

PHILIPS



H-Line Display

Signage Solutions

55"

2500 cd/m²

Full HD



55BDL4002H

Vibrant visibility in any lighting condition

High bright 24/7 display

Stay visible day and night with Philips H-Line high bright displays. Astonishing clarity and contrast make these a perfect solution to showcase engaging content in windows and lighter locations, from airports to shopping centres and more.

Effortless setup. Total control.

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

Superb picture. Ultra-high brightness.

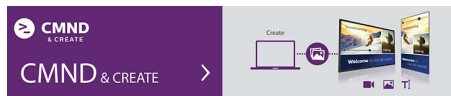
- Full HD resolution street signage
- Built-in ambient light sensor - automated brightness control

Versatile system solution

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

Highlights

CMND and Create

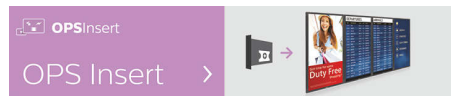


Take control of your content with CMND and Create. A drag-and-drop interface makes it simple to publish your own content, whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure that your stills, text and video will be up and running in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

FailOver

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're 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) 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).

Extreme conditions

Enhanced thermal management, High Tni Liquid Crystal panels and built-in thermal sensors to cope with high ambient temperatures. Display brightness up to 2500 cd/m² for high ambient lighting conditions. Display polariser compatible with polarised sunglasses for improved visibility of content.

High brightness

High-brightness, street-facing digital displays command attention in any lighting condition, boosting shop 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.

Specifications

Picture/Display

Diagonal screen size (metric): 138.7 cm
Diagonal screen size (inch): 54.6 inch
Aspect ratio: 16:9
Panel resolution: 1920 x 1080p
Pixel pitch: 0.63 x 0.63 mm
Optimum resolution: 1920 x 1080 @ 60 Hz
Brightness: 2500 cd/m²
Display colours: 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: 3.5 mm jack
Video input: Display Port 1.2 (x 1), DVI-I (x 1), HDMI 2.0 (x 2)
Audio input: 3.5 mm jack
Other connections: OPS, USB 2.0 (x 2)
Video output: DisplayPort 1.2 (x 1), HDMI 2.0 (x 1)
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 Loop through
Ease of installation: Carrying Handles, Smart Insert
Energy-saving functions: Smart Power
Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10 W RMS

Power

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

Supported Display Resolution

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

Dimensions

Smart Insert mount: 100 mm x 100 mm pitch, 6 x M4L6
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)
Warning: Do not operate in direct sunlight without additional protective measures.

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) (x 1), Philips logo (x 1), Quick start guide (x 1), Remote control and AAA batteries, USB Cover and screw x 1, Wire Clamper (x 3), 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

