Philips Signage Solutions
H-Line Display

55"
2500cd/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 & Control. Operate, monitor, maintain
- CMND & 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) 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, maintain, and play via one easy-to-use interface. From installation to daily operation.

CMND & Control

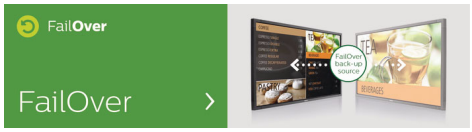


Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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 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.

H-Line Display
55" 2500cd/m², Full HD

55BDL3102H/00

Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 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 (H / V): 178 / 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 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 100mm,100 x 200mm

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

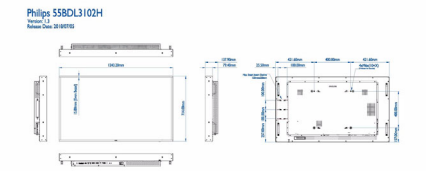
Multimedia Applications
- USB Playback Audio: AAC, LPCM, M4A, MP3, WMA
- USB Playback Picture: BMP, GIF, JPEG, PNG
- USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, VOB, ISM, Manifest, MPD

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
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

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



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