

Philips
LCD monitor

107 cm (42")

multimedia
Full HD

BDT4251VM



More audience interaction

with a 107 cm/42" touch screen LCD Display

Deliver vital information or marketing messages to your audience in startling clarity with the BDL4251VM/04 display. And thanks to the interactive touch screen, you can also engage your customer much closer than ever before.

Operational flexibility

- Optical Touch Imaging
- Optical IR Touch
- 4 Touch Points
- Compatible with all leading operating systems
- Designed for 24/7 operation

Optimised for public viewing

- Full HD LCD display, 1920 x 1080p
- High brightness for clearer images
- HDMI input for full digital HD connection in one cable

Lower total cost of ownership

- Brightness automatically adjusts with ambient conditions
- Advanced anti-image sticking function

PHILIPS

Highlights

Full HD LCD display 1920 x 1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully

backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

Advanced anti-image sticking

Static images left on-screen for extended periods of time may leave a "ghost image" or image sticking effect on LCD displays. Although image sticking on LCD displays is not permanent, you want to prevent this happening, especially in locations where content is shown 24/7.

Designed for 24/7 operation

Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a

higher level of quality, you can count on this range of models for complete around-the-clock reliability.

4 Touch Points

Enjoy a more interactive experience with 4 touch points. Ideal for when more than one user needs to use your application simultaneously — the 4 Touch Points offer an extremely cost-effective solution.

Optical IR Touch

With an invisible infrared grid on the top of the screen, you can enjoy amazing accuracy and fast response times, even when touched by a finger, glove or stylus. And no "ghost points".

Software compatibility

Our touch displays are software-independent and support Windows 8, Windows 7, Vista, XP, Mac OS and Linux.



Specifications

Picture/Display

- Diagonal screen size: 42 inch / 107 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 1100:1
- Response time (typical): 9 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.485 x 0.485
- Display colours: 1.06 Billion colours

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75 Hz
800 x 600	56, 60, 72, 75 Hz
1024 x 768	60 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1360 x 768	60 Hz
1366 x 768	60 Hz
1440 x 900	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz
1920 x 1200	60 Hz

• Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576p	50 Hz
576i	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	50, 60 Hz

Connectivity

- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x 1, 3.5 mm PC audio input x 1
- AV input: HDMI x 1, Component (BNC) x 1, S-video x 1, Audio (L/R) x 1, Composite RCA/BNC x 2
- AV output: Audio (L/R) x 2
- Other connections: AC-out, External loudspeaker connector

Convenience

- Placement: Portrait, Landscape
- Picture in picture: PBP, PIP, POP
- Screen-saving functions: Pixel shift, Low bright
- Signal Loop Through: RS232, VGA
- Keyboard control: Hidden, Lockable, On-screen touch keyboard
- Remote control signal: Lockable
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy-saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Packaging: Reusable box
- Network controllable: RS232

Dimensions

- Bezel thickness: 1.6 cm/0.63 inch
- Smart Insert mount: 160 x 300 x 55 mm
- Set dimensions (W x H x D): 1008 x 598 x 130 mm
- Product weight: 30 kg
- VESA Mount: 400 x 200 mm

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 10-90 %
- MTBF: 50,000 hour(s)

Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typ. 133 W
- Standby power consumption: < 1 W

Sound

- Built-in speakers: 2 x 5 W (8 ohm)

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount
- Stand: BM05211

Miscellaneous

- Bezel: metallic anthracite
- Warranty: Europe: 3 years
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, RoHS

Technical specifications

- Recognition: Accuracy: 1-3.7 mm, ESD, Finger, Glove, Reporting Rate, Stylus (4 mm and over)
- Touchpoints: 4 Cameras, 4 Simultaneous Touch Points, 4 mm Safety Glass, Compatibility, Optical Sensing Touch, Resolution: 24 million points s

Product dimensions

- Product dimensions (W x H x D): 96.76 x 55.96 x 12.31 cm
- Weight: 22 kg
- Product dimensions with stand (H x D): 60.56 x 40.5 cm
- Weight (with stand): 23.8 kg

Packaging dimensions

- Packaging dimensions (W x H x D): 117.5 x 71 x 28 cm
- Net weight: 22 kg
- Gross weight: 31 kg
- Tare weight: 9 kg
- EAN: 87 12581 63229 8
- Number of products included: 1
- Packaging type: Carton



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