, find Wi-Fi networks and choose the one with the camera's SSID.

- On the smartphone, enter the password displayed on the camera.
- After confirming the Wi-Fi connection, start Camera Connect and choose the camera to connect to.

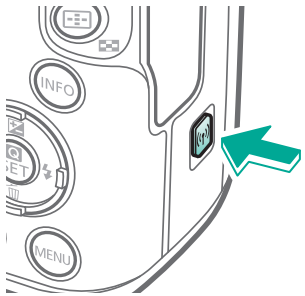


- On the camera: [OK] → Q SET button

Connecting to Smartphones via Wi-Fi with the Wi-Fi Button

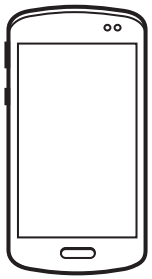
3

End the connection



- (( )) button → [Disconnect,exit] → [OK]

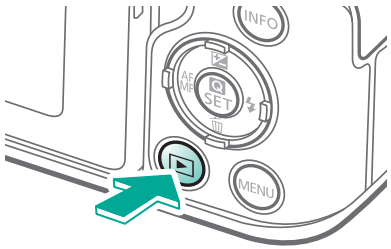
To reconnect



- Start Camera Connect.
- Touch [Easy Connection Guide] and choose a camera to connect to.

- To connect, follow the instructions shown in the guide.

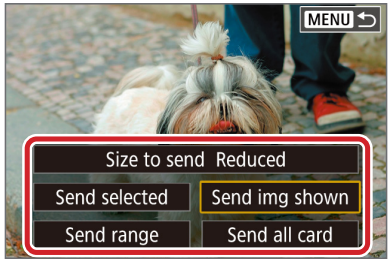
To send images from the camera to a smartphone



- During image playback, press the (SET) button.

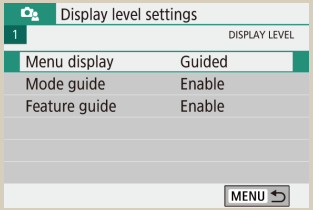
Connecting to Smartphones via Wi-Fi with the Wi-Fi Button

- → Q SET button → Q SET button

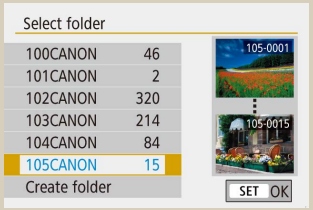


- On the screen displayed, choose images and how to send them.

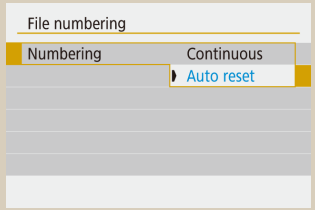
Other Settings



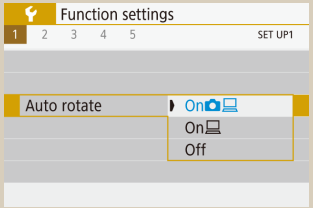
Adjusting Screens/Messages to Match Your Skill Level



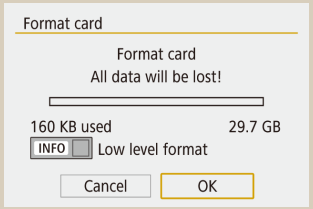
Selecting and Creating Folders



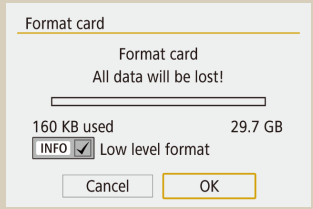
Changing File Numbering



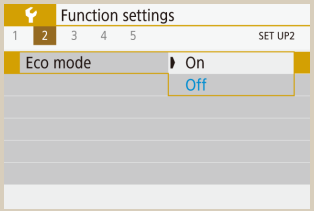
Auto Rotation of Vertical Images



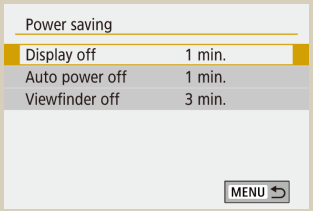
Formatting Memory Cards



Low-Level Formatting



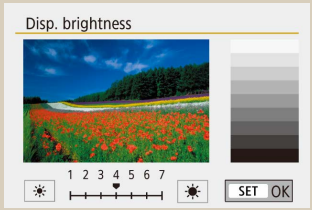
Using Eco Mode



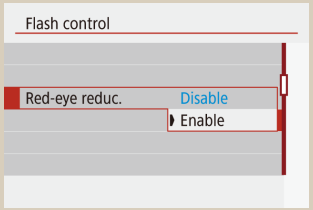
Adjusting Power-Saving Features

Changing the Display Language

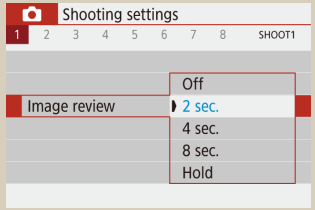
Other Settings



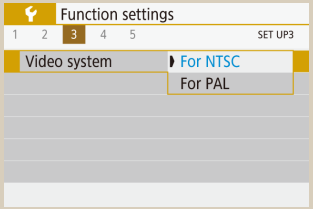
Adjusting Screen Brightness



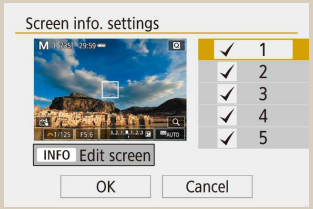
Reducing Red-Eye



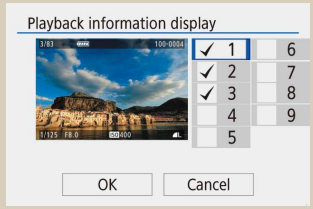
Changing the Image Display Period after Shots



