

Philips Signage Solutions
Video Wall Display

55"

Direct LED Backlight
Full HD
500cd/m²

55BDL4105X



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

PHILIPS

Specifications

Connectivity

- Audio output: 3.5 mm Mini Jack (x1)
- Video input: DVI-D (x1), HDMI 2.0 (x2), VGA (Analog D-Sub) (x1), Display Port 1.3 (x1)
- 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)

Picture/Display

- Diagonal screen size (metric): 138.7 cm
- Diagonal screen size (inch): 54.6 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.63 x 0.63 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 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 %

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): 110 W
- Consumption (Typical): 140 W
- Consumption (Max): 300 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: 1212.2 mm
- Product weight: 25.33 kg
- Set Height: 683 mm
- Set Depth: 97.7 mm(D@WallMount)/98.9 mm(D@Handle) mm
- Set Width (inch): 47.72 inch
- Set Height (inch): 26.89 inch
- Wall Mount: 400mm x 400mm, M6
- Set Depth (inch): 3.85 (D@WallMount)/3.89 (D@Handle) inch
- Bezel width: 0.88 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

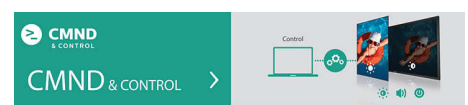
- Included Accessories: AC Switch Cover, Gap pad x3, IR sensor cable (1.8 m) (x1), Kit-1 (x1), Kit-2 (x2), Quick start guide (x1), Remote control & AAA batteries, RJ45 / RS232 converter, Wire Clamper (x3), Power cord, DP cable (x1), Edge alignment pin (x2), RJ45 cable (x1)

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, PSE, ETL

Highlights

CMND & Control

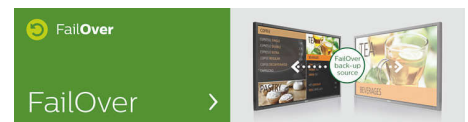


Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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.

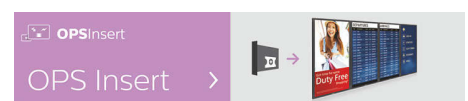
Full HD monitors

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.

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.



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