Philips
H-Line Display

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

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

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Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- 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 colours: 1.07 B
- Contrast ratio (typical): 4000:1

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
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

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

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

Convenience
- Placement: Landscape (24/7), Portrait (24/7)
- Screen-saving functions: Pixel Shift, Low Brightness
- 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
- 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: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz

Sound
- Built-in speakers: 2 x 10 W RMS

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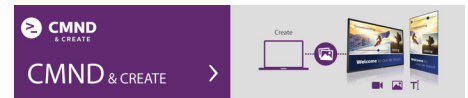- Warranty: 3 year warranty

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

Dimensions
- Smart Insert mount: 100 mm x 100 mm pitch, 6 x M4L6
- 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
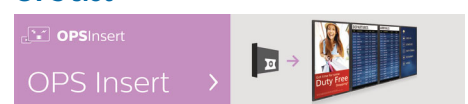
Highlights

CMND 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 Crystals panels and built-in thermal sensors to cope with high ambient temperatures (sunlight or other) up to 2500 cd/m². Display polariser compatible with polarised sunglasses for sunlight readability.

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.

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