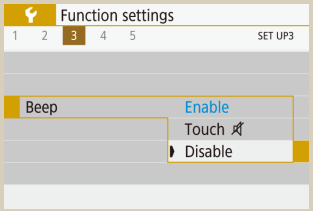
Changing the Video System



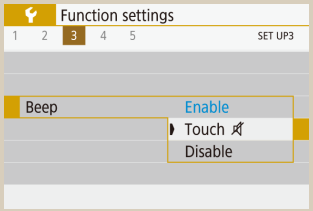
Customizing Shooting Information Display



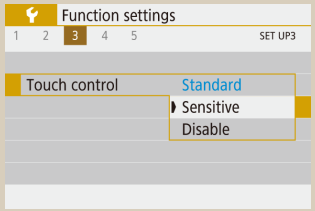
Customizing Playback Information Display



Muting Camera Sounds

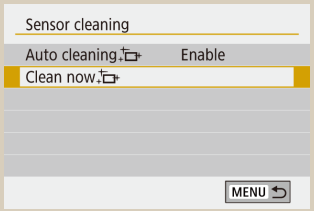


Muting Audio Feedback

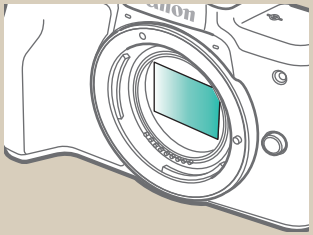


Adjusting the Touch-Screen Panel

Other Settings



Activating Sensor Cleaning

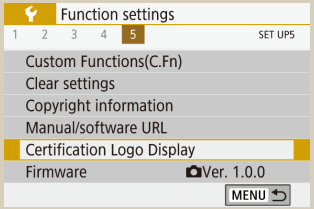


Cleaning the Sensor Manually

Restoring Default Camera Settings

Setting Copyright Information to Record in Images

Deleting All Copyright Information



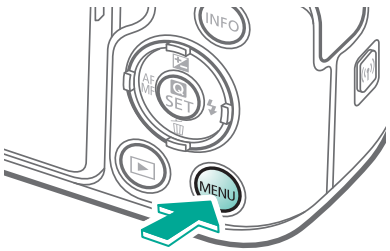
Checking Certification Logos

Adjusting Screens/Messages to Match Your Skill Level

You can adjust how information is presented to suit your ability or preference. You can also hide the guidance normally displayed when you switch shooting modes or choose setting items.

1

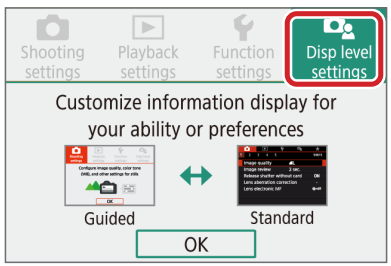
Access the menu screen



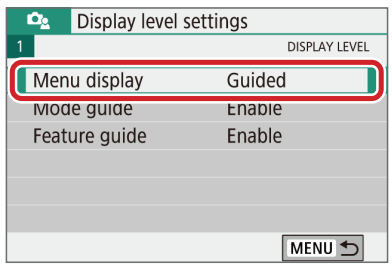
- **MENU** button

2

Set up the camera



- [📷] → (Q SET) button

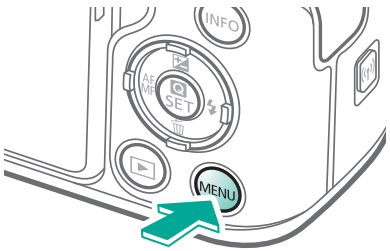


- Choose an item → choose an option

Selecting and Creating Folders

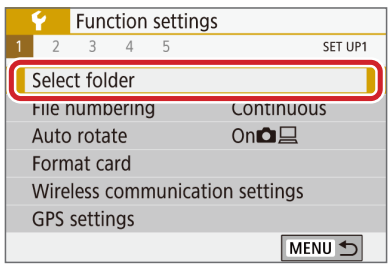
You can select or create folders where images are saved. New folders can be created by selecting [Create folder] on the folder selection screen.

1 Access the menu screen



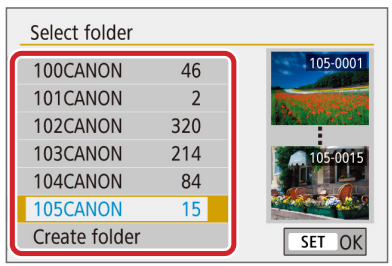
- **MENU** button → [🔧] → (SET) button

2 Access the folder selection screen



- [🔧1] → [Select folder]

3 Set up the camera



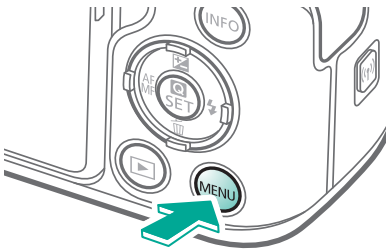
- Select folders: simply select a folder
- Create folders: [Create folder] → [OK]

Changing File Numbering

Your shots are automatically numbered in sequential order (0001 – 9999) and saved in folders that store up to 9,999 images each. You can change how the camera assigns file numbers.

1

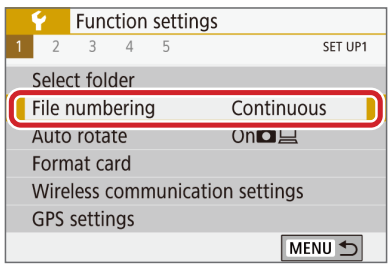
Access the menu screen



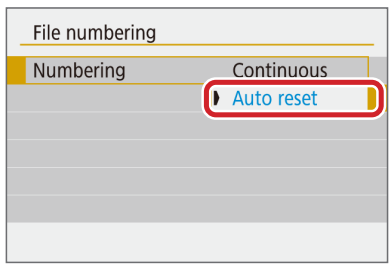
- **MENU** button → [🔧] → (SET) button

2

Set up the camera



- [🔧1] → [File numbering]



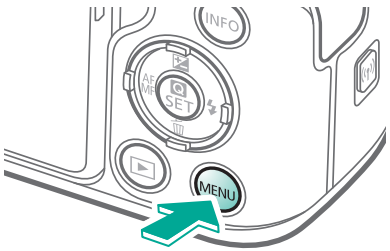
- [Auto reset]

Auto Rotation of Vertical Images

Specify whether images shot in vertical orientation are rotated automatically for larger display on the camera or a computer.

