Philips Signage Solutions
Multi-Touch Display

55"
Edge LED Backlight
Full HD
Optical Imaging, 6 Touchpoints

SignageSolutions

BDL5556ET

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.

Optimized 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

Maximizing the impact of your message
- Manage and control your network remotely via SmartControl

SmartCollection

PHILIPS

Highlights

Full HD LED technology

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

Plug & 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 to give you the ultimate in user interaction. The Multi-Touch displays are enabled 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 to interact with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.
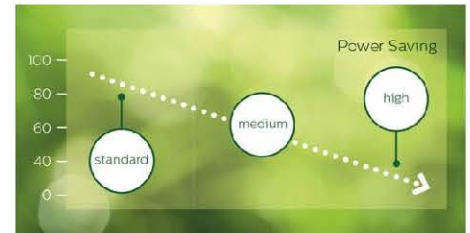
Software compatibility

Our touch displays are software independent and supports 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 which is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry standard slot into which you can add an OPS-standardized media player. This cable free solution gives you the ability to install, use or maintain your hardware whenever you need.

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

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 complete 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 offers you customizable 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: 54.6 inch / 138.7 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- 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 colors: 1.06 Billion
- Pixel pitch: 0.63 x 0.63 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: 5 mm tempered safety glass

Connectivity
- Video input: DisplayPort (1.1a), HDMI, DVI-D, VGA (Analog 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, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	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

Convenience
- Placement: Landscape, Portrait
- Signal Loop Through: DVI, RS232, VGA
- Network controllable: RS232, RJ45
- Picture performance: Advanced color 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): 1257.3 x 728.1 x 79 mm
- Bezel width: 19.5 mm
- Product weight: 43 kg
- VESA Mount: 400 x 400 mm, 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 10W

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): 140 W (Typ.)
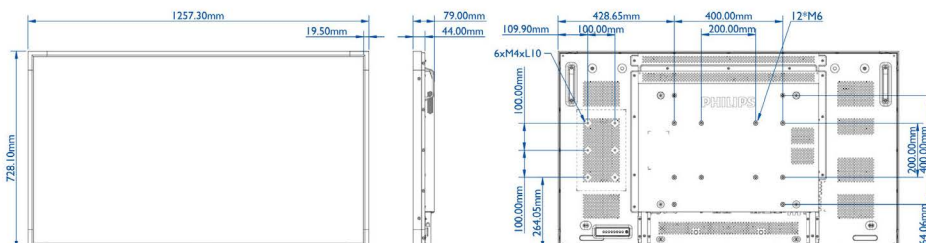- Standby power consumption: <0.5W

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, Japanese
- Regulatory approvals: CE, CCC, FCC, Class B, UL/cUL, RoHS, EPA, CB, C-Tick, EAC, EMF, KUCAS, SASO
- Warranty: 3 year warranty