

Philips
LCD monitor

107cm (42")
multimedia Full HD

BDT4251VM



More audience interaction

with the 107cm/42" touchscreen LCD Display

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

Operational flexibility

- Optical Touch Imaging
- 4 Touch Points
- Software Independent
- Designed for 24/7 operation
- Optical IR Touch

Lower total cost of ownership

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

Optimized for public viewing

- High brightness for clearer images
- Full HD LCD display, 1920x1080p
- HDMI input for full digital HD connection in one cable

PHILIPS
sense **and** simplicity

Highlights

4 Touch Points

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

Software Independent

Our touch screens are software independent and work with most touch screen software commercially available, including Windows XP/7 and Mac OS. Connect via USB to a PC or laptop. No calibration required.

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.

Full HD LCD display 1920x1080p

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 colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Automatic brightness control

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

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog 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 backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

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 in LCD displays is not permanent, you want to prevent this to happen, especially in locations where content is shown 24/7.

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".



Slim Bezel



VIDIWALL



Smart Insert



SmartPower



Smart Insert



Portrait Mounting



Specifications

Picture/Display

- Diagonal screen size: 42 inch / 107 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- 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 colors: 1.06 Billion colors

Supported Display Resolution

• Computer formats

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

• Video formats

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

Connectivity

- PC: 3.5 mm PC audio input x1, DVI-D x1, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD
- AV input: Audio (L/R) x1, Component (BNC) x1, Composite RCA/BNC x2, HDMI x1, S-video x1
- Other connections: External loudspeaker connector, AC-out
- AV output: Audio (L/R) x2

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 color control
- Packaging:: Reusable box
- Network controllable: RS232

Dimensions

- Bezel thickness: 1.6 cm / 0.63 inch
- Smart insert (WxHxD): 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: 400x200mm

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. 133W
- Standby power consumption: < 1W

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, CCC, RoHS, UL/cUL

Packaging dimensions

- Packaging dimensions (W x H x D): 117.5 x 71 x 28 cm
- Nett weight: 22 kg
- Gross weight: 31 kg
- Tare weight: 9 kg
- EAN: 87 12581 61858 2
- Number of products included: 1
- Packaging type: Carton

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

Technical specifications

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



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