1

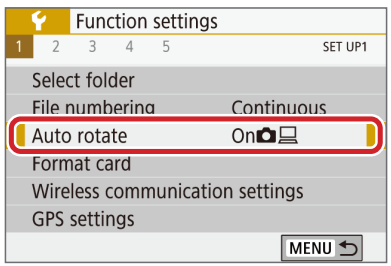
Access the menu screen



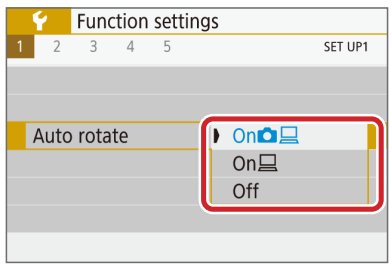
- **MENU** button → [🔧] → (Q SET) button

2

Set up the camera



- [🔧1] → [Auto rotate]



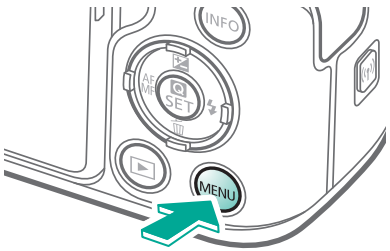
- Choose an option.

Formatting Memory Cards

Before using a new memory card or a card formatted in another device, you should format the card with this camera.
Formatting erases all data on a memory card, which cannot be recovered.

1

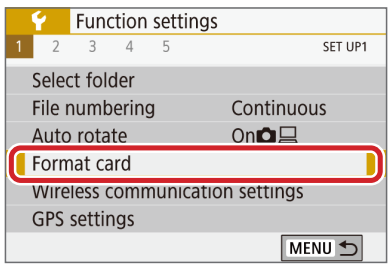
Access the menu screen



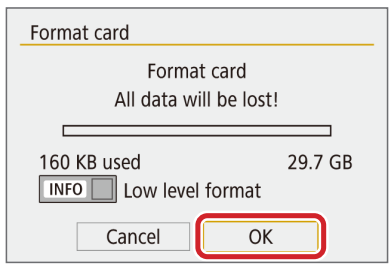
- **MENU** button → [🔧] → (SET) button

2

Set up the camera



- [🔧1] → [Format card]



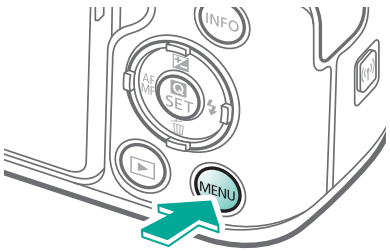
- [OK]

Low-Level Formatting

Perform low-level formatting if the camera is not working correctly, reading/writing of images on the memory card is slower, continuous shooting is slower, or movie recording suddenly stops.
Low-level formatting erases all data on a memory card, which cannot be recovered.

1

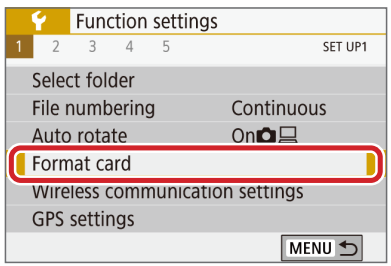
Access the menu screen



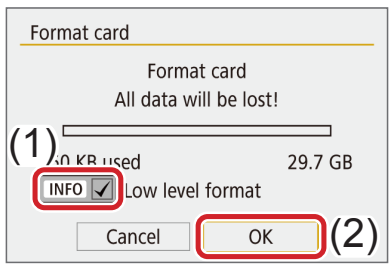
- **MENU** button → [🔧] → (Q SET) button

2

Set up the camera



- [🔧1] → [Format card]



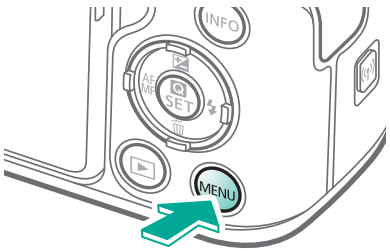
- **INFO** button to select (✓) → [OK]

Using Eco Mode

This function allows you to conserve battery power in shooting mode. When the camera is not in use, the screen darkens to save battery life.

1

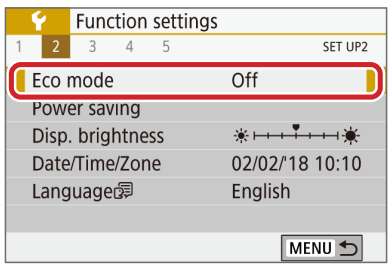
Access the menu screen



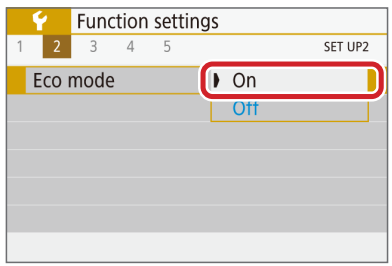
- **MENU** button → [🔧] → (SET) button

2

Choose the setting item



- [🔧2] → [Eco mode]

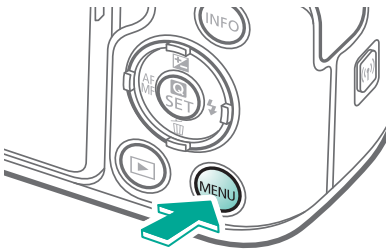


- [On]

Adjusting Power-Saving Features

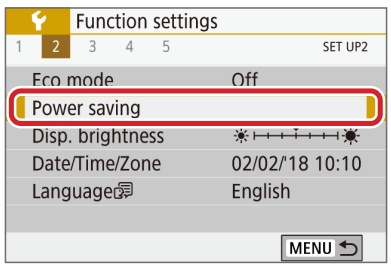
Adjust the timing of automatic deactivation of the camera, screen, and viewfinder (Auto power off, Display off, and Viewfinder off).

