



Philips Signage Solutions  
Multi-Touch Display

42"

Edge LED Backlight  
Full HD  
Optical Imaging, 6 Touch points

**Signage**Solutions

BDL4256ET



## Discover a new level of interaction

with this multi touch LED display

Get even closer to your audience than ever before. Fast, precise and extremely durable, its high performance is matched by excellent reliability and functionality.

### **Optimised for public viewing**

- Full HD LED for brilliant images with incredible contrast
- Designed for 24/7 operation

### **Supreme audience interaction**

- Experience amazing interactivity with true Multi-Touch
- Optical touch technology for advanced user interaction
- True multi-touch with 6 simultaneous touch points
- Compatible with all leading operating systems

### **Innovative solutions for any signage application**

- Optional OPS Insert to create an all-in-one solution

### **Care about you, your business and your audience**

- SmartPower for energy saving

### **Maximising the impact of your message**

- Manage and control your network remotely via SmartControl

# Highlights

## Full HD LED technology

Picture Quality matters. Standard displays deliver quality, but you expect more. Imagine crisp detail paired with high brightness, incredible contrast and realistic colours for a true-to-life picture.

## Plug-and-Play Multi-Touch



A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities give you the ultimate in user interaction. Multi-Touch displays are equipped with automatic touch recognition. The USB connector is HID-compliant, providing true plug-and-play operation.

## Optical multi-touch

The sensors on the edge of the screen give you perfect clarity whilst at the same time offering

multi-touch interaction, opening up all kinds of possibilities for new interactive applications.

## 6 simultaneous touch points

Enjoy a more interactive experience with up to 6 touch points at the same time. Ideal for when you have more than one user interacting with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

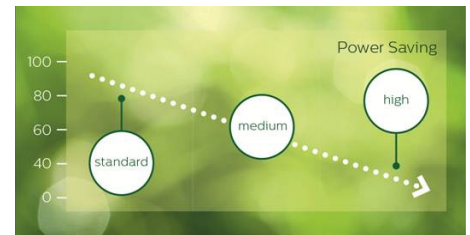
## Software compatibility

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

## OPS Insert

Turn your display into an all-in-one digital signage solution and create a display network that is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry-standard slot into which you can add an OPS-standardised media player. This cable-free solution gives you the ability to install, use or maintain your hardware whenever you need to.

## 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.

## SmartControl

The SmartControl software suite lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily identify your displays and fine-tune all display settings including resolution, brightness, contrast, video wall configurations and cloning of your settings over your entire network.

## 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.

## SmartCollection

### SmartCollection

SmartCollection offers you customisable solutions to meet your specific requirements.

Both integrators and solution providers are offered the latest innovations, while the audience can enjoy impactful solutions. When developing smart innovations we focus on Caring, Innovative and Impactful solutions.

# Specifications

## Picture/Display

- Diagonal screen size: 42 inch / 106.7 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m<sup>2</sup>
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Display colours: 1.06 Billion
- Pixel pitch: 0.485 x 0.485 mm
- Surface treatment: Anti-Glare coating
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

## Interactivity

- Multi-touch technology: Optical sensing
- Touch points: 6 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 4 mm tempered safety glass

## Connectivity

- Video input: DisplayPort (1.1a), HDMI, DVI-D, VGA (Analogue D-Sub), Component (RCA), Composite (RCA)
- Video output: DVI-I, VGA (via DVI-D)
- Audio input: Audio Left/Right (RCA), 3.5-mm jack
- Audio output: Audio Left/Right (RCA), External speaker connector
- External control: RJ45, RS232C (in/out) D-Sub9
- Other connections: USB, AC-out, OPS

## 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
1280 x 1024	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

## Convenience

- Placement: Landscape, Portrait
- Signal Loop Through: DVI, RS232, VGA
- Network controllable: RS232, RJ45
- Picture performance: Advanced colour control
- Picture in picture: PIP
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: AC Out, Smart Insert
- Energy-saving functions: Smart Power
- Packaging: Reusable box
- Other convenience: Carrying handles

## Dimensions

- Set dimensions (W x H x D): 976.16 x 569.50 x 79.80 mm
- Bezel width: 19.5 mm
- Product weight: 24.75 kg
- VESA Mount: 400 x 200 mm, 200 x 200 mm
- Smart Insert mount: 100 x 200 mm, 100 x 100 mm

## Sound

- Built-in speakers: 2 x 10 W

## Operating conditions

- Temperature range (operation): 5 ~ 40 °C
- Relative humidity: 20 ~ 80 %
- MTBF: 50,000 hour(s)

## Power

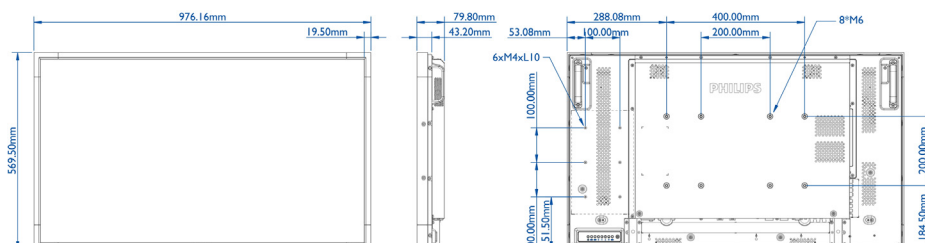
- Mains power: 90 ~ 240 VAC, 50/60Hz
- Consumption (On mode): 120 W (Typ.)
- Standby power consumption: <0.5 W

## Accessories

- Included accessories: AC Power Cord, VGA cable, RS232 cable, USB cable, Remote Control, Batteries for remote control, Quick start guide, User manual on CD-ROM
- Stand: BM05462 (Optional)

## Miscellaneous

- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Spanish, Russian, Simplified Chinese, Traditional Chinese, Arabic,



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