



Videowall Display

Signage Solutions

55"

Direct LED Backlight

Full HD

700cd/m<sup>2</sup>



55BDL8107X/00

## Impressive videowall

Inspire your team and guests

Take presentations and corporate branding to the next level. The Philips X-Line Videowall display brings your content to life to ensure absolute audience engagement in every setting with Pure Colour Pro.

### Powerful system solution

- Energy-saving automatic backlight control
- OPS slot allows for PC embedding without cabling
- Tiling mode. Create tiled 4K videowalls of any size

### Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control
- Add Android processing power with an optional CRD52 module

### Brilliant images. Endless possibilities.

- Full HD monitors. Brilliant images. Clear contrast
- IPS panel: rich color consistency from every angle
- Ultra-narrow bezels. For distraction-free images

### Cost-effective system solution

- FailOver ensures content is always playing

## Highlights

### CMND & Control



Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

### Optional CRD52 module

Embed an Android System-on-Chip (SoC) into your Philips Professional Display. The optional CRD52 module is an OPS device that enables Android processing power without the need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including power supply).

### FailOver

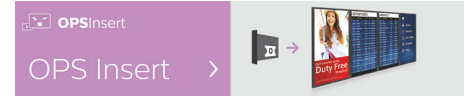


From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

### Energy saving

Energy-saving automatic backlight control.

### OPS slot



Integrate a full-power PC or Android powered CRD52 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

### Tiling mode

Connect two or more Philips professional displays to create a tiled videowall — without the need for external devices. A single player takes care of content, whether you have four screens or 40. 4K content is fully supported and if you're showing that content on four screens you get the best possible dot-by-dot resolution.

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 138.7 cm  
**Diagonal screen size (inch):** 54.5 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 1920x1080p  
**Pixel pitch:** 0.63 x 0.63 mm  
**Optimum resolution:** 1920 x 1080 @ 60 Hz  
**Brightness:** 700 cd/m<sup>2</sup>  
**Display colors:** 1.07 B  
**Contrast ratio (typical):** 1200:1  
**Dynamic contrast ratio:** 500,000:1  
**Response time (typical):** 8 ms  
**Viewing angle (horizontal):** 178 degree  
**Viewing angle (vertical):** 178 degree  
**Haze:** 25 %

## Connectivity

**Audio output:** 3.5 mm Mini Jack (x1)  
**Video input:** DVI-D (x1), VGA (Analog D-Sub) (x1), Display Port 1.3 (x1), HDMI 2.0 (x2)  
**Audio input:** 3.5 mm mini jack (x1)  
**Other connections:** OPS, USB 2.0 (x1), Thermal sensor  
**Video output:** DisplayPort 1.3 (x1)  
**External control:** IR (in) 3.5 mm jack, LAN RJ45 (x2), Signal loopthrough RJ45(x2)

## Convenience

**Placement:** Landscape (24/7), Portrait (24/7)  
**Tiled Matrix:** Up to 15 x 15  
**Screen saving functions:** Pixel Shift, Low Bright  
**Signal loop through:** DisplayPort, RJ45  
**Ease of installation:** Carrying Handles, Smart

## Insert

**Energy saving functions:** Smart Power  
**Network controllable:** LAN (RJ45)

## Sound

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

## Power

**Standby power consumption:** 0.5 W  
**Energy Label Class:** G  
**Consumption:** EEI lot5 134W

## Supported Display Resolution

**Computer formats:** 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz, 1024 x 768, 60, 75Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 960, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz  
**Video formats:** 720p, 50, 60Hz, 1080i, 25, 30Hz, 1080p, 50, 60Hz, 2160P 50, 60Hz  
(HDMI/OPS/DP)

## Dimensions

**Smart Insert mount:** 100mm x 100mm, 6xM4xL6  
**Set Width:** 1211.1 mm  
**Product weight:** 23.8 kg  
**Set Height:** 681.9 mm  
**Set Depth:** 95.3 mm(D@WallMount) / 94.3 mm(D@Handle) mm  
**Set Width (inch):** 47.68 inch  
**Set Height (inch):** 26.85 inch  
**Wall Mount:** 400mm x 400mm, M6

**Set Depth (inch):** 3.75 (D@WallMount) / 3.71 (D@Handle) inch  
**Bezel width:** 0.44 mm + 0.44 mm

## Operating conditions

**Altitude:** 0 ~ 3000 m  
**Temperature range (operation):** 0 ~ 40 °C  
**MTBF:** 50,000 hour(s)  
**Temperature range (storage):** -20 ~ 60 °C  
**Humidity range (operation)[RH]:** 20 - 80% (without condensation)  
**Humidity range (storage) [RH]:** 5 - 95% (without condensation)

## Accessories

**Included Accessories:** Gap pad x3, IR sensor cable (1.8 m) (x1), Quick start guide (x1), Remote control & AAA batteries, RJ45 / RS232 converter, Power cord, DP cable (x1), RJ45 cable (x1), Edge alignment pin (x2), Edge alignment kit (x1)  
**Optional accessories:** Edge finishing kit top/bottom: EFK5539, Edge finishing kit left/right: EFK5569

## Miscellaneous

**On-Screen Display Languages:** Arabic, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Simplified Chinese, Turkish, Traditional Chinese  
**Warranty:** 3 years warranty  
**Regulatory approvals:** CE, FCC, Class A, RoHS, CB