1 Access the menu screen

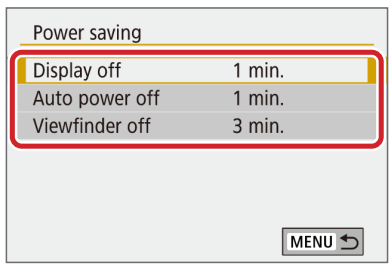


- **MENU** button → [🔧] → (Q SET) button

2 Set up the camera



- [🔧2] → [Power saving]



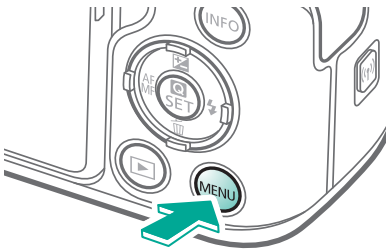
- Choose an item.

- Choose an option.

Changing the Display Language

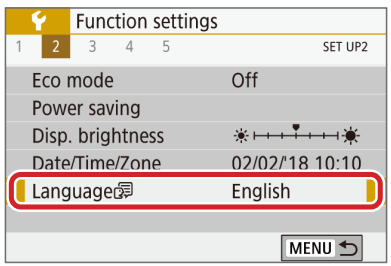
Change the display language as needed.

1 Access the menu screen



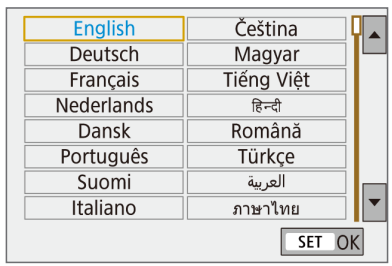
- **MENU** button → [🔧] → (SET) button

2 Choose the setting item



- [🔧2] → [Language]

3 Set up the camera



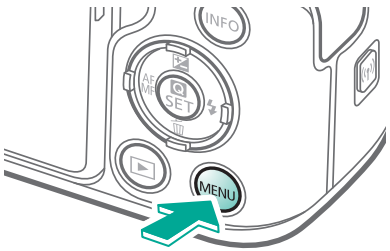
- Choose a language → (SET) button

Adjusting Screen Brightness

Viewfinder and screen brightness can be adjusted separately.
Viewfinder brightness can be set when the viewfinder is active.

1

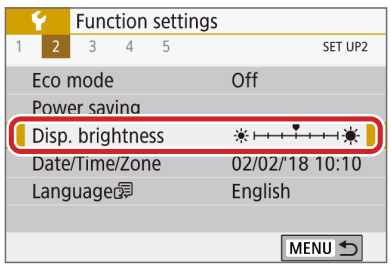
Access the menu screen



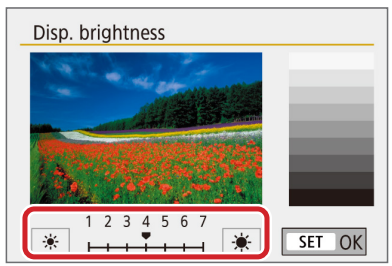
- **MENU** button → [🔧] → (SET) button

2

Set up the camera



- [🔧2] → [Disp. brightness]



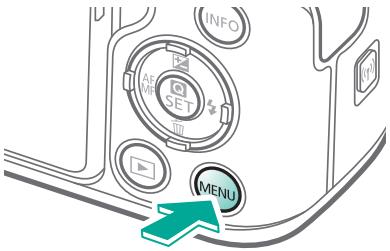
- Brighter: ▶ button
- Darker: ◀ button

Reducing Red-Eye

To help prevent red-eye, the camera can illuminate the red-eye reduction lamp before firing the flash in low-light shots.

1

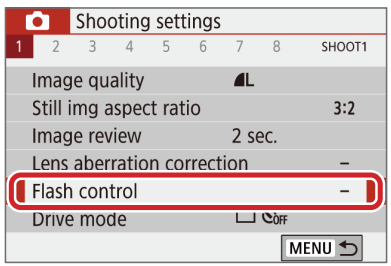
Access the menu screen



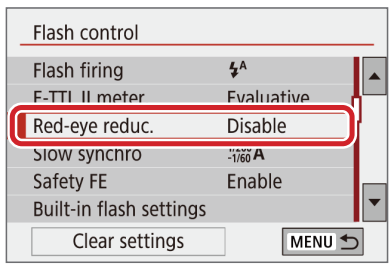
- **MENU** button → [📷] → (SET) button

2

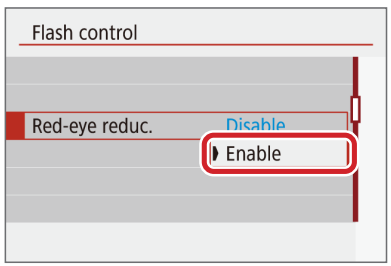
Set up the camera



- [📷1] → [Flash control]



- [Red-eye reduc.]

