Versatile videowall display

featuring an ultra-narrow bezel

Command attention with a Philips X-Line Videowall display. An ultra-narrow bezel allows for near seamless linking for a display of any size, whilst Advanced Colour Calibration ensures a clear image in any lighting condition.

Immersive visual experience
- Direct LED IPS display with brilliant FHD picture quality
- Ultra-narrow 3.5 mm bezel for near seamless display linking
- Pure Colour Pro and advanced colour accuracy

Control made easy
- Remote system management through CMND
- Operate, monitor and maintain with CMND and Control
- Add Android processing power with an optional CRD50 module

Powerful system solution
- Tiling mode. Create tiled 4K videowalls of any size
- FailOver ensures that content is always playing
- OPS slot allows for PC embedding without cabling
- Energy saving automatic backlight control when using CRD41

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Highlights

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.
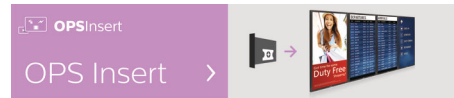
Optional CRD50 module

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).

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.

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.

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.

SmartPower   Advanced ColourCalibration   UltraNarrow Bezel   FailOver

Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colours: 1.07 M
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution
- Computer formats

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

- Video formats

Resolution	Refresh rate
1080p	50, 60 Hz
720p	50, 60 Hz
1080i	25, 30 Hz

Connectivity
- Video input: Component BNC (x 3), Composite (Share component Y), DisplayPort, DVI-D (x 1), VGA (Analogue D-Sub) (x 1)
- Video output: DisplayPort, DVI-I (x 1)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA)
- External control: IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack, RJ45
- Other connections: OPS

Convenience
- Signal loop through: RS232, DisplayPort, DVI Loop through, IR Loop through
- Ease of installation: Carrying Handles, Smart Insert
- Energy-saving functions: Smart Power
- Network controllable: RS232, RJ45
- Placement: Landscape (24/7), Portrait (24/7)
- Screen-saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 15 x 15
- Control software: SICP / CMND & Control

Dimensions
- Bezel thickness: 3.5 mm (A-A)
- Bezel width: Top/Left: 2.3 mm, Bottom/Right: 1.2 mm
- Set dimensions (W x H x D): 1213.4 x 684.2 x 98 mm (D@Wall Mount)/99.2 (D@Handle) mm
- Set dimensions in inch (W x H x D): 47.77 x 26.94 x 3.86 (D@Wall Mount)/3.91 (D@Handle) inch
- Product weight: 26.2 kg
- VESA Mount: 400 x 400 mm

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% RH (No condensation)
- Humidity range (storage) [RH]: 5~95% RH (No condensation)

Power
- Standby power consumption: <0.5 W
- Consumption (Max): 400 W
- Consumption (Typical): 270 W

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

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, Quick start guide, Edge alignment pins, DVI-D cable, RS232 cable
- Optional accessories: Edge finishing kit, Colour calibration kit, CRD41
- Included Accessories: Edge Alignment Kit (1) - 1 pcs, Edge Alignment Kit (2) - 2 pcs, HDMI cable (1.8 m) (x 1), IR cable, IR sensor cable (1.8 m) (x 1), RS232 daisy chain cable, Thumb Screw (x 8)

Miscellaneous
- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
- Regulatory approvals: CE, UL/cUL, CB, GOST, EPEAT, FCC, Class B
- Warranty: 3 year warranty

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

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