



Philips Signage Solutions
H-Line Display

55"
2500 cd/m²
Full HD

SignageSolutions

55BDL3102H

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.

Brilliant picture. High brightness.

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

Effortless setup. Total control.

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

Versatile system solution

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

PHILIPS

Highlights

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

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 and Control



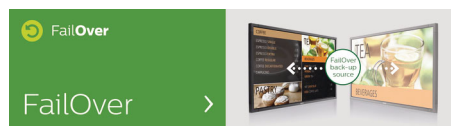
Run your display network over a local (LAN) connection. CMND and Control allows you to perform vital functions like controlling inputs

and monitoring display status. Whether you're in charge of one screen or 100.

CMND and Create

Take control of your content with CMND and 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 that your stills, text and video will be up and running in no time.

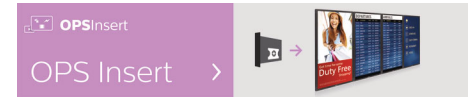
FailOver



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 that content keeps playing even if the

primary source goes down. Simply set a list of alternative 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 (2500 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

Picture/Display

- Diagonal screen size: 54.6 inch / 138.7 cm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- 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 colours: 16.7 M (8 bits)
- Viewing Angle (H / V): 178 / 178 degree
- Panel resolution: 1920 x 1080p

Connectivity

- Video input: Component (BNC) x 1, Composite (Share component Y), DisplayPort 1.2 x 1, DVI-Dx 1, HDMI 1.4 x 2, VGA (Analogue D-Sub) x 1
- Video output: DisplayPort 1.2 x 1, DVI-I x 1
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: 3.5 mm 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 dimensions (W x H x D): 1243.2 x 714 x 137.9 mm
- Set dimensions in inch (W x H x D): 48.9 x 28.1 x 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 100 mm, 100 x 200 mm

Convenience

- Placement: Landscape, Portrait
- Network controllable: RS232, HDMI (One Wire), LAN (RJ45)
- Signal Loop Through: RS232, IR Loop through
- 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 colour control

Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 300 W
- Standby power consumption: <0.5 W

Sound

- Built-in speakers: 2 x 10 W 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 (8 pcs)

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

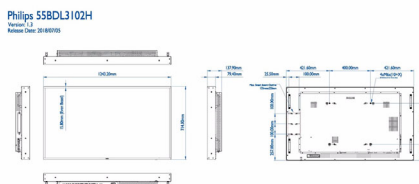
Supported Display Resolution

• Computer formats

Resolution	Refresh rate
1024 x 768	60 Hz
1280 x 1024	60 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1360 x 768	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz
1920 x 1200	60 Hz
640 x 480	60, 67, 72, 75 Hz
720 x 400	70 Hz
800 x 600	60, 72, 75 Hz

• Video formats

Resolution	Refresh rate
1080i	25, 30 Hz
1080p	50, 60 Hz
480i	30, 60 Hz
480p	60 Hz
576i	25, 50 Hz
576p	50 Hz
720p	50, 60 Hz



Issue date 2019-08-29

Version: 4.1.1

12 NC: 8670 001 52963
EAN: 87 12581 75166 1

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