



Philips Signage Solutions  
Video Wall Display

55"

Direct LED Backlight  
Full HD  
500cd/m<sup>2</sup>

**Signage**Solutions

55BDL1005X

## Create new stopping power

with 1.8 mm Ultra Narrow Bezel Displays

Impress your audience with the most impactful video wall. With 1.8 mm ultra narrow bezel and stunning picture quality, you are sure to create the most memorable visual experience

### Optimized for public viewing

- Full HD LED technology for brilliant images
- IPS wide view technology for image and color accuracy
- Designed for 24/7 operation

### Maximizing the impact of your message

- Immersive visual experience with Ultra Narrow Bezel
- Colour Calibration kit to ensure uniform colours
- Manage settings of multiple displays with CMND & Control

### 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
- Keep your content up and running with FailOver

**PHILIPS**

Video Wall Display  
55" Direct LED Backlight, Full HD, 500cd/m<sup>2</sup>

# Highlights

## Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

## IPS Display Technology

Philips IPS displays uses an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably crisp images with vivid colors, especially suitable for professional video wall and menuboard applications which demand color accuracy and consistent brightness at all times.

## Ultra Narrow Bezel



The next generation of video wall displays is designed with industry narrowest bezels and advanced alignment solutions. Fully exploit your impactful signage content with ultra narrow bezel displays, and make sure your message does not get lost by thick bezels. With the ultra

narrow bezels you can create seamless video wall configurations of virtually any size.

## Advanced Colour Calibration



The Advanced Colour Calibration kit controls the luminance of the backlight, standardizes the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board installation or a control room each display can be adjusted to the same colour values. With this optional kit you ensure consistent colour performance over all displays in your network.

## FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up

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content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

## 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.

## 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.

## CMND & Control



With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customize and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

# Specifications

## Picture/Display

- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m<sup>2</sup>
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 1.07 B
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

## 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     |
| 3840 x 2160 | 30Hz         |

## Connectivity

- Video input: Component (RCA), Composite (RCA),

- DVI-D, HDMI (x2), VGA (Analog D-Sub), DisplayPort (1.2)
- Video output: DisplayPort, DVI-I, VGA (via DVI-I)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack
- Other connections: OPS

## Convenience

- Signal Loop Through: RS232, VGA, DisplayPort, DVI, IR Loopthrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor, Smart Power
- Network controllable: RS232, RJ45, Card OPS RS232, One Wire (HDMI-CEC)
- Placement: Landscape (24/7), Portrait (24/7)
- Screen saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 10 x 10
- Control software: SICP / CMND&Control
- RJ45 hub: 2 ports

## Dimensions

- Bezel thickness: 1.8 mm (A-A)
- Bezel width: 0.9mm (Even Bezel)
- Set dimensions (W x H x D): 1211.4 x 682.2 x 98.5 mm
- Set dimensions in inch (W x H x D): 47.69 x 26.86 x 3.88 inch
- Product weight: 24.35 kg
- VESA Mount: 400 x 400 mm

## Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- Relative humidity: 20 ~ 80 %
- MTBF: 50,000 hour(s)

## Power

- Consumption (On mode): 133W
- Standby power consumption: <0.5W

## Sound

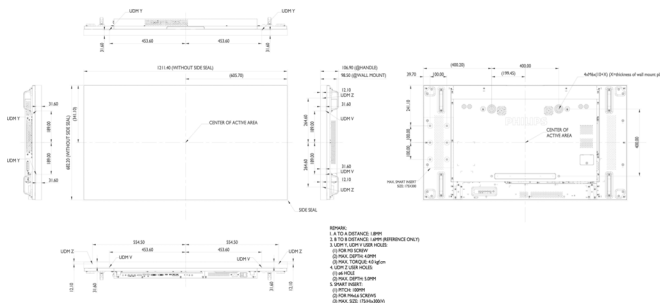
- Built-in speakers: 2 x 10W (RMS)

## Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, RS232 cable, Quick start guide, Edge alignment pins, Edge alignment plates
- Optional accessories: Edge finishing kit, HDBaseT OPS Receiver (CRD25), Color calibration kit

## Miscellaneous

- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT
- Warranty: 3 year warranty



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