

H-Line Display

- 55"
- 2500cd/m²
- Full HD

55BDL3102H/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
- Automated light output with optional external light sensor
- Full HD. Clear images. Crisp contrast

Effortless setup. Total control.

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

Versatile system solution

- FailOver. Ensure your display never goes blank
- OPS slot. Embed a full-power PC. No cabling required
- Energy-saving automatic backlight control

Features

Optional CRD50 module

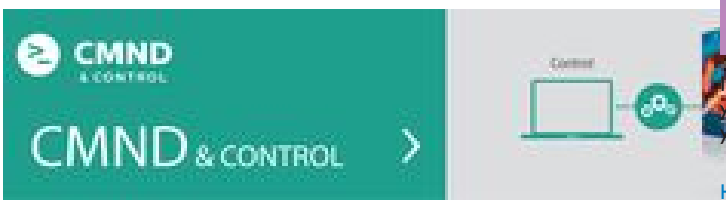
Embed an Android System-on-Chip (SoC) in your Philips Professional Display. The optional CRD50 module is an OPS device that enables Android processing power without the need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including power supply).

PHILIPS

CMND

Take control of your Philips Professional Display network. CMND lets you manage, 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

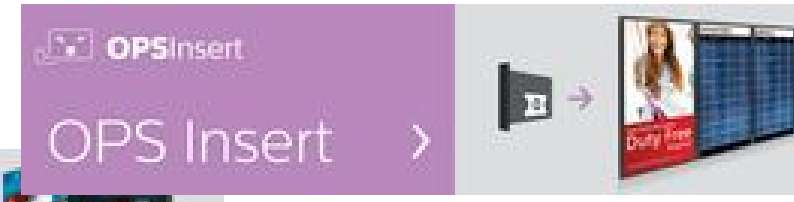
Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

FailOver



From 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.

OPS slot



Integ[illegible]ower PC or Android-powered CRD50 module directly into your [illegible]essional Display. The OPS slot contains all the connections you need to [illegible]your slot-in solution, including a power supply.

High brightness (2,500 cd/m2)

Make an impact in bright or semi-outdoor locations. This high-brightness 2500 cd/m2 display delivers a clear picture in areas that are subject to high ambient light. Perfect for window displays and public-information areas.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (inch)	54.6 inch
Diagonal screen size (metric)	138.7 cm
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
Panel resolution	1920x1080p

Connectivity

Video input	Component (BNC) x1 Composite (Share component Y) Display Port1.2x1 DVI-Dx 1 HDMI 1.4x2 VGA (Analog D-Sub) x 1
Video output	DisplayPort1.2x1 DVI-I x1
Audio input	3.5 mm jack Audio Left/Right (RCA)
Audio output	3.5mm jack External speaker connector
External control	RS232C (in/out) 2.5 mm jack RJ45 IR (in/out) 3.5 mm jack
Other connections	AC-out OPS USB 2.0 (Type A) x 1

Dimensions

Bezel width	15.6 mm
Set Width	1243.2 mm
Set Height	714 mm
Set Depth	137.9 mm
Set Width (inch)	48.9 inch
Set Height (inch)	28.1 inch
Set Depth (inch)	5.43 inch
VESA Mount	400 x 400 mm, M6
Product weight	32.2 kg
Product weight (lb)	78.94 lb
Smart insert height	200 mm
Smart insert width	100 mm
Smart Insert mount	100 x 100mm,100 x 200mm

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2019, August 23

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
Keyboard control	Hidden Lockable
Ease of installation	Smart Insert Carrying Handles
Other convenience	Carrying handles
Screen saving functions	Pixel Shift, Low Brightness
Picture performance	Advanced color control

Power

Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical)	300 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 RS232 cable
Included Accessories	RS232 daisy-chain cable Edge Alignment Kit (1) -1 pcs Edge Alignment Kit (2) - 2 pcs Logo guide Philips logo Thumbscrew (8pcs)

Miscellaneous

On-Screen Display Languages	English French German Italian Polish Russian Spanish Turkish Simplified Chinese Traditional Chinese Arabic Japanese Portuguese Dutch
Regulatory approvals	CB CE UL/cUL EAC EMF FCC, Class A PSB PSE VCCI
Warranty	3 year warranty

Multimedia Applications

USB Playback Audio	AAC LPCM M4A MP3 WMA
USB Playback Picture	BMP GIF JPEG PNG
USB Playback Video	M2TS M4V MK3D MKV MP4 MPEG MPG MTS TS VOB ISM Manifest MPD

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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