

Philips Signage Solutions
Video Wall Display

55"

Direct LED Backlight
Full HD
500cd/m²

SignageSolutions

55BDL3105X

Versatile videowall display

featuring an ultra-narrow bezel

Command attention with a Philips X-Line Videowall display. An ultra-narrow bezel allows for near seamless linking for a display of any size, whilst Advanced ColourCalibration ensures a clear image in any lighting condition.

Immersive visual experience

- Direct LED IPS display with brilliant FHD picture quality
- Ultra-narrow 3.5mm bezel for near seamless display linking
- Pure Colour Pro and advanced colour accuracy

Control made easy

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

Powerful system solution

- Tiling mode. Create tiled 4K videowalls of any size
- FailOver ensures content is always playing
- OPS slot allows for PC embedding without cabling
- Energy saving automatic backlight control when using CRD41

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

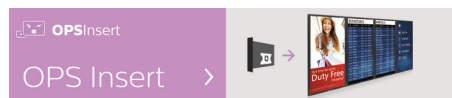
Embed an Android System-on-Chip (SoC) in your Philips Professional Display. The optional CRD50 module is an OPS device that enables Android processing power without the need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including power supply).

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.

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.

Specifications

Picture/Display

- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 1.07 B
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution

• Computer formats

| Resolution | Refresh rate |
|-------------|--------------|
| 1920 x 1080 | 60Hz |
| 1600 x 1200 | 60Hz |
| 1366 x 768 | 60Hz |
| 1360 x 768 | 60Hz |
| 1280 x 1024 | 60Hz |
| 1280 x 800 | 60Hz |
| 1280 x 768 | 60Hz |
| 1024 x 768 | 60, 75Hz |
| 1280 x 960 | 60Hz |
| 640 x 480 | 60, 72, 75Hz |
| 720 x 400 | 70Hz |
| 800 x 600 | 60, 75Hz |

• Video formats

| Resolution | Refresh rate |
|------------|--------------|
| 1080p | 50, 60Hz |
| 720p | 50, 60Hz |
| 1080i | 25, 30Hz |

Connectivity

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

Convenience

- Signal loop through: RS232, DisplayPort, IR Loophrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- Placement: Landscape, Portrait
- Screen saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 15 x 15
- Control software: SICP / CMND&Control

Dimensions

- Bezel thickness: 3.5 mm (A-A)
- Bezel width: Top/Left: 2.3mm, Bottom/Right: 1.2mm
- Set dimensions (W x H x D): 1213.4 x 684.2 x 98 mm (D@Wall Mount) / 99.2 (D@Handle) mm
- Set dimensions in inch (W x H x D): 47.77 x 26.94 x 3.86 (D@Wall Mount) / 3.91 (D@Handle) inch
- Product weight: 26.2 kg
- Wall Mount: 400 x 400 mm

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% RH (No condensation)
- Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

Power

- Standby power consumption: <0.5W
- Consumption (Max): 320 W
- Consumption (Typical): 160 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Energy Label Class: G

Sound

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

Accessories

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

Miscellaneous

- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
- Regulatory approvals: CE, CB, BSMI, CU, EPA, ETL, FCC, Class A, PSB, RoHS, VCCI
- Warranty: 3 year warranty

Multimedia Applications

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



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