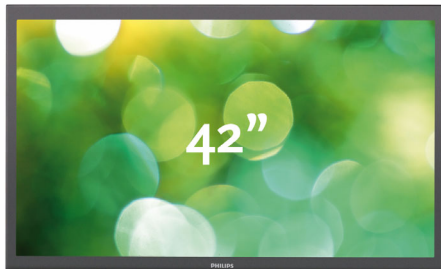


Philips  
LCD monitor

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".



# Specifications

## Picture/Display

- Diagonal screen size: 42 inch / 107 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 700 cd/m<sup>2</sup>
- 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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12 NC: 8670 000 81278  
EAN: 87 12581 61858 2

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