Philips Signage Solutions
Video Wall Display

49"
Direct LED Backlight
Full HD
500 cd/m²

SignageSolutions

49BDL2105X

Make an impact

Spectacular retail experiences, all day and all night

Designed for 24/7 operation, the Philips X-Line Videowall display captivates customer attention with its immersive moving content. CMND makes managing your promotions and retail content easy, whilst FailOver adds greater peace of mind.

Effortless setup. Total control.
- Operate, monitor and maintain with CMND and Control
- Add Android processing power with an optional CRD50 module

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

Brilliant images. Endless possibilities.
- Full HD monitors. Brilliant images. Clear contrast
- IPS panel: rich colour consistency from every angle
- Ultra-narrow bezels. For distraction-free images

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

PHILIPS

Specifications

Picture/Display
- Diagonal screen size: 48.5 inch / 123 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.55926 x 0.55926 mm
- Display colours: 1.07 B
- Contrast ratio (typical): 1100:1
- Haze: 3%

Supported Display Resolution
- Computer formats

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

- Video formats

Resolution	Refresh rate
720p	50, 60 Hz
1080i	25, 30 Hz
1080p	50, 60 Hz
2160 P 50	60 Hz ((HDMI/OPS/DP)

Connectivity
- Video input: Display Port1.2 (x 1), DVI-D (x 1), HDMI 2.0 (x 2), VGA (Analogue D-Sub) (x 1)
- Audio input: 3.5 mm mini jack (x 1)
- Video output: DisplayPort 1.2 (x 1)
- Audio output: 3.5 mm Mini Jack (x 1)
- External control: IR (in) 3.5 mm jack, LAN RJ45 (x2)
- Other connections: OPS, USB 2.0 (x 1), Thermal sensor

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)

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% (without condensation)
- Humidity range (storage) [RH]: 5 - 95% (without condensation)

Power
- Consumption (Typical): 100 W
- Consumption (Max): 230 W
- Consumption (On mode): 64 W
- Standby power consumption: 0.5 W
- Energy Label Class: G

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

Accessories
- Included Accessories: Gap pad x 3, IR sensor cable (1.8 m) (x 1), Quick start guide (x 1), Remote control and AAA batteries, RJ45/RS232 converter, Wire Clamper (x 3), 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
- Regulatory approvals: CE, FCC, Class A, RoHS, CB, ETL, BSMI
- Warranty: 3 year warranty

Dimensions
- Smart Insert mount: 100 mm x 100 mm, 6xM4xL6
- Set dimensions (W x H x D): 1077.6 x 607.8 x 93.3 mm(D@WallMount)/ 103.3 mm(D@Handle) mm
- Set dimensions in inch (W x H x D): 42.44 x 23.94 x 3.68 (D@WallMount)/4.1 (D@Handle) inch
- Bezel width: 2.3 mm + 1.2 mm
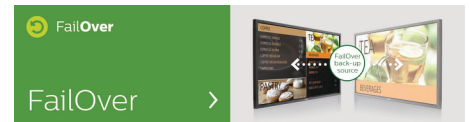- Wall Mount: 400 mm x 400 mm, M6
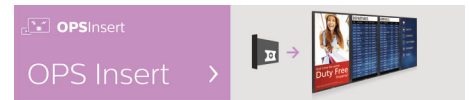- Product weight: 21.7 kg

Highlights

CMND and Control

Run your display network over a local (LAN) connection. CMND and Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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 that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.

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.

Optional CRD50 module
Embed an Android System-on-Chip (SoC) into 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).

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.

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.

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