



Philips Signage Solutions  
Video Wall Display

65"

Direct LED Backlight  
Ultra HD  
500 cd/m<sup>2</sup>

**SignageSolutions**



65BDL6005X

## Get the bigger picture

Monitor, manage and control

Ensure that every detail is under control. The Philips X-Line Videowall display is designed for 24/7 operation and can be customised to fit all of your content needs. View content from multiple sources in real-time with enhanced picture quality.

### **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.**

- IPS panel: rich colour consistency from every angle
- Ultra HD monitors. Brilliant images. Clear contrast
- 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: 64.5 inch / 164 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 500 cd/m<sup>2</sup>
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.372 x 0.372 mm
- Display colours: 1.07 B
- Contrast ratio (typical): 1300:1
- Haze: 25%

## 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
3840 x 2160	60 Hz

### Video formats

Resolution	Refresh rate
720p	50, 60 Hz
1080i	25, 30 Hz
1080p	50, 60 Hz
3840 x 2160	60 Hz
2160 P 50	60 Hz ((HDMI/OPS/DP)

## Connectivity

- Video input: Display Port 1.2 (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, IR (in/out) RJ45, LAN RJ45 (x2), RS232 (in/out) RJ45
- Other connections: OPS, USB 2.0 (x 1)

## Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 10 x 10
- Signal loop through: DisplayPort, IR and RS232 via RJ45, LAN

- Ease of installation: Carrying Handles, Smart Insert
- Energy-saving functions: Smart Power
- Network controllable: LAN (RJ45)
- Screen-saving functions: Pixel Shift, Low Bright

## 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): 210 W
- Consumption (Max): 400 W
- Standby power consumption: 0.5 W
- Consumption (On mode): 150 W
- Energy Label Class: G

## Sound

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

## Accessories

- Included Accessories: AC Switch Cover, Edge Alignment Kit, 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)

## 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
- Warranty: 3 year warranty

## Dimensions

- Set dimensions (W x H x D): 1432.6 x 807.6 x 88.8 mm(D@WallMount)/ 91.7 mm(D@Handle) mm
- Set dimensions in inch (W x H x D): 56.40 x 31.80 x 3.50 (D@WallMount)/3.61 (D@Handle) inch
- Bezel width: 2.3 mm + 1.2 mm
- Wall Mount: 400 mm x 400 mm, M6
- Product weight: TBD 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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