

PHILIPS



Video Wall Display

Signage Solutions

55"

Direct LED Backlight

Full HD

500 cd/m²



55BDL2105X

Make an impact

Spectacular retail experiences, all day and all night

Designed for 24/7 operation, the Philips X-Line Videowall display captivates customer attention with its immersive moving content. CMND makes managing your promotions and retail content easy, whilst FailOver adds greater peace of mind.

Effortless setup. Total control.

- Operate, monitor and maintain with CMND and Control
- Add Android processing power with an optional CRD50 module

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

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

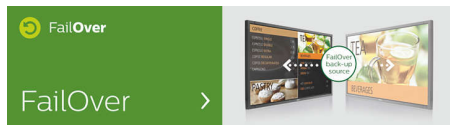
Highlights

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.

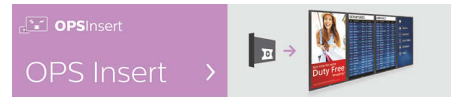
FailOver



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.

OPS slot



Integrate a full-power PC or Android-powered CRD50 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.

Optional CRD50 module

Embed an Android System-on-Chip (SoC) into your Philips Professional Display. The optional CRD50 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).

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.

Pure Colour Pro

Boost image quality with Pure Colour Pro. Delivering higher luminance through custom colour temperature settings and advanced gamma calibration, content looks crisper and more radiant for stunning realism with a visual pop.

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: 500 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: Display Port 1.2 (x 1), DVI-D (x 1),

HDMI 2.0 (x 2), VGA (Analogue D-Sub) (x 1)

Audio input: 3.5 mm mini jack (x 1)

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

Video output: DisplayPort 1.2 (x 1)

External control: IR (in) 3.5 mm jack, LAN 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 10 W (RMS)

Power

Consumption (On mode): 140 W

Consumption (Typical): 180 W

Consumption (Max): 340 W

Standby power consumption: 0.5 W

Energy Label Class: G

Supported Display Resolution

Computer formats: 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, 640 x 480, 60, 72, 75 Hz
Video formats: 2160 P 50, 60 Hz ((HDMI/OPS/DP), 720p, 50, 60 Hz, 1080i, 25, 30 Hz, 1080p, 50, 60 Hz

Specifications

Dimensions

Smart Insert mount: 100 mm x 100 mm, 6xM4xL6

Set Width: 1213.5 mm

Product weight: 28.8 kg

Set Height: 684.3 mm

Set Depth:

97.8 mm(D@WallMount)/97.8 mm(D@Handle) mm

Set Width (inch): 47.77 inch

Set Height (inch): 26.94 inch

Wall Mount: 400 mm x 400 mm, M6

Set Depth (inch): 3.85 (D@WallMount)/3.85

(D@Handle) inch

Bezel width: 2.3 mm + 1.2 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, Wire Clamper (x 3), Power cord, DP cable (x1), RJ45 cable (x1), Edge alignment pin (x2), Kit-1 (x1), Kit-2 (x2)

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, ETL, BSMI

