PHILIPS

H-Line Display

Signage Solutions

55"

2500cd/m²

Full HD

55BDL3002H

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

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

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

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.
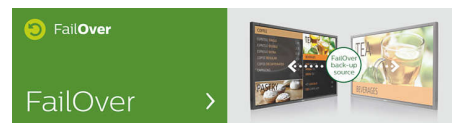
CMND & Control

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.
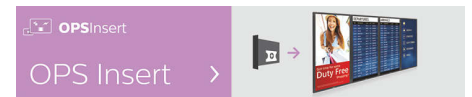
FailOver

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.

HighBright   OPSInsert   SmartPower   SmartPlayer

Specifications

Picture/Display

Diagonal screen size (metric): 139.7 cm
Diagonal screen size (inch): 55 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: 16.7 M (8 bits)
Contrast ratio (typical): 5000:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 6 ms
Viewing angle (horizontal): 178 degree
Viewing angle (vertical): 178 degree
Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
Panel technology: SVA

Connectivity

Audio output: 3.5mm jack
Video input: VGA (Analog D-Sub), DisplayPort (1.2), DVI-D, Component (BNC), Composite (BNC), HDMI (x2)
Audio input: 3.5 mm jack, Audio Left/Right (RCA)
Other connections: AC-out, OPS, USB
Video output: DisplayPort, DVI-I
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 Loopthrough
Ease of installation: Smart Insert, Edge Alignment Kit

Energy saving functions: Smart Power
Other convenience: Carrying handles
Picture performance: Advanced color control
Network controllable: RS232, HDMI (One Wire), LAN (RJ45)

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 368 W
Standby power consumption: <0.5W

Supported Display Resolution

Computer formats: 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: 1080i, 25, 30Hz, 1080p, 50, 60Hz, 480i, 30, 60Hz, 480p, 60Hz, 576i, 25, 50Hz, 576p, 50Hz, 720p, 50, 60Hz

Dimensions

Set Width: 1242.2 mm
Product weight: 35.8 kg
Set Height: 713 mm
Set Depth: 137.9 mm
Set Width (inch): 48.9 inch
Set Height (inch): 28.1 inch
Wall Mount: 400 x 400 mm, M6
Set Depth (inch): 5.43 inch
Bezel width: 15.6 mm
Product weight (lb): 78.94 lb
Smart insert width: 100 mm
Smart insert height: 200 mm

Operating conditions

Altitude: 0 ~ 3000 m
Temperature range (operation): 0 ~ 40 ℃
MTBF: 50,000 hour(s)
Relative humidity: 20 ~ 80(operation),5 - 95% (storage) %
Temperature range (storage): –20 ~ 60 ℃

Multimedia Applications

USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV
USB Playback Picture: BMP, GIF, JPEG, JPG
USB Playback Audio: AAC, AIF, AIFF, ASF, LPCM, M3U, M4A, MP3, MP4, WAV, WMA

Accessories

Included accessories: AC Power Cord, Batteries for remote control, Quick start guide, Remote Control, Edge alignment plates, RS232 cable
Included Accessories: RS232 daisy-chain cable
Optional accessories: IR Light Motion Sensor (CRD41), Table top stand

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: BSMI, CB, CE, FCC, Class B, UL/cUL