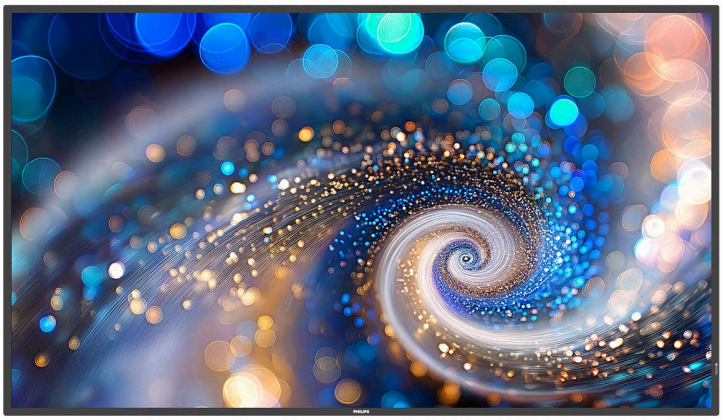
PHILIPS



Philips Signage 2000 Series

Signage Solutions

55"

Powered by Android 14

400 cd/m²

55BDL2050A/00

Philips Signage 2000 Series

Elemental by design – digital display simplicity

The Philips Signage 2000 Series brings signage right back to basics – your elemental yet stylish, 16/7 display for simple integrations that don't need bells and whistles. Powered by Android 14, UHD and with 400 nits brightness.

Android powered for hassle free integration

- Android 14 professional System on Chip.
- 3GB RAM and 16GB storage.

Modular design – versatile features

- Optional wireless screen sharing with Philips ScreenShare.
- FailOver basics. Greater assurance for always on content.
- Add WiFi and Bluetooth with optional CRD22 module.
- Philips Wave ready for remote device management.

Elemental design, great visual performance

- Even bezel design.
- Install in portrait or landscape orientations.
- 16/7 – working your content when you need it.
- 400 cd/m2 brightness.

Highlights

16/7 operation
With 400 cd/m2 brightness, the UHD Philips Signage 2000 Series is designed to be used 16/7 – ideal for dawn to dusk businesses ready to make an impression.

Powered by Android 14
Powered by Android 14, your Philips Signage 2000 Series display is designed on a professional platform with trusted connectivity and security built in. Optimised for native Android apps and enabling you to install web apps and software directly onto the display, eliminating the need for an external media player.

Modularity built in
Extend your display into the future with our modular approach. Bringing opportunities to add WiFi and Bluetooth with the optional CRD22 module, as well as Philips ScreenShare, plus a firm focus on reuse and recyclability, as well as sustainability, with reduced WEEE disposal.

FailOver basics
FailOver basics via 5V hotplug detection. Critical for demanding commercial applications, FailOver via 5V hotplug allows you to set up a secondary content source that will automatically play in the unlikely event of the primary media feed failure.

Philips Wave ready
Unlock the power, versatility and intelligence inside your Philips Signage 2000 Series displays remotely with Wave. This evolutionary cloud platform puts you fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy, and environmental impact.

Specifications

Picture/Display
Diagonal screen size (metric): 138.7 cm
Diagonal screen size (inch): 54.6 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.315 x 0.315 mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Brightness: 400 cd/m²
Display colors: 1.07 Billion
Contrast ratio (typical): 1200:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 8 ms
Viewing angle (horizontal): 178 degree
Viewing angle (vertical): 178 degree
Picture enhancement: 3/2 - 2/2 motion pull down, Dynamic contrast enhancement, Progressive scan, Motion adaptive de-interlacing
Panel technology: ADS
Operating system: Android 14
Haze: 1%

Connectivity
Video input: HDMI 2.0 (x2), USB-C (x1) with 4.5W PD
Other connections: USB 3.0 (x2)
Video output: N/A
External control: RJ45, IR (in/out) 3.5 mm jack
Line out: 3.5mm jack (fixed audio level)

Convenience
Placement: Landscape (16/7), Portrait (16/7)
Tiled Matrix: Up to 3 x 3
Keyboard control: Lockable, Hidden
Remote control signal: Lockable
Signal loop through: IR Loopthrough
Energy saving functions: ECO mode
Network controllable: RJ45
HDMI ARC: supported on HDMI 1

Power
Mains power: 100 ~ 240 VAC
Consumption (Typical): 111 W
Standby power consumption: <0.5 W
Energy Label Class: G

Supported Display Resolution
Computer formats: 1920 x 1080, 60Hz, 1600 x 1200, 60Hz, 1440 x 900, 60Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1280 x 800, 60Hz, 1024 x 768, 60, 70, 75Hz, 1680 x 1050, 60Hz, 3840 x 2160, 60Hz
Video formats: 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50,60 Hz, 2160p, 50, 60Hz

Dimensions
Set Width: 1241.8 mm
Product weight: 17.2 kg
Set Height: 712.6 mm
Set Depth: 63.6 mm
Set Width (inch): 48.89 inch
Set Height (inch): 28.06 inch
Wall Mount: 400 mm x 400 mm, M6
Set Depth (inch): 2.50 inch
Bezel width: 13.9 mm (Even bezel)
Product weight (lb): 37.92 lb

Operating conditions
Altitude: 0 ~ 3000 m
Temperature range (operation): 5 ~ 40 °C
MTBF: 30,000 hour(s)
Temperature range (storage): -20 ~ 60 °C
Humidity range (operation)[RH]: 10 ~ 90% RH (No condensation)

Multimedia Applications
USB Playback Video: MPEG, H.264, H.263, H.265, AVI, MP4, VP8, VP9, MPEG4, WEBM
USB Playback Picture: JPEG, BMP, PNG
USB Playback Audio: AAC, HEAAC, MPEG

Internal Player
CPU: Quad core Cortex A73
GPU: ARM Mali G52 MC1
Memory: 3GB RAM
Storage: 16GB

Accessories
Included accessories: Power cable 1.8M, Remote Control, External IR cable, AC Switch Cover, Logo Badge, USB Cover and screw
Optional accessories: CRD22 Wifi & Bluetooth module, CRD73 Philips ScreenShare license

Miscellaneous
On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese, Arabic, Japanese, Danish, Swedish, Finnish, Norwegian, Dutch
Warranty: 3 year warranty
Regulatory approvals: CE, CB, RoHS

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