

PHILIPS



H-Line Display

Signage Solutions

55"

2500cd/m²

Full HD



55BDL4002H

Vibrant visibility in every lighting condition

High bright 24/7 display

Stay visible day and night with Philips H-Line high bright displays. Astonishing clarity and contrast make this a perfect solution for showcasing engaging content in windows and lighter locations. From airports to shopping malls, and more.

Effortless setup. Total control.

- CMND & Create. Develop and launch your own content
- Add Android processing power with an optional CRD50 module

Superb picture. Ultra-high brightness.

- Full HD resolution street signage
- Built-in ambient light sensor - automated brightness control

Versatile system solution

- OPS slot allows for PC embedding without cabling
- FailOver. Ensure your display never goes blank
- Designed for extreme conditions

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
 Video input: Display Port1.2 (x1), DVI-I (x 1),
 HDMI 2.0 (x2)
 Audio input: 3.5 mm jack
 Other connections: OPS, USB 2.0 (x2)
 Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
 External control: IR (in/out) 3.5 mm jack, RJ45,
 RS232C (in/out) 2.5 mm jack

Convenience

Placement: Landscape (24/7), Portrait (24/7)
 Screen saving functions: Pixel Shift, Low
 Brightness
 Keyboard control: Hidden, Lockable
 Remote control signal: Lockable
 Signal loop through: DisplayPort, RS232, HDMI,
 IR Loophthrough
 Ease of installation: Carrying Handles, Smart
 Insert
 Energy saving functions: Smart Power
 Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
 Consumption (Typical): 245 W
 Consumption (Max): 430 W
 Standby power consumption: <0.5W

Supported Display Resolution

Computer formats: 640 x 480, 60, 72, 75Hz, 720 x
 400, 70Hz, 800 x 600, 60, 75Hz, 1024 x 768, 60,
 75Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280

x 960, 60Hz, 1280 x 1024, 60Hz, 1360 x 768,
 60Hz, 1366 x 768, 60Hz, 1600 x 1200, 60Hz, 1920
 x 1080, 60Hz
 Video formats: 720p, 50, 60Hz, 1080i, 25, 30Hz,
 1080p, 50, 60Hz

Dimensions

Smart Insert mount: 100mm x 100mm pitch,
 6xM4L6
 Set Width: 1248.6 mm
 Product weight: 30.37 kg
 Set Height: 719.4 mm
 Set Depth: 85 mm
 Set Width (inch): 49.16 inch
 Set Height (inch): 28.32 inch
 Wall Mount: 400 x 400 mm, M6
 Set Depth (inch): 3.35 inch
 Bezel width: 17.5 mm (even bezel)
 Product weight (lb): 66.95 lb
 Smart insert height: 100 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: AVI, MP4, MPEG, MPG, TS,
 VOB, MPEG4
 USB Playback Picture: BMP, JPEG, JPG, PNG

Accessories

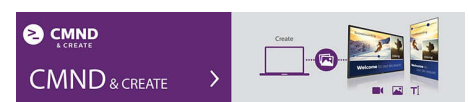
Included Accessories: AC Switch Cover, IR sensor
 cable (1.8 m) (x1), Philips logo (x1), Quick start
 guide (x1), Remote control & AAA batteries, USB
 Cover and screw x1, Wire Clamper (x3), AC Power
 Cord, Edge Alignment Kit, Open frame kit

Miscellaneous

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

Highlights

CMND & Create

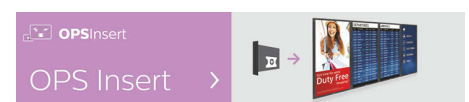


Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

FailOver

Critical for demanding commercial applications, FailOver is a revolutionary technology that automatically plays back-up content on screen in the unlikely event of a media player failure. Simply select a primary input connection and a FailOver connection and you are ready for instant content protection.

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.

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).

Extreme conditions

Enhanced thermal management, High Tni Liquid Crystals panels and built-in thermal sensors to cope with high ambient temperatures (sunlight or other) up to 2500cd/m². Display polarizer compatible with polarized sunglasses for sunlight readability.

High brightness

High-brightness street facing digital displays command attention in any lighting condition, boosting store exposure and attracting customers. Spectacular brightness of up to 2500 cd/m² ensures high visibility and pure image quality, even in extreme ambient light conditions.

