



Philips  
High Definition LCD Display

46"  
High Brightness Display

BDL4651VH

Preliminary Specifications - Subject  
to Confirmation before Launch

## Deliver crystal clear images in all surroundings

### with the high brightness 46" LCD Display

Deliver your messages in stunning clarity no matter what ambient conditions. 1500 nits ensure excellent contrast that can be read even in areas illuminated by direct sunlight.

#### Optimized for public viewing

- Full HD LCD display with 1920x1080p resolution
- Slim bezel design for a stylish look
- Enhanced zoom feature supports tiled matrix applications

#### Operational flexibility for different applications

- High Brightness display for clear readability even in areas with strong ambient light
- Display is network controllable for remote management
- Smart Insert in the back cover to place a small form factor pc

#### Lower total cost of ownership

- Economical Design
- SmartPower for additional energy saving
- Advanced anti-image sticking function

#### Sustainable and safe

- Complies with RoHS standards for better environmental protection

## Highlights

### Full HD LCD display 1920 x 1080p

The BDL4651VH is a state-of-the-art LCD display which offers full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This in turn gives you some of the most stunning picture quality around. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. The vibrant and sharp images will provide you and your audience with an enhanced, enjoyable viewing experience.

### Smart insert

Professional PCs are part of most public signage installations. Very often they add increased depth to the public display as well as a lot of cable clutter. The BDL4651VH contains a Smart insert in the back cover to slot in a professional small form factor PC. This gives you freedom of choice for your hardware and software solution without adding depth to your display.

In addition, it offers efficient cable management, keeping your display clutter-free and maintaining a much more professional touch.

### High Brightness Panel

Enjoy excellent visual capabilities even in areas illuminated by direct sunlight thanks to the 1500 nit panel. The high brightness offers a tremendous amount of new implementation possibilities especially in locations that have high ambient light levels.

### Zoom function for tiled matrix

The internal zoom function enables easy implementation of a video wall, without the need for expensive external equipment. Capable of a vidiwall of up to 25 displays by dividing up to 5 displays each horizontally and vertically, you can now create eye-catching matrices quickly and simply.

### SmartPower

Save even more power and lower still further your carbon emissions by implementing the Smart Power on your BDL4651VH. 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.

### Network controllability: RS232

Network controllability allows user to control and adjust monitors remotely through RS232 protocol.

### Automatic brightness control

The display is able to measure ambient light surroundings and adjust the screen brightness accordingly. This in turn enhances the visual experience whilst lowering energy consumption.

### 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, your display is able to prevent this happening, which is especially beneficial in locations where content is shown 24/7.

### Compliant with RoHS standards

We design and manufacture all of our display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment. We are also committed to offering products that cause as little damage to the planet's resources as possible.

# Specifications

## Picture/Display

• Diagonal Screen Size	46" / 117cm
• Type	AMVA3
• Resolution	1920 x 1080 pixels
• Brightness (typ)	1500 cd/m <sup>2</sup>
• Contrast Ratio (typ)	4000:1
• Response Time (G to G)	8.5 m/s
• Viewing Angle (H/V)	178° x 178°
• Pixel Pitch	0.53 x 0.53mm
• Display Colors	16.7 Million Colors

## Connectivity

PC:	DVI-D VGA In D-Sub 15HD VGA Out D-Sub 15HD RS232 In D-Sub 9 RS232 Out D-Sub 9
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AV Input:	HDMI Composite (BNC) Component (YPbPr) S-Video Audio (L/R) x2
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AV Output:	Composite (BNC) Audio (L/R)
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Other Connections:	AC Out External speaker
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## Convenience

- Tiled Matrix (up to 5x5)
- Placement: Portrait, Landscape
- Picture in Picture
- Screen Saving Functions: Pixel shift, Low Brightness
- Signal Loop Through: RS232, VGA
- Keyboard Control: Hidden, Lockable
- Remote Control Signal: Lockable
- Simple Installation: AC Out, Carrying Handles, Smart Insert
- Energy Saving Functions: Smart Power, Ambient Light Sensor
- Packaging: Reusable Box
- Network Controllable: RS232

## Dimensions

• Set Dimensions (W x H x D)	1060.4 x 616.5 x 138.8mm
• Set Dimensions (W x H x D)	41.75 x 24.27 x 5.46"
• Dimensions With Stand (mm)	1060.4 x TBD x TBDmm
• Dimensions With Stand (in)	41.75 x TBD x TBD"
• Bezel Thickness	20mm / 0.8"
• Smart Insert (mm)	100 x 200
• Smart Insert (in)	3.94 x 6.88"
• Display Weight	TBD kg (TBD lbs)
• VESA Mount	400 x 200mm / 15.7 x 7.85"

## Operating Conditions

• Operating Temperature Range	0 - 40°C (32 - 104°F)
• Relative Humidity	5-90%
• MTBF:	60,000 Hours

## Power

• Mains Power	90-264V AC/50-60Hz
• Consumption (On Mode):	TBA W
• Smart Power (Medium):	TBA W
• Smart Power (High)	TBA W
• Power Saving/Brightness On:	TBA W
• Standby Consumption:	<1W

## Sound

• Built-In Speakers	2 x 12W (8 Ohm)
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## 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:

## Miscellaneous:

- Bezel: Metallic Anthracite
- Warranty: 3 years (North America, Europe)
- On-Screen Display Languages: English, German, Italian, French, Spanish, Polish, Turkish, Russian, Simplified Chinese
- Regulatory Certification: CE, FCC Class B, TUV, GOST, UL, cUL, CCC, CECP, CEL, C-Tick, RoHS



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I2NC: TBC  
EAN: TBC  
UPC: TBC

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