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

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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): 1400:1
- 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 M
- 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 1200	60Hz
1920 x 1080	60Hz
1600 x 1200	60Hz
1440 x 900	60Hz
1366 x 768	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60Hz
800 x 600	56, 60, 72, 75Hz
640 x 480	60, 67, 72, 75Hz

- Video formats

Resolution	Refresh rate
3840 x 2160	30Hz
1080p	50, 60Hz
1080i	50, 60Hz
720p	50, 60Hz
576i	50Hz
576p	50Hz
480i	60Hz
480p	60Hz

Connectivity
- Video input: DVI-D, HDMI (x2), VGA (Analog D-Sub), DisplayPort (1.2), Component (BNC), Composite (BNC)
- Video output: DisplayPort, DVI-I, VGA (via DVI-I)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector
- External control: IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack, RJ45 x2
- Other connections: OPS

Convenience
- Signal Loop Through: RS232, VGA, DisplayPort, DVI, IR Loopthrough, Ethernet
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Optional Ambient light sensor, Smart Power
- Network controllable: RS232, RJ45, Card OPS RS232, One Wire (HDMI-CEC)
- Placement: Landscape (24/7), Portrait (24/7)
- Screen saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 15 x 15
- Control software: SICP / CMND&Control
- RJ45 hub: 2 ports

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
- Set dimensions in inch (W x H x D): 47.77 x 26.94 x 3.86 inch
- Product weight: 24.35 kg
- VESA Mount: 400 x 400 mm

Operating conditions
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- Relative humidity: 20 ~ 80 %
- MTBF: 50,000 hour(s)

Power
- Consumption (On mode): 133W
- Standby power consumption: <0.5W

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

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, RS232 cable, Quick start guide, Edge alignment pins, Edge alignment plates
- Optional accessories: Edge finishing kit, Color calibration kit, CRD41, (Ambient light sensor), (Human Motion Sensor)

Miscellaneous
- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT
- Warranty: 3 year warranty

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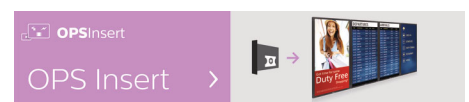
Optional CRD50 module
Embed an Android System-on-Chip (SoC) in your Philips Professional Display. The optional CRD50 module is an OPS device that enables Android processing power without the need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including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

SmartPower   Advanced ColourCalibration   UltraNarrow Bezel   FailOver

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