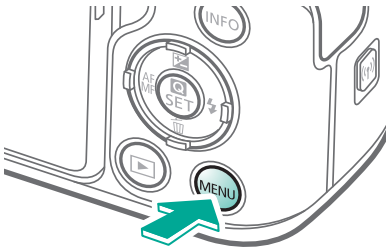


- [Enable]

Changing the Image Display Period after Shots

1

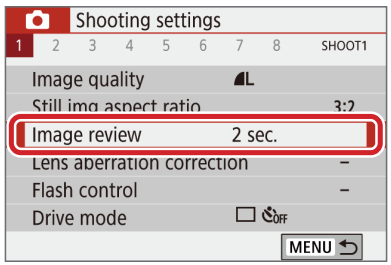
Access the menu screen



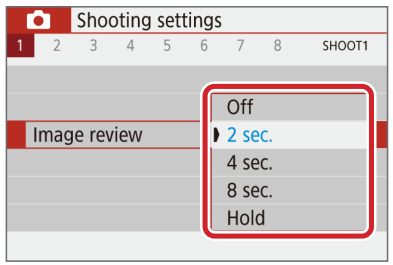
- **MENU** button → [📷] → (SET) button

2

Set up the camera



- [📷1] → [Image review]



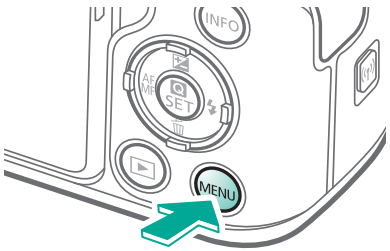
- Choose an option.

Changing the Video System

Set the video system of any television used for display. This setting determines the image quality (frame rate) available for movies.

1

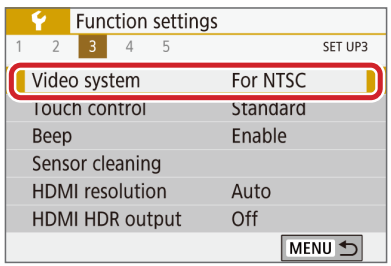
Access the menu screen



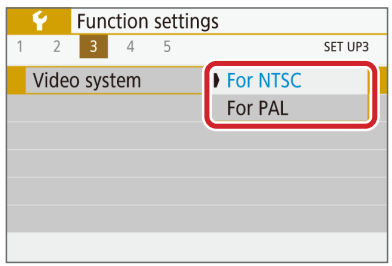
- **MENU** button → [🔧] → (SET) button

2

Set up the camera



- [🔧3] → [Video system]



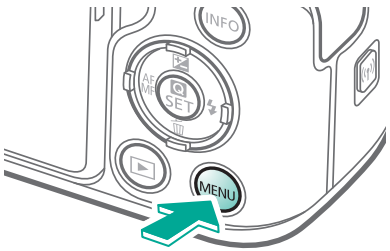
- Choose an option.

Customizing Shooting Information Display

A grid can be shown on the shooting screen. You can also choose the type of histogram shown when the INFO button is pressed.

1

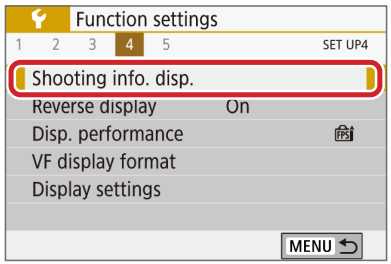
Access the menu screen



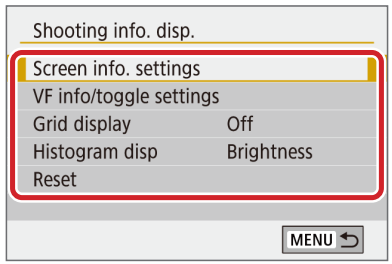
- **MENU** button → [🔧] → (Q SET) button

2

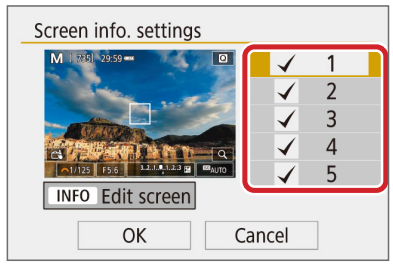
Set up the camera



- [🔧4] → [Shooting info. disp.]



- Choose an item.



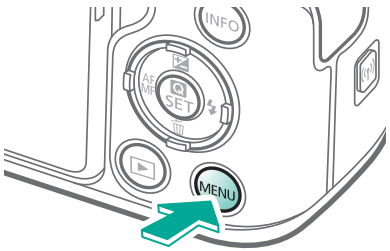
- Choose an option → [OK]

Customizing Playback Information Display

The shooting information displayed changes each time you press the INFO button when display is set to playback. You can customize the information displayed.

1

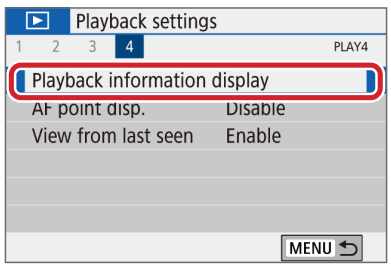
Access the menu screen



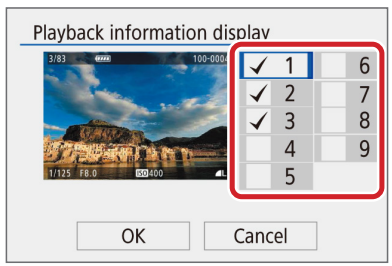
- **MENU** button → [▶] → (SET) button

2

Set up the camera



- [▶ 4] → [Playback information display]



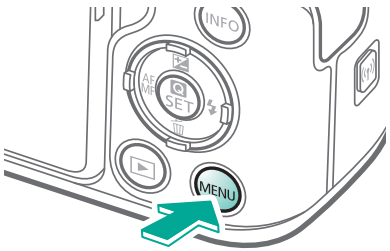
- Choose an option → [OK]

Muting Camera Sounds

Prevent the camera from playing sounds when you press the shutter button halfway or activate the self-timer.

