55BDL4007X

Go big

Versatile videowall display.

Command attention with an X-Line professional videowall display. Crisp contrast and slim bezels enable clear, distraction-free imaging. Whether you're running an airport or hosting a conference

Effortless setup. Total control.
- Operate, monitor and maintain with CMND & Control
- CMND & Create. Develop and launch your own content
- Remote system management through CMND
- Add Android processing power with an optional CRD50 module

Powerful system solution
- Energy-saving automatic backlight control
- FailOver ensures content is always playing
- 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
- Extra-narrow (1.8 mm) bezels. For distraction-free images
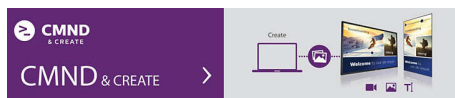
PHILIPS

Highlights

CMND

Take control of your Philips Professional Display network. CMND lets you manage, update, maintain, and play via one easy-to-use interface. From installation to daily operation.

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.

CMND & Create

Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.
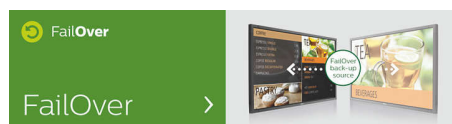
Energy-saving

Energy-saving automatic backlight control

Extra-narrow (1.8 mm) bezels.

Extra-narrow (1.8 mm) bezels. For distraction-free images

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.
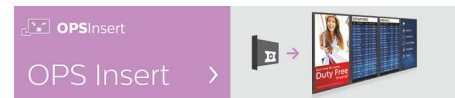
Full HD monitors

Full HD monitors. Brilliant images. Clear contrast

IPS panel rich color

IPS panel: rich color consistency from every angle

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) 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).

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.

Specifications

Connectivity

- Audio output: External speaker connector, 3.5 mm Mini Jack (x1)
- Video input: Composite (Share component Y), Component BNC (x3), Display Port1.2 (x1), DVI-D (x1), HDMI 1.4 (x2), VGA (Analog D-Sub) (x1), USB 2.0 (x1)
- Audio input: 3.5 mm mini jack (x1), Audio Left / Right (RCA) x 1
- Other connections: OPS, Thermal sensor
- Video output: DVI-I (x1), DisplayPort 1.2 (x1)
- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45 x2

Picture/Display

- Diagonal screen size (metric): 138.7 cm
- Diagonal screen size (inch): 54.6 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.63 x 0.63 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Display colors: 1.07 B
- 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: 28 %

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, RS232, DVI Loopthrough, IR Loopthrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- RJ45 hub: available

Sound

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

Power

- Consumption (Typical): 165 W
- Consumption (Max): 360 W
- Standby power consumption: <0.5W

Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 30Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30Hz

Dimensions

- Set Width: 1211.4 mm
- Product weight: 24.9 kg
- Set Height: 682.2 mm
- Set Depth: 97.3(D@Handle) / 98.4 (D@Wall mount) mm
- Set Width (inch): 47.69 inch
- Set Height (inch): 26.86 inch
- Wall Mount: 400mm x 400mm, M6
- Set Depth (inch): 3.83 (D@Handle) / 3.87 (D@Wall mount) inch
- Bezel width: 0.9 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 - 90% (without condensation)

Multimedia Applications

- USB Playback Video: ISM, M2TS, M4V, Manifest, MK3D, MKV, MP4, MPEG, MPG, MPD, MT2, MTS, TS, VOB
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Audio: AAC, AIF, AIFF, ASF, M3U, M4A, MP3, MP4, PLS, WAV, WMA

Accessories

- Included Accessories: AC Switch Cover, Gap pad x3, Kit-1 (x1), Kit-2 (x2), Power cable (3m), Quick start guide (x1), Remote control & AAA batteries, RS232 Cable (3m), RS232 daisy-chain cable, Wire Clamper (x3), HDMI cable (1.8 m) (x1)
- Stand: BM05462 / BM05922 (Optional)

Miscellaneous

- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Simplified Chinese, Turkish, Traditional Chinese
- Warranty: 3 years warranty
- Regulatory approvals: FCC, Class A, RoHS, CB, BSMI, PSB, CE, CU, ETL, CCC, CECP