

Philips  
LCD monitor

117 cm (46")

multimedia Full HD

BDL4651VH



## Stunning picture quality

even in locations with high ambient brightness

Deliver crystal clear marketing messages even in locations with high sunlight or brightness conditions. The 1500 nit LCD display brings you incredible picture quality just about anywhere.

### Optimized for public viewing

- Projects a high brightness picture even in daylight
- Full HD LCD display, 1920x1080p
- Slim bezel design for a stylish look

### Operational flexibility

- Ideal for Sunlight Applications
- Smart insert in the backcover to place a small pc
- Enhanced zoom feature supports tiled matrix applications

### Lower total cost of ownership

- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions

### Sustainable and safe

- Temperature sensor measures the health condition
- Complies with RoHS standards to care for the environment

**PHILIPS**

sense and simplicity

# Highlights

## High brightness - 1500 nits

Enjoy an excellent visual experience even in areas illuminated by direct sunlight thanks to the 1500 nit panel. The high brightness offers a wide array of new implementation possibilities especially in locations that have high ambient light levels, delivering crystal clear images for all locations where ambient brightness is an issue.

## Ideal for Sunlight Application

With an ultra high brightness panel, this model is ideal for installations in all kinds of environments, even in direct sunlight. However it is vital to make sure that the display is thermally conditioned in an air-conditioned enclosure for such installations to ensure that black spots do not appear on the panel.

## Slim bezel

A slim bezel design adds a stylish look to a public display to nicely blend in just about any environment. Furthermore this design makes the display ideal for tiled matrix video walls.

## SmartPower

The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

## Automatic brightness control

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

## 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.

## Smart insert

Professional PC's are part of most public signage installations. Quite often they increase the overall depth to the display and cause a lot of cable clutter. So we have designed this display with Smart insert in the backcover which is ideal for the integration of a professional small form factor PC. On top of that, the cable management system offers a great solution to keep your cables neat and professional looking.



Slim Bezel



VIDIWALL



Smart Insert



SmartPower



Portrait Mounting



# Specifications

## Picture/Display

- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 1500 cd/m<sup>2</sup>
- Contrast ratio (typical): 4000:1
- Response time (typical): 8.5 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Display colors: 16.7 million colors
- Picture enhancement: 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement
- Pixel pitch: 0.53 x 0.53 mm

## Connectivity

- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1
- AV input: HDMI x1, Audio (L/R) x2
- AV output: Audio (L/R) x1
- Other connections: External loudspeaker connector, AC-out, Component RCA x1

## Convenience

- Placement: Portrait, Landscape
- Tiled Matrix: Up to 5 x 5
- Picture in picture: PIP
- Signal Loop Through: RS232, VGA
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: Carrying Handles, Smart Insert, AC Out
- 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: 20mm
- VESA Mount: 400 x 200mm
- Set dimensions (W x H x D):

- 1060 x 616.5 x 124.2 mm
- Set dimensions in inch (W x H x D): 41.7 x 24.3 x 4.9 inch

## Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 60,000 hour(s)

## Accessories

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

## Miscellaneous

- Bezel: metallic anthracite
- Warranty: Europe/North America 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

## Power

- Mains power: 90-264V AC, 50/60Hz
- Consumption (On mode): Typ 213W
- Standby power consumption: <1W

## Sound

- Built-in speakers: 2 x 12W (RMS)

## Supported Display Resolution

- **Computer formats**

Resolution	Refresh rate
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

- 640 x 480 60, 67, 72, 75Hz
- 800 x 600 56, 60, 72, 75Hz

- **Video formats**

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

## Packaging dimensions

- EAN: 87 12581 60485 1
- Number of products included: 1
- Packaging type: Carton

## Product dimensions

- Product dimensions (W x H x D): 41.7 x 24.3 x 5.5 inch
- Product dimensions (W x H x D): 106.04 x 61.65 x 13.88 cm



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