1

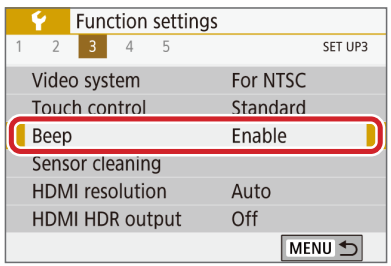
Access the menu screen



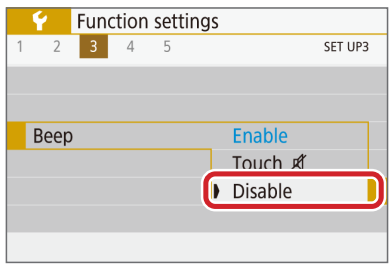
- **MENU** button → [🔧] → (SET) button

2

Set up the camera



- [🔧3] → [Beep]



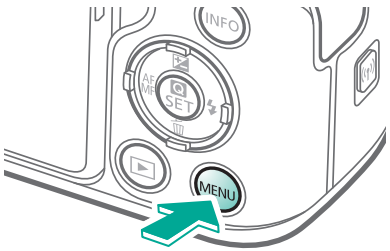
- [Disable]

Muting Audio Feedback

Prevent the camera from playing sounds as feedback after camera operations, such as pressing buttons or touching the screen.

1

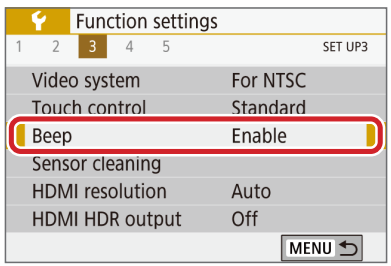
Access the menu screen



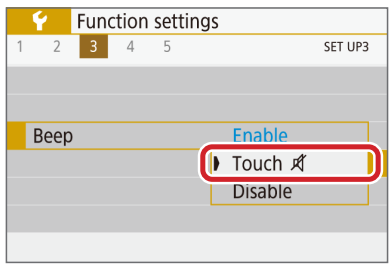
- **MENU** button → [🔧] → (Q SET) button

2

Set up the camera



- [🔧3] → [Beep]



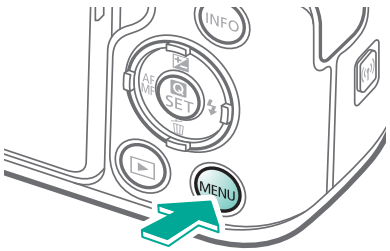
- [Touch 🔇]

Adjusting the Touch-Screen Panel

Sensitivity of the touch-screen panel can be increased, so that the camera responds to a lighter touch.

1

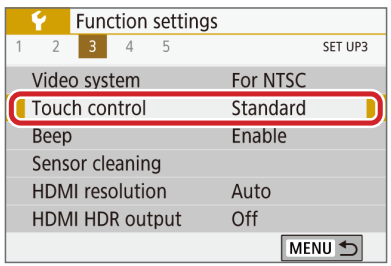
Access the menu screen



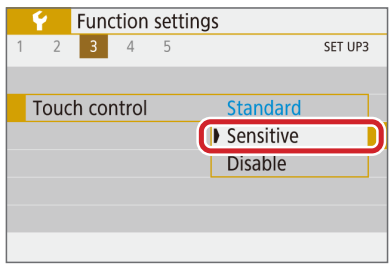
- **MENU** button → [🔧] → (Q SET) button

2

Set up the camera



- [🔧3] → [Touch control]

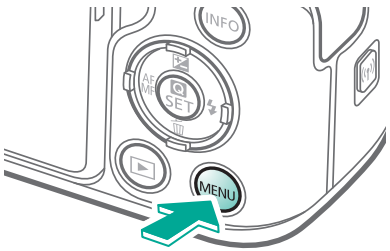


- [Sensitive]

Activating Sensor Cleaning

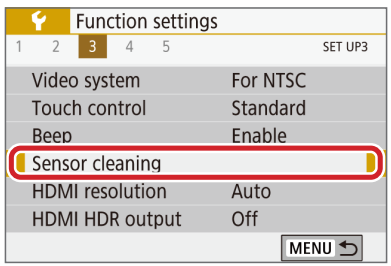
The image sensor is automatically cleaned to remove dust whenever you turn the camera on or off, or when the camera shuts off in Power saving mode. You can activate cleaning as needed.

1 Access the menu screen

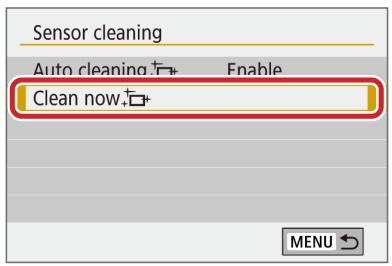


- **MENU** button → [🔧] → (SET) button

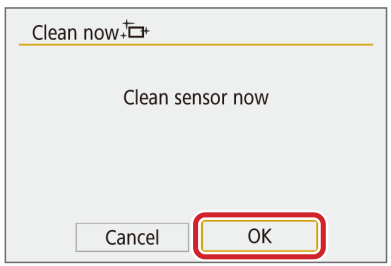
2 Set up the camera



- [🔧3] → [Sensor cleaning]



- [Clean now ✨]



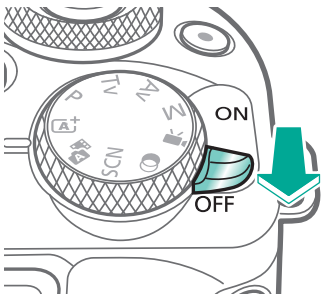
- [OK]

Cleaning the Sensor Manually

Any dust that remains after automatic cleaning can also be removed by using an optional blower or other specialized tool.
The surface of the image sensor is extremely delicate. If the sensor must be cleaned manually, we recommend requesting service from a Customer Support Help Desk.

