

PHILIPS



Video Wall Display

Signage Solutions

55"

Direct LED Backlight

Full HD

500cd/m²



55BDL2105X

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.

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

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: 500 cd/m²
Display colors: 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 (x1)
Video input: Display Port 1.2 (x1), DVI-D (x1),
HDMI 2.0 (x2), VGA (Analog D-Sub) (x1)
Audio input: 3.5 mm mini jack (x1)
Other connections: OPS, USB 2.0 (x1), Thermal sensor
Video output: DisplayPort 1.2 (x1)
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 10W (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, 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, 640
x 480, 60, 72, 75Hz
Video formats: 2160P 50, 60Hz ((HDMI/OPS/DP),
720p, 50, 60Hz, 1080i, 25, 30Hz, 1080p, 50, 60Hz

Dimensions

Smart Insert mount: 100mm x 100mm, 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: 400mm x 400mm, 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

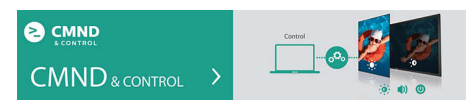
Included Accessories: Gap pad x3, IR sensor cable
(1.8 m) (x1), Quick start guide (x1), Remote
control & AAA batteries, RJ45 / RS232 converter,
Wire Clamper (x3), Power cord, DP cable (x1),
RJ45 cable (x1), Edge alignment pin (x2), Kit-1
(x1), Kit-2 (x2)

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,
ETL, BSMI

Highlights

CMND & Control



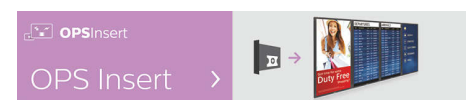
Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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.

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.

