Philips Signage Solutions
Video Wall Display

65"
Direct LED Backlight
Ultra HD
500 cd/m²

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

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

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

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Specifications

Picture/Display
- Diagonal screen size (metric): 164 cm
- Diagonal screen size (inch): 64.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.372 x 0.372 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 500 cd/m²
- Display colours: 1.07 B
- Contrast ratio (typical): 1300:1
- 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 (x 1)
- 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)
- Other connections: OPS, USB 2.0 (x 1)
- Video output: DisplayPort 1.2 (x 1)
- External control: IR (in) 3.5 mm jack, IR (in/out) RJ45, LAN RJ45 (x2), RS232 (in/out) RJ45

Convenience
- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 10 x 10
- Screen-saving functions: Pixel Shift, Low Bright
- 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)

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

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

Supported Display Resolution
- Computer formats: 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: 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)

Dimensions
- Set Width: 1432.6 mm
- Product weight: 29.2 kg
- Set Height: 807.6 mm
- Set Depth: 88.8 mm(D@WallMount)/ 91.7 mm(D@Handle) mm
- Set Width (inch): 56.40 inch
- Set Height (inch): 31.80 inch
- Wall Mount: 400 mm x 400 mm, M6
- Set Depth (inch): 3.50 (D@WallMount)/3.61 (D@Handle) inch
- Bezel width: 2.3 mm + 1.2 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: 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)
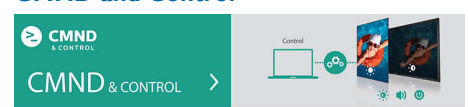
Miscellaneous
- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Simplified Chinese, Turkish, Traditional Chinese
- Warranty: 3 year warranty
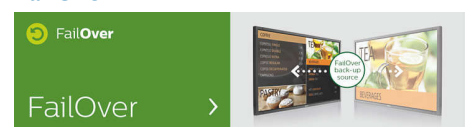- Regulatory approvals: CE, FCC, Class A, RoHS, CB, ETL
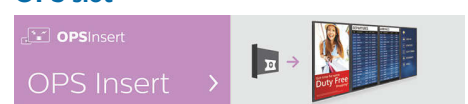
Highlights

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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