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

# 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, Hight Tni Liquid Crystal panels and built-in thermal sensors to cope with high ambient temperatures. Display brightness up to 2500cd/m² for high ambient lighting conditions. Display polarizer compatible with polarized sunglasses for improved visibility of content.

### 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.

# 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 Loopthrough
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)
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) (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

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* For installations that may be exposed to direct sunlight, it is recommended to consult the User Manual and the warning leaflet.