

Video Wall Display

Signage Solutions

55"

Direct LED Backlight

Full HD

500cd/m²

55BDL3005X



Go big

Versatile videowall display.

Command attention with an X-Line professional videowall display. Crisp contrast and slim bezels enable clear, distraction-free imaging. Whether you're running an airport or hosting a conference. (196 c w/spaces)

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
- FailOver ensures content is always playing
- 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 (3.5 mm) bezels. For distraction-free images

Highlights

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.

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).

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.

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

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 Billion
Contrast ratio (typical): 1400:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 8 ms
Viewing angle (horizontal): 178 degree
Viewing angle (vertical): 178 degree
Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Connectivity

Audio output: 3.5mm jack
Video input: DVI-D, VGA (Analog D-Sub), Component BNC (x3), Composite (Share component Y), DisplayPort, HDMI 1.4 (x 2)
Audio input: 3.5 mm jack, Audio Left/Right (RCA)
Other connections: OPS
Video output: DisplayPort, DVI-I
External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

Convenience

Placement: Landscape, Portrait
Tiled Matrix: Up to 10 x 10
Screen saving functions: Pixel Shift, Low Bright

Signal loop through:

RS232, DisplayPort, IR
Loopthrough
Ease of installation: Carrying Handles
Energy saving functions: Ambient light sensor, Smart Power
Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10W (RMS)

Power

Mains power: Universal (AC 100 - 240V) Current: 2.5 A
Consumption (On mode): 155 W
Consumption (Max): 320 W
Standby power consumption: <0.5W

Supported Display Resolution

Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 30Hz
Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 2160p, 30Hz

Dimensions

Bezel thickness: 3.5 mm
Set Width: 1213.4 mm
Product weight: 26.5 kg
Set Height: 684.2 mm
Set Depth: 107.65 mm

Set Width (inch): 47.77 inch

Set Height (inch): 26.93 inch

Wall Mount: 400 x 400 mm

Set Depth (inch): 4.23 inch

Bezel width: Top/Left: 2.3mm, Bottom/Right: 1.2mm

Product weight (lb): 58.42 lb

Operating conditions

Altitude: 0 ~ 3000 m
Temperature range (operation): 0 ~ 40 °C
MTBF: 60,000 hour(s)
Relative humidity: 20 ~ 80 %
Temperature range (storage): -20 ~ 60 °C

Accessories

Included accessories: Remote Control, Batteries for remote control, AC Power Cord, RS232 cable, Quick start guide, Edge alignment pins, DVI-D cable
Included Accessories: Edge Alignment Kit (1) -1 pcs, Edge Alignment Kit (2) - 2 pcs, IR cable, IR sensor cable (1.8 m) (x1), RS232 daisy-chain cable, Thumbscrew (8pcs)

Miscellaneous

On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish

Warranty: 3 year warranty

Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT

