H-Line Display

- 55"
- 2500cd/m²
- Full HD

55BDL3002H/00

Turn heads

High-brightness 24/7 display.

Stay visible day and night with a Philips H-Line High-brightness Professional Full HD Display. Astonishing clarity and contrast make this a perfect solution for window displays and bright locations. From museums to retail.

Benefits

Brilliant picture. High brightness.

- High brightness (2500 cd/m2). Suited to semi-outdoor use
- Full HD. Clear images. Crisp contrast
- Automated light output with optional external light sensor

Effortless setup. Total control.

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

- CMND & Create. Develop and launch your own content

Versatile system solution

- FailOver ensures content is always playing
- OPS slot allows for PC embedding without cabling
- Energy-saving automatic backlight control

Features

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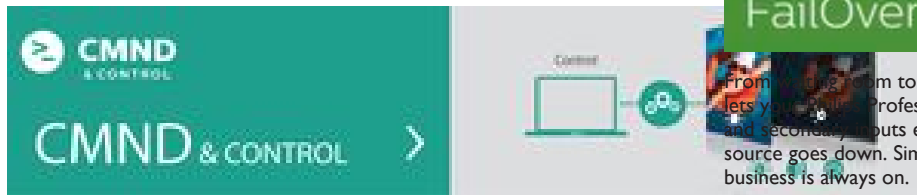 need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including power supply).
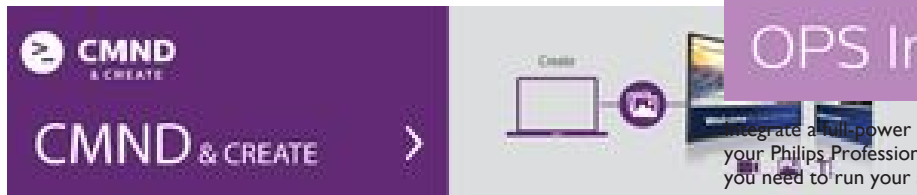
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CMND

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.

FailOver

From meeting room to meeting room, never show a blank screen. FailOver lets your 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.

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.

High brightness (2,500 cd/m2)

Make a big impact in bright or semi-outdoor locations. This ultra-high-brightness 2500 cd/m2 display is perfect for attracting attention in large, busy areas that are subject to high ambient light.

Specifications

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Picture/Display

Diagonal screen size (inch)	55 inch
Diagonal screen size (metric)	139.7 cm
Panel technology	SVA
Optimum resolution	1920 x 1080 @ 60Hz
Brightness	2500 cd/m²
Contrast ratio (typical)	5000:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	6 ms
Pixel pitch	0.63 x 0.63 mm
Display colors	16.7 M (8 bits)
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter 3D MA deinterlacing Dynamic contrast enhancement Motion compens. deinterlacing Progressive scan
Panel resolution	1920x1080p

Connectivity

Video input	VGA (Analog D-Sub) DisplayPort (1.2) DVI-D Component (BNC) Composite (BNC) HDMI (x2)
Video output	DisplayPort

	DVI-I
Audio input	3.5 mm jack Audio Left/Right (RCA)
Audio output	3.5mm jack
External control	RS232C (in/out) 2.5 mm jack RJ45 IR (in/out) 3.5 mm jack
Other connections	AC-out OPS USB

Dimensions

Bezel width	15.6 mm
Set Width	1242.2 mm
Set Height	713 mm
Set Depth	137.9 mm
Set Width (inch)	48.9 inch
Set Height (inch)	28.1 inch
Set Depth (inch)	5.43 inch
Wall Mount	400 x 400 mm, M6
Product weight	35.8 kg
Product weight (lb)	78.94 lb
Smart insert height	200 mm
Smart insert width	100 mm

Convenience

Placement	Landscape Portrait
Network controllable	RS232 HDMI (One Wire) LAN (RJ45)
Signal loop through	RS232 IR Loopthrough
Energy saving functions	Smart Power

Remote control signal	Lockable	Regulatory approvals	BSMI
Keyboard control	Hidden		CB
	Lockable		CE
Ease of installation	Smart Insert		FCC, Class B
	Edge Alignment Kit		UL/cUL
Other convenience	Carrying handles	Warranty	3 year warranty
Screen saving functions	Pixel Shift, Low Brightness		
Picture performance	Advanced color control		

Power

Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical)	368 W
Standby power consumption	<0.5W

Sound

Built-in speakers	2 x 10W RMS

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
Relative humidity	20 ~ 80(operation),5 - 95% (storage) %
MTBF	50,000 hour(s)
Altitude	0 ~ 3000 m

Accessories

Included accessories	AC Power Cord
	Batteries for remote control
	Quick start guide
	Remote Control
	Edge alignment plates
	RS232 cable
Optional accessories	IR Light Motion Sensor (CRD41)
	Table top stand
Included Accessories	RS232 daisy-chain cable

Miscellaneous

On-Screen Display Languages	English
	French
	German
	Italian
	Polish
	Russian
	Spanish
	Turkish
	Simplified Chinese
	Traditional Chinese
	Arabic
	Japanese
	Portuguese

Multimedia Applications

USB Playback Audio	AAC
	AIF
	AIFF
	ASF
	LPCM
	M3U
	M4A
	MP3
	MP4
	WAV
	WMA
USB Playback Picture	BMP
	GIF
	JPEG
	JPG
USB Playback Video	M2TS
	M4V
	MK3D
	MKV
	MP4
	MPEG
	MPG
	MTS
	TS
	TTS
	VOB
	WMV

Supported Display Resolution

Computer formats	1024 x 768, 60Hz
	1280 x 1024, 60Hz
	1280 x 768, 60Hz
	1280 x 800, 60Hz
	1360 x 768, 60Hz
	1600 x 1200, 60Hz
	1920 x 1080, 60Hz
	1920 x 1200, 60Hz
	640 x 480, 60, 67, 72, 75Hz
	720 x 400, 70Hz
	800 x 600, 60, 72, 75Hz
Video formats	1080i, 25, 30Hz
	1080p, 50, 60Hz
	480i, 30, 60Hz
	480p, 60Hz
	576i, 25, 50Hz
	576p, 50Hz
	720p, 50, 60Hz

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data subject to change
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