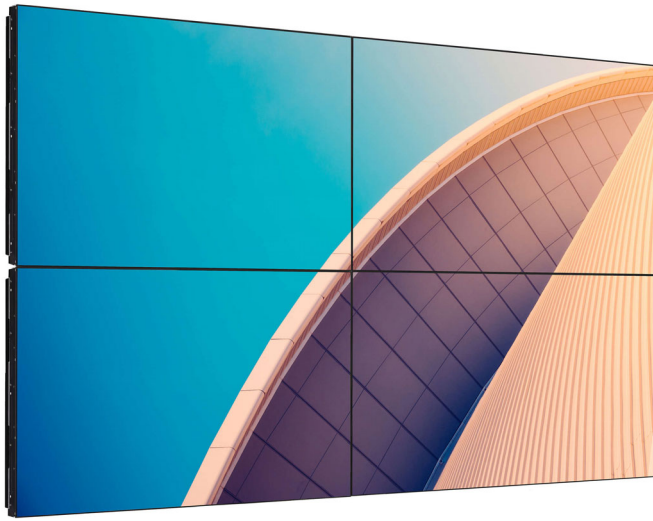


Philips Signage Solutions
Video Wall Display

55"

Direct LED Backlight
Full HD
500cd/m²

55BDL2005X



Go big

Versatile videowall display.

Command attention with a Philips X-Line Professional Videowall Display. Crisp contrast and narrow bezels enable clear, distraction-free imaging. Whether you're running an airport or hosting a conference.

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 (3.5 mm) bezels. For distraction-free images

Cost-effective system solution

- FailOver ensures content is always playing

PHILIPS

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

Connectivity

- Audio output: 3.5mm jack, External speaker connection
- Video input: Component (BNC x3), Composite (Share component Y), DisplayPort 1.2 (x1), DVI-D, HDMI 1.4 (x2), USB 2.0 (x1), VGA (Analog D-Sub)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: OPS
- Video output: DisplayPort 1.2 (x1), DVI-I (x1)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

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: 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
- Picture enhancement: 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement

Convenience

- Placement: Portrait, Landscape
- Tiled Matrix: Up to 10 x 10
- Screen saving functions: Pixel Shift, Low Bright
- Signal loop through: RS232, IR Loopthrough, DisplayPort, DVI Loopthrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- Control software: SICP / CMND&Control

Sound

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

Power

- Mains power: Universal (AC 100 - 240V), 60 Hz
- Consumption (Typical): 200 W
- Consumption (Max): 250 W
- Standby power consumption: <0.5W
- Energy Label Class: G

Supported Display Resolution

- Computer formats: 1024 x 768, 60, 75Hz, 1280 x 1024, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 960, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 3840

- X 2160, 30Hz (Tiling), 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz
- Video formats: 1080i, 25, 30Hz, 1080p, 50, 60Hz, 720p, 50, 60Hz

Dimensions

- Bezel thickness: 3.5 mm (B-B)
- Smart Insert mount: 100 x 100mm, 6 x M4 L6
- Set Width: 1213.5 mm
- Product weight: 28.8 kg
- Set Height: 684.3 mm
- Set Depth: 97.8 mm
- Set Width (inch): 47.78 inch
- Set Height (inch): 26.94 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 3.85 inch
- Bezel width: Top/Left: 2.3mm, Bottom/Right: 1.2mm
- Product weight (lb): 63.49 lb

Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 60,000 hour(s)
- Temperature range (storage): -20 ~ 60 °C
- Humidity range (operation)[RH]: 20 ~ 80% RH (No condensation)
- Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

Multimedia Applications

- USB Playback Video: ISM, M4V, MK3D, MKV, MP4, MPD, MPEG, MPG, MT2, MTS, TS, TTS, VOB
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Audio: AAC, AIF, AIFF, ASF, M3U, M4A, MP3, MP4, PLS, WAV, WMA

Accessories

- Included accessories: AC Power Cord, Batteries for remote control, DVI-D cable, Edge alignment pins, Quick start guide, Remote Control, RS232 cable
- Included Accessories: IR cable, IR sensor cable (1.8 m) (x1), Kit-1 (x1), Kit-2 (x2), RS232 daisy chain cable, Thumb Screw (x8)
- Optional accessories: Edge finishing kit, Color calibration kit, CRD41

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, CB, BSMI, CU, ETL, FCC, Class A, PSB, RoHS



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