



Signage 6000 Series

Signage Solutions

50"

24/7

800 cd/m²



50BDL6017P

Philips Signage 6000 Series

Powerful performance for more demanding settings

Outperform in challenging environments with the robust 24/7 Philips Signage 6000 Series. With enhanced brightness up to 800 nits and an option to add Philips Wave remote management, ideal for kitchens through to transport hubs, and beyond.

Secure control wherever, whenever

- With the option to add Philips Wave remote device management

Ready for the rigours of challenging environments

- With robust metal casing, conformal coating, IP5X protection

Option to add CRD52 module

- Bringing a better connected display with Android 14

24/7 operation

- Working your content around the clock

Enhanced display brightness

- 800 cd/m² – better visibility in brighter light conditions

Highlights

Mount it your way

Install in portrait or landscape orientations, with size variants including 43", 50", 55" and 65" to suit a range of installation purposes.

Robust casing with conformal coating and IP5X

Standing up to the rigours of challenging environments, this ultimately professional display is made with metal casing, and is protected with conformal coating and IP5X ingress protection. Designed to be robust for use in areas including busy food and beverage settings, bustling transport hubs, and more.

24/7 operation

With 800 cd/m2 brightness for better visibility under bright ambient light conditions, the Philips Signage 6000 Series is designed to be used 24/7, making it a great selection for travel and transportation hubs, retail centres, food and beverage locations, and more.

Control ready with Philips Wave

Via our uniquely designed chipset, control elements of your display remotely with Philips Wave – designed to support time, energy, and cost efficiencies. This special version of Wave allows you to securely access, manage, and limit

the settings of the display to control volume, brightness, standby and power, without the need for an Android SoC.

Add CRD52 for easy access to Android 14

With the option to add the CRD52 Android OPS player, you will benefit from 8GB RAM and 64GB storage, Android 14, UHD output on Displayport, RJ45, USB3, and Micro USB. Allowing you to add your chosen applications and solutions, Philips Wave remote display management, and more.



Specifications

Picture/Display

Diagonal screen size (metric): 125.7 cm
 Diagonal screen size (inch): 49.5 inch
 Aspect ratio: 16:9
 Panel resolution: 3840 x 2160
 Pixel pitch: 0.2854 x 0.2854 mm
 Optimum resolution: 3840 x 2160 @ 60Hz
 Brightness: 800 cd/m²
 Display colors: 1.07 billion
 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
 Panel technology: VA
 Haze: 25 %

Connectivity

Audio output: 3.5mm jack
 Video input: Display Port 1.2 (x1), DVI-I (x 1),
 HDMI 2.0 (x3)
 Audio input: 3.5 mm jack
 Other connections: USB 2.0 (x2), OPS, Thermal sensor
 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, Ambient Light Sensor

Convenience

Placement: Landscape (24/7), Portrait (24/7)
 Tiled Matrix: Up to 15 x 15
 Screen saving functions: Pixel Shift, Low Bright
 Signal loop through: DisplayPort, RS232, HDMI,
 IR Loophthrough
 Ease of installation: Carrying Handles,
 Conformal Coating, Edge Alignment Kit
 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): 104 W
 Consumption (Max): 171 W
 Standby power consumption: <0.5 W
 Energy Label Class: G

Supported Display Resolution

Computer formats: 640 x 480, 60, 67, 72, 75Hz,
 720 x 400, 70Hz, 800 x 600, 56, 60, 72, 75Hz,
 1024 x 768, 60, 70, 75Hz, 1152 x 864, 75Hz, 1152
 x 870, 75Hz, 1280 x 720, 60Hz, 1280 x 800, 60Hz,
 1280 x 1024, 60Hz, 1440 x 900, 60Hz, 1600 x
 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080,
 60Hz
 Video formats: 480p, 60Hz, 576p, 50Hz, 720p,
 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840
 x 2160, 30Hz, 3840 x 2160, 60Hz

Dimensions

Set Width: 1128.4 mm
 Product weight: 17.45 kg
 Set Height: 649 mm
 Set Depth: 76.80 mm (at handle), 64.0 (at wall
 mount) mm
 Set Width (inch): 44.43 inch
 Set Height (inch): 25.55 inch
 Wall Mount: 400 x 400 mm, M6
 Set Depth (inch): 3.02 inch (at handle), 2.52 (at
 wall mount) inch
 Bezel width: 14.90 mm (Even bezel)
 Product weight (lb): 38.47 lb

Operating conditions

Altitude: 0 ~ 5000 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)
 Ingress protection: IP5X

Multimedia Applications

USB Playback Video: H.264, H.265, Motion JPEG,
 MPEG1/2, WMV3
 USB Playback Picture: BMP, JPEG, PNG
 USB Playback Audio: AAC, MPEG, HEAAC

Accessories

Included Accessories: AC Switch Cover, Philips
 logo (x1), Power cable (x3), Quick start guide
 (x1), Remote control & AAA batteries, RS232
 cable (3 m) (x1), RS232 daisy chain cable (x1), USB
 Cover (x1), Edge Alignment Kit (x2)
 Stand: BM05922(optional)

Miscellaneous

On-Screen Display Languages: Arabic, Dutch,
 Danish, English, French, Finnish, German, Italian,
 Japanese, Norwegian, Polish, Portuguese,
 Russian, Spanish, Swedish, Simplified Chinese,
 Turkish, Traditional Chinese
 Warranty: 3 year warranty
 Regulatory approvals: CE, FCC, Class A, CB, BSMI,
 EAC, EMF, VCCI, PSB, ETL, EPA

