



Philips
H-Line Display

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

Versatile system solution

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

Superb picture. Ultra-high brightness.

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

PHILIPS

Specifications

Picture/Display

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

Supported Display Resolution

Computer formats

| Resolution | Refresh rate |
|-------------|--------------|
| 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

| Resolution | Refresh rate |
|------------|--------------|
| 720p | 50, 60Hz |
| 1080i | 25, 30Hz |
| 1080p | 50, 60Hz |

Connectivity

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

Convenience

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

Operating conditions

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

Power

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

Sound

- Built-in speakers: 2 x 10W RMS

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
- Regulatory approvals: CE, FCC, Class A, UL/cUL, CB
- Warranty: 3 year warranty

Multimedia Applications

- USB Playback Video: AVI, MP4, MPEG, MPG, TS, VOB, MPEG4
- USB Playback Picture: BMP, JPEG, JPG, PNG

Dimensions

- Smart Insert mount: 100mm x 100mm pitch, 6xM4L6
- Set dimensions (W x H x D): 1248.6 x 719.4 x 85 mm
- Set dimensions in inch (W x H x D): 49.16 x 28.32 x 3.35 inch
- Bezel width: 17.5 mm (even bezel)
- Wall Mount: 400 x 400 mm, M6
- Smart insert height: 100 mm
- Product weight: 30.37 kg
- Product weight (lb): 66.95 lb

Highlights

CMND & Create

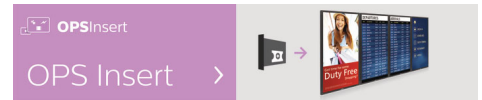


Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

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.



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