



Philips Signage Solutions  
H-Line Display

55"  
2500 cd/m<sup>2</sup>  
Full HD

**Signage**Solutions

55BDL6002H

## Turn heads

High-brightness 24/7 display.

Stay visible day and night with Philips H-Line Ultra-bright Professional 4K UHD Display. Astonishing clarity and contrast make this a perfect solution for busy areas that are subject to high ambient light. From airports to shopping centres.

### **Brilliant picture. High brightness.**

- Full HD. Clear images. Crisp contrast
- High brightness (2500 cd/m<sup>2</sup>). 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

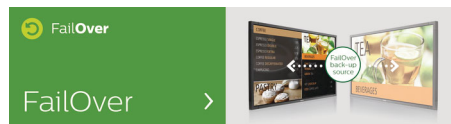
and monitoring display status. Whether you're in charge of one screen or 100.

## 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.

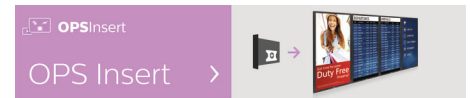
## FailOver



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/m<sup>2</sup>)

Make a big impact in bright or semi-outdoor locations. This ultra-high-brightness 2500 cd/m<sup>2</sup> display is perfect for attracting attention in large, busy areas that are subject to high ambient light.

# Specifications

## Picture/Display

- Diagonal screen size: 54.6 inch / 138.7 cm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 2500 cd/m<sup>2</sup>
- 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

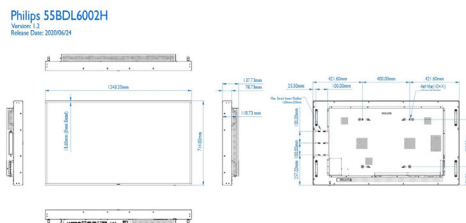
## Supported Display Resolution

### • 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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