

Product Highlights

HD Resolution

720P high resolution images ensure that you capture all the details you need

Remote Monitoring

Monitor your business over the Internet, or through the included D-ViewCam™ software

High-Quality Video Feeds

Real-time video compression with H.264, MPEG-4, and MJPEG codecs for distribution and recording of high definition video



DCS-3112

HD PoE Day/Night Fixed Network Camera

Features

High Definition Video

- Sony Exmor 1/4" 1.3 Megapixel CMOS
- progressive sensor
- DC iris varifocal 3.5 mm (W) to 8 mm (T) F1.4 CS mount lens
- HD resolution up to 1.3M (1280x1024)
- H.264, MPEG-4 and Motion JPEG compression
- Built-in removable IR-cut filter for day/night surveillance
- ePTZ for virtual PTZ operation
- Multi-stream support
- Privacy mask
- Motion detection

Security and Flexibility

- Motion detection
- Two-way audio support
- Built-in microphone
- Advanced event management
- HTTPS secured streaming
- 3GPP mobile surveillance

Connectivity

- 10/100 Fast Ethernet port with PoE
- MicroSD/SDHC card slot for onboard storage
- Audio input/output for two way audio

The D-Link DCS-3112 is a High-Definition Day/Night PoE network camera, ideal for businesses and remote monitoring over the Internet. With a progressive 1.3 Megapixel CMOS sensor and built-in IR-cut filter, this camera can deliver high-definition video even in low light conditions.

High Resolution Surveillance

The D-Link DCS-3112 is a high-end HD Day and Night Network Camera, equipped with a 1/4" Megapixel Progressive Scan CMOS sensor and a 3.5-8 mm DC auto iris lens. The camera can capture HD video at resolutions of up to 1280 x 720/1280 x 1024 with frame rates up to 30 fps. Snapshots and video can be saved to a network drive, or to onboard storage through the built-in SD Card slot.

Multiple Video Streams

The DCS-3112 supports simultaneous streaming of H.264, MPEG-4, and MJPEG video to provide both high-quality and bandwidth-efficient compression formats. MJPEG delivers excellent file integrity, ideal for situations which require high image detail. H.264 and MPEG-4 produce a small file size, useful for extended recording or for use in low-bandwidth networks. Additionally, the DCS-3112 supports multicast H.264 and MPEG 4 streaming, allowing users to view the camera feed by subscribing to a multicast IP address on the network.

Removable IR-Cut filter

The DCS-3112 comes with a ICR Filter which can be manually applied via the web, or set to automatically adjust based on lighting conditions. This feature allows the camera to capture crisp colour images during the daytime, and grayscale images in dark.

Flexible Connectivity

The DCS-3112 incorporates Power over Ethernet (PoE), which allows it to be easily installed in a variety of locations, even when no power outlet is nearby. The DCS-3112 also includes input and output ports that allow connectivity to external devices such as IR sensors, switches, and alarm relays. An RS-485 interface provides connectivity to an optional pan/tilt enclosure which effectively adds pan/tilt functionality to the DCS-3112. An additional 12 V interface provides power for an optional LED illuminator.

Open Network Video Interface Forum (ONVIF) Compliant

ONVIF is an open industry forum for the development of a global standard for the interface of IP based physical security products. ONVIF identifies a standard for how IP products within video surveillance and other physical security areas can communicate with each other ensuring interoperability between products regardless of brand. The DCS-3112 is ONVIF compliant and therefore interoperable with other manufacturer's products on the same network such as cameras, storage systems, video analytics products and Video Management Systems.

Centralised management with D-ViewCam™

The included D-Link D-ViewCam™ (DCS-100) is a sophisticated video management software which enables you to manage up to 32 network cameras, set e-mail alert notifications, create recording schedules, and trigger motion detection to record directly to your hard drive or network folder. D-ViewCam™ also allows you to upload a floor plan of your premises, and create a realistic layout according to the locations of your cameras, further simplifying the management process.



