



Philips Signage 2000 Series

Signage Solutions

43"

Powered by Android 14

400 cd/m²



43BDL2050A/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.

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.

Modular design – versatile features

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

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

Supported Display Resolution

Computer formats: 1024 x 768, 60, 70, 75Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1280 x 800, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 60Hz

Video formats: 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50, 60Hz, 2160p, 30, 60Hz

Operating conditions

Altitude: 0 ~ 3000 m

Humidity range (operation)[RH]: 10 ~ 90% RH (No condensation)

MTBF: 30,000 hour(s)

Temperature range (operation): 5 ~ 40 °C

Temperature range (storage): -20 ~ 60 °C

Internal Player

CPU: Quad core Cortex A73

GPU: ARM Mali G52 MC1

Memory: 3GB RAM

Storage: 32GB

Miscellaneous

On-Screen Display Languages: English, French, German, Italian, Polish, Russian, Spanish, Turkish, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Swedish, Finnish, Norwegian, Dutch

Warranty: 3 year warranty

Regulatory approvals: CE, CB, RoHS

Multimedia Applications

USB Playback Video: H.264, MPEG, H.263, H.265, AVI, MP4, VP8, VP9, MPEG4, WEBM

USB Playback Audio: AAC, HEAAC, MPEG

USB Playback Picture: BMP, JPEG, PNG

Picture/Display

Aspect ratio: 16:9

Brightness: 400 cd/m²

Contrast ratio (typical): 1200:1

Diagonal screen size (inch): 42.5 inch

Diagonal screen size (metric): 108 cm

Display colours: 1.07 Billion

Operating system: Android 14

Optimum resolution: 3840 x 2160 @ 60 Hz

Dynamic contrast ratio: 500,000:1

Haze: 1%

Panel resolution: 3840 x 2160

Picture enhancement: 3/2 - 2/2 motion pull down, Dynamic contrast enhancement, Progressive scan, Motion compens. deinterlacing

Pixel pitch: 0.2451 x 0.2451 mm

Response time (typical): 8 ms

Viewing angle (horizontal): 178 degree

Viewing angle (vertical): 178 degree

Panel technology: ADS

Connectivity

External control: RJ45, IR (in/out) 3.5 mm jack

Line out: 3.5mm jack (fixed audio level)

Other connections: USB 3.0 (x2)

Video input: HDMI 2.0 (x2), USB-C (x1) with 4.5W PD

Video output: N/A

Convenience

Energy-saving functions: ECO mode

Network controllable: RJ45

Keyboard control: Lockable, Hidden

Placement: Landscape (16/7), Portrait (16/7)

Signal loop through: IR Loophthrough

Remote control signal: Lockable

Tiled Matrix: Up to 3 x 3

Power

Energy Label Class: G

Consumption (Typical): 84 W

Mains power: 100 - 240V~, 50/60Hz

Standby power consumption: <0.5 W

Dimensions

Bezel width: 13.9 mm (Even bezel)

Product weight: 11.2

Set Depth: 63.5 mm mm

Product weight (lb): 24.69

Set Depth (inch): 2.50 inch

Set Height: 561.2

Set Width: 973.0

Set Height (inch): 22.09 inch

Set Width (inch): 38.31

Wall Mount: 200 mm x 200 mm, M6

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

