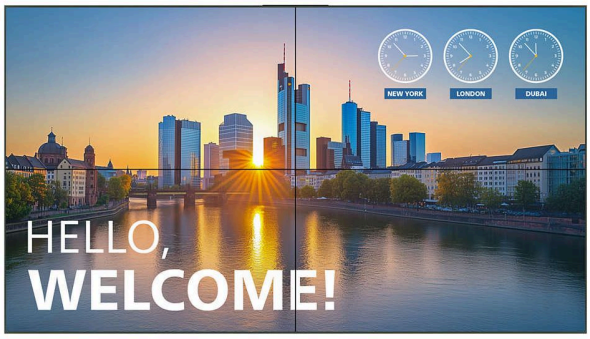
PHILIPS



Videowall

Signage Solutions

55"

Direct LED Backlights

Full HD

500cd/m²

55BDL3305X

Captivate and connect

Remarkable retail experiences around the clock

The Philips Videowall 3000 is designed for 24/7 operation and engages customers with its dynamic, immersive content. The CMND platform simplifies the management of content, while FailOver ensures enhanced reliability and peace of mind.

Cost-effective system solution
- FailOver ensures content is always playing

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

Specifications

Picture/Display
Diagonal screen size: 54.5 inch / 138.7 cm
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 Port1.2 (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: 0.5W
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: 1080p, 50, 60Hz, 720p, 50, 60Hz, 1080i, 25, 30Hz, 2160P 50, 60Hz ((HDMI/OPS/DP)

Dimensions
Set dimensions (W x H x D): 1211.3 x 682.1 x 97.8 mm (D@WallMount) / 97.8 mm (D@Handle) mm
Smart Insert mount: 100mm x 100mm, 6xM4xL6
Product weight: 28.8 kg
Wall Mount: 400 x 400 mm, M6
Set dimensions in inch (W x H x D): 47.69 x 26.85 x 3.85 (D@WallMount) / 3.85 (D@Handle) inch
Bezel width (combined): <3 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 year 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.

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).

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.

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.

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.

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.

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