If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

Technical Specifications

Camera

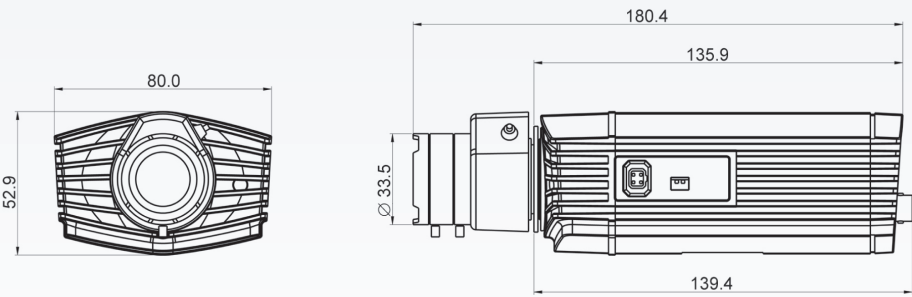
Camera Hardware Profile	• Sony Exmor 1/4" 1.3 Megapixel progressive CMOS sensor • Minimum illumination: 0.4 lux (Color); 0.04 lux (B/W) • 10X digital zoom • DC iris varifocal lens: 3.5 mm to 8 mm	• Built-in Infrared-Cut Removable (ICR) • Aperture F 1.4 • Angle of view • 35.4° to 77.6° (H) • 26.6° to 57.6° (V)
Image Features	• Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows	• 3 configurable privacy mask zones • Configurable brightness, saturation, white balance, shutter speed, contrast, and sharpness
Video Compression	• Simultaneous H.264/MPEG-4/MJPEG format compression • H.264/MPEG-4 multicast streaming	• JPEG for still images
Video Resolution	• 16:9 - 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176, 176 x 144 up to 30 fps recording¹	• 4:3 - 1280 x 1024, 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, 480 x 360, 320 x 240, 176 x 144 up to 30 fps recording¹
Audio Support	• GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps • G.726 audio encoding, bit rate: 8 kbps to 64 kbps	• MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
External Device Interfaces	• 10/100 BASE-TX Fast Ethernet port • 2 DI / 1 DO interface • 12 V DC, 200 mA Output	• RS-485 • Audio input/output • Video Output

Network

Network Protocols	• IPv4 • TCP/IP • UDP • ICMP • DHCP client • NTP client (D-Link) • DNS client • DDNS client (D-Link) • SMTP client • FTP client	• HTTP / HTTPS • Samba client • PPPoE • UPnP port forwarding • RTP / RTSP / RTCP • IP filtering • 3GPP • IGMP • ONVIF compliant
Security	• Administrator and user group protection • Password authentication	• HTTP and RTSP digest encryption

System Management

System Requirements for Web Interface	• Operating system: Microsoft Windows, XP, Vista, 7	• Browser: Internet Explorer, Firefox, Chrome
Event Management	• Motion detection • Event notification and uploading of snapshots/video clips via HTTP, SMTP or FTP	• Supports multiple HTTP, SMTP and FTP servers • Multiple event notifications • Multiple recording methods for easy backup
Remote Management	• Take snapshots/video clips and save to local hard drive or NAS via web browser	• Configuration interface accessible via web browser
Mobile Support	• Devices with 3GPP playback support	
D-ViewCam™ System Requirements	• Operating system: Microsoft Windows 7/Vista/XP • Web browser: Internet Explorer 6 or higher	• Protocol: standard TCP/IP
D-ViewCam™ Software Functions	• Remote management/control of up to 32 cameras • Viewing of up to 32 cameras on one screen	• Supports all management functions in web interface • Scheduled motion triggered, or manual recording options

Physical	
Weight	• 560 g
Power	• 12 V DC • 802.3af PoE
Power Consumption	• 3.6 W.
Temperature	• Operating: 0 to 40 °C (32 to 104 °F) • Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 20% to 80% non-condensing • Storage: 5% to 95% non-condensing
Certifications	• CE • CE LVD • ICES-003 • FCC • C-Tick
Dimensions	 The technical drawing shows two views of the camera. The front view on the left indicates a width of 80.0 mm and a height of 52.9 mm. The side view on the right shows a total length of 180.4 mm, a mounting bracket width of 135.9 mm, a body width of 139.4 mm, and a mounting hole diameter of 33.5 mm.

¹ Frame rates when streaming video may vary depending on network conditions and method used.



For more information: www.dlink.com

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