

PHILIPS

H-Line Display

Signage Solutions

55"

2500cd/m²

Full HD

55BDL6002H



Turn heads

High-brightness 24/7 display.

Stay visible day and night with Philips H Line Full HD Panel. 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/m²). Suited to semi-outdoor use
- Automated light output with optional external light sensor

Effortless setup. Total control.

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

Versatile system solution

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

Highlights

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).

CMND

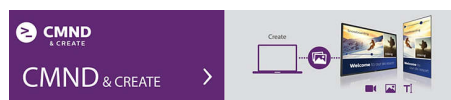
Take control of your Philips Professional Display network. CMND lets you manage, update, maintain, and play via one easy-to-use interface. From installation to daily operation.

CMND & Control



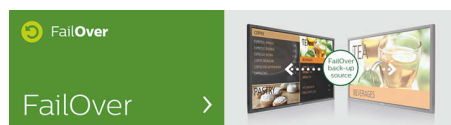
Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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.

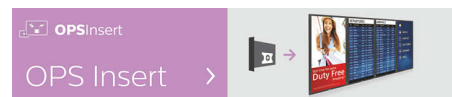
FailOver



From 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



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

Picture/Display

Diagonal screen size (metric): 138.7 cm
 Diagonal screen size (inch): 54.6 inch
 Aspect ratio: 16:9
 Panel resolution: 1920x1080p
 Pixel pitch: 0.63 x 0.63 mm
 Optimum resolution: 1920 x 1080 @ 60Hz
 Brightness: 2500 cd/m²
 Display colors: 1.07 B
 Contrast ratio (typical): 4000 : 1
 Dynamic contrast ratio: 500,000 : 1
 Response time (typical): 8 ms
 Viewing angle (horizontal): 178 degree
 Viewing angle (vertical): 178 degree

Connectivity

Audio output: 3.5mm jack, External speaker connector
Video input: Composite (Share component Y), Display Port 1.2 (x1), DVI-D (x1), HDMI 1.4 (x2), VGA (Analog D-Sub) (x1), Component (BNC x3)
Audio input: 3.5 mm jack, Audio Left/Right (RCA)
Other connections: OPS, USB 2.0 (x1)
Video output: DisplayPort 1.2 (x1), DVI-I (x1)
External control: RS232C (in/out) 2.5 mm jack, RJ45, IR (in/out) 3.5 mm jack

Convenience

Placement: Landscape, Portrait
Screen saving functions: Pixel Shift, Low Brightness
Keyboard control: Hidden, Lockable
Remote control signal: Lockable
Signal loop through: RS232, IR Loophrough, DisplayPort, IR, RJ45
Ease of installation: Carrying Handles, Smart Insert
Energy saving functions: Smart Power

Other convenience: Carrying handles

Picture performance: Advanced color control
Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 295 W
Consumption (Max): 420 W
Standby power consumption: <0.5W

Supported Display Resolution

Computer formats: 1024 x 768, 60, 75Hz, 1280 x 1024, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 960, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz
Video formats: 1080i, 25, 30Hz, 1080p, 50, 60Hz, 720p, 50, 60Hz

Dimensions

Smart Insert mount: 100mm x 100mm pitch, 6xM4L6
Set Width: 1243.2 mm
Product weight: 31.84 kg
Set Height: 714 mm
Set Depth: 137.7 mm
Set Width (inch): 48.9 inch
Set Height (inch): 28.1 inch
Wall Mount: 400 x 400 mm, M6
Set Depth (inch): 5.42 inch
Bezel width: 13.6 mm (Even bezel)
Product weight (lb): 70.20 lb
Smart insert height: 200 mm

Operating conditions

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

Multimedia Applications

USB Playback Video: ISM, M2TS, M4V, Manifest, MK3D, MKV, MP4, MPD, MPEG, MPG, MT2, MTS, TS, VOB
USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
USB Playback Audio: AAC, AIF, AIFF, ASF, M3U, M4A, MP3, MP4, PLS, WAV, WMA

Accessories

Included accessories: AC Power Cord, Quick start guide, RS232 cable, Remote Control & AAA Batteries
Included Accessories: RS232 daisy-chain cable, Edge Alignment Kit (1) - 1 pcs, Edge Alignment Kit (2) - 2 pcs, Philips logo (x1), Thumbscrew (8pcs)

Miscellaneous

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

