Video Wall Display

- 55"
- Direct LED Backlight
- Full HD
- 700cd/m²

55BDL8007X/00

Impressive videowall

Inspire your team and guests

Take presentations and corporate branding to the next level. The Philips X-Line Videowall display brings your content to life to ensure absolute audience engagement in every setting with Pure Colour Pro.

Benefits

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

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

Brilliant images. Endless possibilities.
- Full HD monitors. Brilliant images. Clear contrast

- IPS panel: rich color 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

Features

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.

Energy-saving

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

IPS panel rich color

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

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Picture/Display

Diagonal screen size (metric)	138.7 cm
Diagonal screen size (inch)	54.5 inch
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	700 cd/m²
Dynamic contrast ratio	500,000:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.63 x 0.63 mm
Display colors	1.07 B
Contrast ratio (typical)	1100:1
Haze	28 %

Supported Display Resolution

Computer formats	640 x 480, 60, 72, 75Hz
	720 x 400, 70Hz
	800 x 600, 60, 75Hz
	1024 x 768, 60, 75Hz
	1280 x 768, 60Hz
	1280 x 800, 60Hz
	1280 x 960, 60Hz
	1280 x 1024, 60Hz
	1360 x 768, 60Hz
	1366 x 768, 60Hz

	1600 x 1200, 60Hz
	1920 x 1080, 60Hz
Video formats	720p, 50, 60Hz
	1080i, 25, 30Hz
	1080p, 50, 60Hz
	2160P 50, 60Hz ((HDMI/OPS/DP)

Connectivity

Video input	DVI-D (x1)
	VGA (Analog D-Sub) (x1)
	Display Port1.3 (x1)
	HDMI 2.0 (x2)
Audio input	3.5 mm mini jack (x1)
Video output	DisplayPort 1.3 (x1)
Audio output	3.5 mm Mini Jack (x1)
External control	IR (in) 3.5 mm jack
	LAN RJ45 (x2)
	Signal loopthrough RJ45(x2)
Other connections	OPS
	USB 2.0 (x1)
	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)	

Kit-1 (x1)
Kit-2 (x2)

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)	190 W
Consumption (Max)	370 W
Consumption (On mode)	150 W
Standby power consumption	0.5 W
Energy Label Class	G

Sound

Built-in speakers	2 x 10W (RMS)

Accessories

Included Accessories	AC Switch Cover
	Gap pad x3
	IR sensor cable (1.8 m) (x1)
	Quick start guide (x1)
	Remote control & AAA batteries
	RJ45 / RS232 converter
	Wire Clamper (x3)
	Power cord
	DP cable (x1)
	RJ45 cable (x1)
	Edge alignment pin (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
	BSMI
	ETL
	PSE
Warranty	3 years warranty

Dimensions

Smart Insert mount	100mm x 100mm, 6xM4xL6
Set Width	1210.5 mm
Set Height	681.2 mm
Set Depth	97.3 mm(D@WallMount)/98.4 mm(D@Handle) mm
Set Width (inch)	47.66 inch
Set Height (inch)	26.82 inch
Set Depth (inch)	3.83 (D@WallMount)/3.87 (D@Handle) inch
Bezel width	0.44 mm + 0.44 mm
Wall Mount	400mm x 400mm, M6
Product weight	23.8 kg

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