PHILIPS

Video Wall Display

Signage Solutions

55"

Direct LED Backlight

Full HD

700cd/m²

55BDL8007X

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.

Effortless setup. Total control.
- Operate, monitor and maintain with CMND & 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 color consistency from every angle
- Ultra-narrow bezels. For distraction-free images

Cost-effective system solution
- FailOver ensures content is always playing
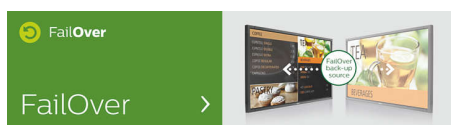
Highlights

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.

Energy-saving

Energy-saving automatic backlight control

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.
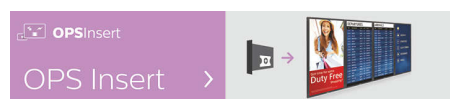
Full HD monitors

Full HD monitors. Brilliant images. Clear contrast

IPS panel rich color

IPS panel: rich color consistency from every angle

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) in 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.

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/m²
Display colors: 1.07 B
Contrast ratio (typical): 1100:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 8 ms
Viewing angle (horizontal): 178 degree
Viewing angle (vertical): 178 degree
Haze: 28 %

Connectivity

Audio output: 3.5 mm Mini Jack (x1)
Video input: DVI-D (x1), VGA (Analog D-Sub) (x1), Display Port1.3 (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

Consumption (On mode): 150 W
Consumption (Typical): 190 W
Consumption (Max): 370 W
Standby power consumption: 0.5 W
Energy Label Class: G

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: 1210.5 mm
Product weight: 23.8 kg
Set Height: 681.2 mm
Set Depth: 97.3 mm(D@WallMount)/98.4 mm(D@Handle) mm
Set Width (inch): 47.66 inch

Set Height (inch): 26.82 inch
Wall Mount: 400mm x 400mm, M6
Set Depth (inch): 3.83 (D@WallMount)/3.87 (D@Handle) inch
Bezel width: 0.44 mm + 0.44 mm

Operating conditions

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

Accessories

Included Accessories: AC Switch Cover, Gap pad x3, IR sensor cable (1.8 m) (x1), Quick start guide (x1), Remote control & AAA batteries, RJ45 / RS232 converter, Wire Clamper (x3), 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 years warranty
Regulatory approvals: CE, FCC, Class A, RoHS, CB, BSMI, ETL, PSE

PHILIPS