



Video Wall Display

Signage Solutions

55"

Direct LED Backlight

Full HD

700 cd/m²



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 and Control
- Add Android processing power with an optional CRD52 module

Brilliant images. Endless possibilities.

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

Cost-effective system solution

- FailOver ensures that content is always playing

Highlights

CMND and Control



Run your display network over a local (LAN) connection. CMND and 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 of the connections needed to run the module (including power supply).

FailOver

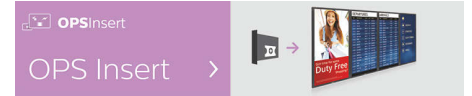


From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs, ensuring that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business 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 of 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: 1920 x 1080p

Pixel pitch: 0.63 x 0.63 mm

Optimum resolution: 1920 x 1080 @ 60 Hz

Brightness: 700 cd/m²

Display colours: 16.7 M

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 (x 1)

Video input: DVI-D (x 1), VGA (Analogue D-Sub) (x 1), Display Port 1.3 (x 1), HDMI 2.0 (x 2)

Audio input: 3.5 mm mini jack (x 1)

Other connections: OPS, USB 2.0 (x 1), Thermal sensor

Video output: Display Port 1.3 (x 1)

External control: IR (in) 3.5 mm jack, LAN RJ45

(x2), Signal loopthrough RJ45 (x 2)

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 10 W (RMS)

Power

Standby power consumption: 0.5 W

Energy Label Class: G

Consumption: EEL lot5 134 W

Supported Display Resolution

Computer formats: 640 x 480, 60, 72, 75 Hz, 720 x 400, 70 Hz, 800 x 600, 60, 75 Hz, 1024 x 768, 60, 75 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 960, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz

Video formats: 720p, 50, 60 Hz, 1080i, 25, 30 Hz, 1080p, 50, 60 Hz, 2160 P 50, 60 Hz ((HDMI/OPS/DP)

Specifications

Dimensions

Smart Insert mount: 100 mm x 100 mm,
6 x M4 x L6

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: 400 mm x 400 mm, 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 x 3, IR sensor
cable (1.8 m) (x 1), Quick start guide (x 1),
Remote control and AAA batteries, RJ45/RS232
converter, Power cord, DP cable (x1), RJ45 cable
(x1), Edge alignment pin (x2), Edge alignment kit
(x 1)

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 year warranty

Regulatory approvals: CE, FCC, Class A, RoHS, CB