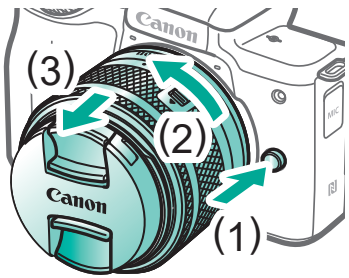
1

Make sure the camera is off



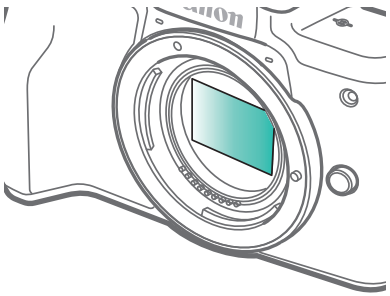
2

Detach the lens



3

Clean the sensor

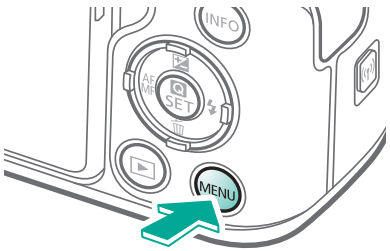


Restoring Default Camera Settings

Restore default camera settings in P/Tv/Av/M/ modes.
You can also clear custom functions (except [Custom Controls] settings) by using [Clear all Custom Func. (C.Fn)].

1

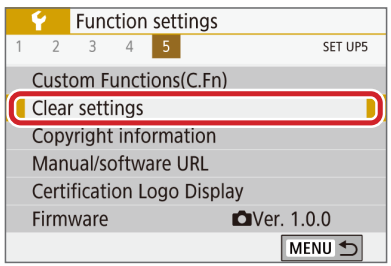
Access the menu screen



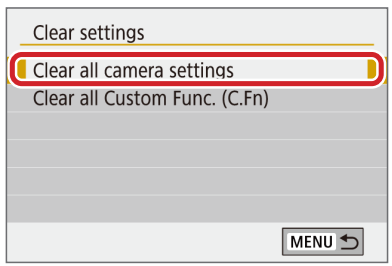
- **MENU** button → [🔧] → (SET) button

2

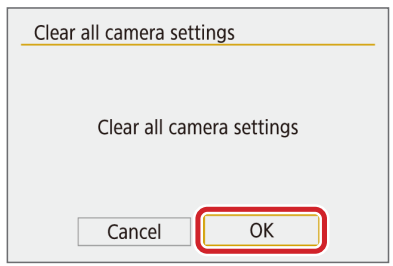
Set up the camera



- [🔧5] → [Clear settings]



- [Clear all camera settings]

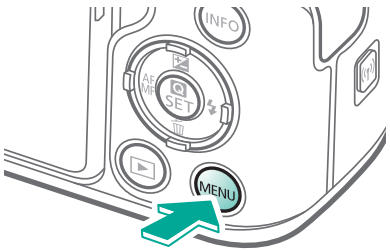


- [OK]

Setting Copyright Information to Record in Images

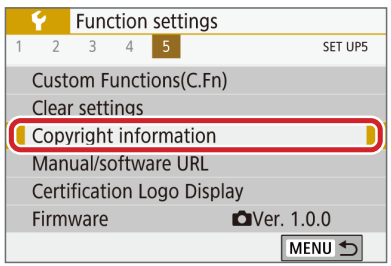
To record the author's name and copyright details in images, set this information beforehand.

1 Access the menu screen



- **MENU** button → [🔧] → (SET) button

2 Set up the camera



- [🔧5] → [Copyright information]

- Choose an item.

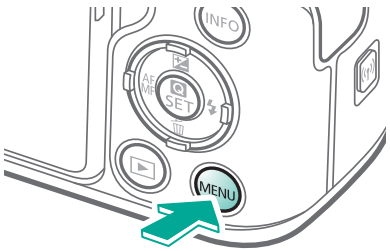
- Enter a name → **MENU** button → [OK]

Deleting All Copyright Information

You can delete both the author's name and copyright details at the same time.

1

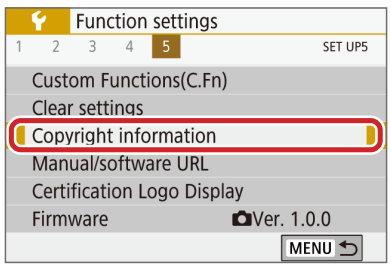
Access the menu screen



- **MENU** button → [🔧] → (SET) button

2

Set up the camera



- [🔧5] → [Copyright information]

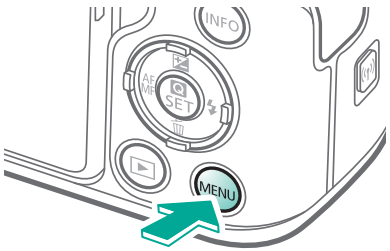
- [Delete copyright information] → [OK]

Checking Certification Logos

Some logos for certification requirements met by the camera can be viewed on the screen. Other certification logos appear in this manual, on the camera packaging, or on the camera body.

1

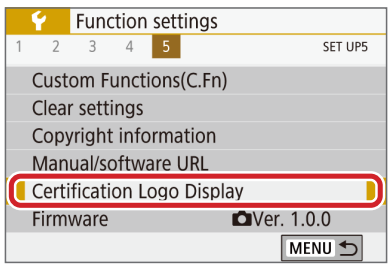
Access the menu screen



- **MENU** button → [🔧] → (Q SET) button

2

Check



- [🔧5] → [Certification Logo Display]

Numbers

1-point AF 148

A

AEB shooting 114
AE lock 115
AF points 148
AF-point zoom 143
Aspect ratio 208
Auto Lighting Optimizer 119
Auto mode (shooting mode) 42
Av (shooting mode) 171

B

Battery pack
    Charging 22
    Eco mode 284
Black and white images 98
Bulb exposure 174

C

Camera
    Resetting 298
Camera Connect 261
CANON iMAGE GATEWAY 260
Charging 22
Chromatic aberration correction 136
Cleaning (image sensor) 296, 297
Close-up (shooting mode) 87, 89
Color temperature 133, 134
Color (white balance) 129
Compression 205
Creative Assist (shooting mode) 94
Creative filters 238

Cropping 242
Custom white balance 130

D

Date/time/zone
    Settings 27
Display language 30
Display period 289

E

Eco mode 284
Editing
    Cropping 242
    Red-eye correction 241
    Resizing images 245
Erasing 233, 234
Exposure
    AE lock 115
    Compensation 113
    FE lock 162
Eye Detection AF 151

