



Philips Signage Solutions
H-Line Display

55"
2500 cd/m²
Full HD

SignageSolutions

55BDL6002H

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
- Remote system management through CMND
- Operate, monitor and maintain with CMND and Control
- CMND and Create. Develop and launch your own content

Versatile system solution

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

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, update, 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

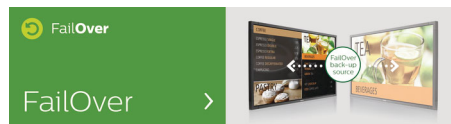
and monitoring display status. Whether you're in charge of one screen or 100.

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.

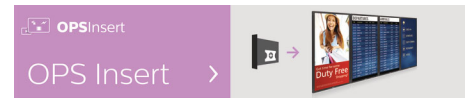
FailOver



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): 4000:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.63 x 0.63 mm
- Display colours: 1.07 B
- Viewing Angle (H / V): 178 / 178 degree
- Panel resolution: 1920 x 1080p

Connectivity

- Video input: Composite (Share component Y), Display Port 1.2 (x 1), DVI-D (x 1), HDMI 1.4 (x 2), VGA (Analogue D-Sub) (x 1), Component (BNC x 3)
- 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: OPS, USB 2.0 (x 1)

Dimensions

- Bezel width: 13.6 mm (Even bezel)
- Set dimensions (W x H x D): 1243.2 x 714 x 137.7 mm
- Set dimensions in inch (W x H x D): 48.9 x 28.1 x 5.42 inch
- VESA Mount: 400 x 400 mm, M6
- Product weight: 31.84 kg
- Product weight (lb): 70.20 lb
- Smart insert height: 200 mm
- Smart Insert mount: 100 mm x 100 mm pitch, 6 x M4L6

Convenience

- Placement: Landscape, Portrait
- Network controllable: RS232, RJ45
- Signal loop through: RS232, IR Loop through, DisplayPort, IR, RJ45
- Energy-saving functions: Smart Power
- Remote control signal: Lockable
- Keyboard control: Hidden, Lockable
- Ease of installation: Carrying Handles, Smart Insert

- 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): 295 W
- Standby power consumption: <0.5 W
- Consumption (Max): 420 W

Sound

- Built-in speakers: 2 x 10 W RMS

Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- MTBF: 50,000 hour(s)
- Altitude: 0 ~ 3000 m
- Humidity range (operation)[RH]: 20~80% RH (No condensation)
- Humidity range (storage) [RH]: 5~95% RH (No condensation)

Accessories

- Included accessories: AC Power Cord, Quick start guide, RS232 cable, Remote Control and AAA Batteries
- Included Accessories: RS232 daisy-chain cable, Edge Alignment Kit (1) - 1 pcs, Edge Alignment Kit (2) - 2 pcs, Philips logo (x 1), 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, AIF, AIFF, ASF, M3U, M4A, MP3, MP4, PLS, WAV, WMA
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Video: ISM, M2TS, M4V, Manifest, MK3D, MKV, MP4, MPD, MPEG, MPG, MT2, MTS, TS, VOB

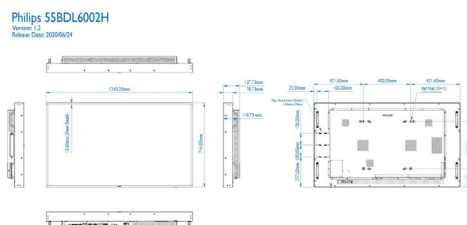
Supported Display Resolution

• Computer formats

Resolution	Refresh rate
1024 x 768	60, 75 Hz
1280 x 1024	60 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1280 x 960	60 Hz
1366 x 768	60 Hz
1366 x 768	60 Hz
1600 x 1200	60 Hz
1920 x 1080	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
1080i	25, 30 Hz
1080p	50, 60 Hz
720p	50, 60 Hz



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