



Video Wall Display

- 55"
- Direct LED Backlight
- Full HD
- 500cd/m²

55BDL2105X/00

Make an impact

Spectacular retail experiences all day and 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.

Benefits

Effortless setup. Total control.

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

Cost-effective system solution

- FailOver ensures content is always playing

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

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

PHILIPS

Features

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 CRD50 module



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.

FailOver

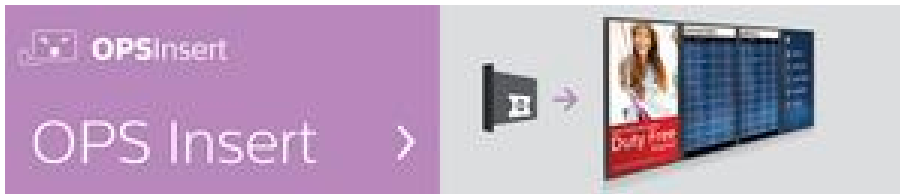


From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is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

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.

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.

Specifications

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Picture/Display

| | |
|-------------------------------|-----------------------|
| Diagonal screen size (metric) | 138.7 cm |
| Diagonal screen size (inch) | 54.5 inch |
| Panel resolution | 1920x1080p |
| Optimum resolution | 1920 x 1080 @ 60 Hz |
| Brightness | 500 cd/m ² |
| Dynamic contrast ratio | 500,000:1 |
| Response time (typical) | 8 ms |
| Aspect ratio | 16:9 |
| Viewing angle (horizontal) | 178 degree |
| Viewing angle (vertical) | 178 degree |
| Pixel pitch | 0.63 x 0.63 mm |
| Display colors | 16.7 M |
| Contrast ratio (typical) | 1200:1 |
| Haze | 25 % |

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

Connectivity

| | |
|------------------|--|
| Video input | Display Port1.2 (x1) DVI-D (x1) HDMI 2.0 (x2) VGA (Analog D-Sub) (x1) |
| Audio input | 3.5 mm mini jack (x1) |
| Video output | DisplayPort 1.2 (x1) |
| Audio output | 3.5 mm Mini Jack (x1) |
| External control | IR (in) 3.5 mm jack |

Supported Display Resolution

| | |
|------------------|-----------------|
| Computer formats | 720 x 400, 70Hz |
|------------------|-----------------|

| | | |
|--------------------------------|--|--|
| Other connections | LAN RJ45 (x2) OPS USB 2.0 (x1) Thermal sensor | 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) |
| 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 Smart Power | |
| Energy saving functions | | |
| Network controllable | LAN (RJ45) | |
| Operating conditions | | |
| Temperature range (operation) | 0 ~ 40 °C | |
| Temperature range (storage) | -20 ~ 60 °C | |
| Altitude | 0 ~ 3000 m | |
| MTBF | 50,000 hour(s) | |
| Humidity range (operation)[RH] | 20 - 80% (without condensation) | |
| Humidity range (storage) [RH] | 5 - 95% (without condensation) | |
| Power | | |
| Consumption (Typical) | 180 W | |
| Consumption (Max) | 340 W | |
| Consumption (On mode) | 140 W | |
| Standby power consumption | 0.5 W | |
| Energy Label Class | G | |
| Sound | | |
| Built-in speakers | 2 x 10W (RMS) | |
| Accessories | | |
| Included Accessories | Gap pad x3 | |
| Miscellaneous | | |
| On-Screen Display Languages | Arabic English French German Italian Japanese Polish Russian Spanish Simplified Chinese Turkish Traditional Chinese | |
| Regulatory approvals | CE FCC, Class A RoHS CB ETL BSMI | |
| Warranty | 3 years warranty | |
| Dimensions | | |
| Smart Insert mount | 100mm x 100mm, 6xM4xL6 | |
| Set Width | 1213.5 mm | |
| 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 | |
| Set Depth (inch) | 3.85 (D@WallMount)/3.85 (D@Handle) inch | |
| Bezel width | 2.3 mm + 1.2 mm | |
| Wall Mount | 400mm x 400mm, M6 | |
| Product weight | 28.8 kg | |



data subject to change
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