F

Face+Tracking 148
Favorites 231
FE lock 162
File numbering 280
Fish-eye effect (shooting mode) 98, 100
Flash
    FE lock 162
    Flash exposure compensation 160
    Flash metering 166
    Flash output 167

Flash timing 164
Mode 159
Flash exposure compensation 160
Focusing
AF points 148
MF peaking 147
Servo AF 153
Focus range
Manual focus 143
Food (shooting mode) 87, 89

G

Grainy B/W (shooting mode) 98
Grid lines 291

H

Handheld night scene
(shooting mode) 87, 90
HDR art bold (shooting mode) 98, 102
HDR art embossed (shooting mode) 98, 102
HDR art standard (shooting mode) 98, 101
HDR art vivid (shooting mode) 98, 101
HDR Backlight Control
(shooting mode) 87, 90
High ISO speed noise reduction 138
Hybrid Auto (shooting mode) 84

I

Image dust prevention 296, 297
Images
Display period 289
Erasing 233, 234

Image stabilization 157
Index display 222
Indicator 75
ISO speed 116

J

Jump display 225

L

Lamp 207, 288
Landscape (shooting mode) 87, 88
Lens
    Attaching 31, 34
    Detaching 33, 35
    Lock release 33, 35
Long exposure 174
Long exposure noise reduction 140

M

Macro photography 89
Magnified display 214
Manual focus 143
Memory cards 24
Menu
    Basic operations 70
    Touch operations 79
Metering method 118
MF (Manual focusing) 143
M-Fn button 53, 181
MF peaking 147
Miniature effect movie (shooting mode) 191
Miniature effect (shooting mode) 103

Movies
Editing 253, 255, 257
Image quality
(pixel count/frame rate) 209
M (shooting mode) 172
Multi-function button 53, 181
Multi Shot Noise Reduction 139

N

Noise reduction
High ISO speed 138, 139
Long exposure 140

P

Panning 91
Part names 52
Peripheral illumination correction 136
Picture Style 124, 125, 127
Pixel count (image size) 205
Playback
Digest movies 219
Image search 223
Index display 222
Jump display 225
Magnified display 214
Movies 217
Slideshows 216
Stills 213
Touch operations 81
Portrait (shooting mode) 87
Protect images 228, 229
Protecting 228, 229
P (shooting mode) 113

Q

Quick Control screen
- Basic operations 68
- Touch operations 77

R

Rating 231
RAW 206
RAW image processing 250
Red-eye correction 241
Resetting 298
Resizing images 245
Rotating 240

S

Saturation 125
Screen
- Display language 30

Searching 223
Self portrait (shooting mode) 87, 88
Self-timer
- Using the self-timer 203

Sending images to
- a smartphone 263, 268, 271

Sensor cleaning 296
Servo AF 153
Silent Mode (shooting mode) 87, 90
Slideshows 216
Smooth skin (shooting mode) 87, 88
Soft focus (shooting mode) 98, 100
Sounds 293, 294
Sports (shooting mode) 87, 89
Strap 21

T

Time-lapse movie (shooting mode) 189
Tone priority 120
Touch Shutter 204
Toy camera effect (shooting mode) 98, 101
Tv (shooting mode) 170

W

Water painting effect
(shooting mode) 98, 100
White balance (color) 129
Wind filter 195
Wireless features 260

Z

Zone AF 148
Zoom 43, 46

Precautions for Wireless Features

- Before goods or technologies in the camera regulated by the Foreign Exchange and Foreign Trade Act are exported (which includes bringing them outside Japan or showing them to non-residents in Japan), export or service transaction permission may be required from the Japanese government.
- Because this product includes American encryption items, it falls under U.S. Export Administration Regulations, and cannot be exported to or brought into a country under U.S. trade embargo.
- Be sure to make notes of the Wi-Fi settings you use.
- The wireless settings saved to this product may change or be erased due to incorrect operation of the product, the effects of radio waves or static electricity, or accident or malfunction.
- Please note that Canon accepts no responsibility for direct or indirect damages or loss of earnings resulting from a degradation or disappearance of content.
- When transferring ownership, disposing of the product, or sending it for repair, restore the default wireless settings by erasing any settings you have entered.
- Canon will not make compensation for damages resulting from loss or theft of the product.
- Canon accepts no responsibility for damages or loss resulting from unauthorized access or use of target devices registered on this product due to loss or theft of the product.
- Be sure to use the product as directed in this manual.

Precautions for Wireless Features

- Be sure to use the wireless function of this product within the guidelines noted in this manual. Canon accepts no responsibility for damages or loss if the function and product are used in ways other than as described in this manual.

Trademarks and Licensing

- Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- Macintosh and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.
- App Store, iPhone, and iPad are trademarks of Apple Inc.
- The SDXC logo is a trademark of SD-3C, LLC.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- Wi-Fi®, Wi-Fi Alliance®, WPA™, WPA2™ and Wi-Fi Protected Setup™ are trademarks or registered trademarks of the Wi-Fi Alliance.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Canon Inc. is under license. Other trademarks and trade names are those of their respective owners.
- The N-Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.
- All other trademarks are the property of their respective owners.
- This device incorporates exFAT technology licensed from Microsoft.

- This product is licensed under AT&T patents for the MPEG-4 standard and may be used for encoding MPEG-4 compliant video and/or decoding MPEG-4 compliant video that was encoded only (1) for a personal and non-commercial purpose or (2) by a video provider licensed under the AT&T patents to provide MPEG-4 compliant video. No license is granted or implied for any other use for MPEG-4 standard.

Disclaimer

- Unauthorized reproduction of this guide is prohibited.
- All measurements based on Canon testing standards.
- Information subject to change without notice, as are product specifications and appearance.
- Illustrations and screenshots in this guide may differ slightly from the actual equipment.
- The above items notwithstanding, Canon cannot be held liable for any loss arising from the use of this product.

Canon

CEL-SX3LA210

© CANON INC. 2018