PHILIPS

Signage 6000 Series

Signage Solutions

55"

24/7

800 cd/m²

55BDL6017P

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.

4K
Ultra HD

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 @ 60Hz
Brightness: 800 cd/m²
Display colors: 1.07 billion
Contrast ratio (typical): 5000:1
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 Port1.2 (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 Loopthrough
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): 142 W
Consumption (Max): 204 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: 1241.80 mm
Product weight: 20.50 kg
Set Height: 712.60 mm
Set Depth: 76.80 mm (at handle),64.0 (at wall mount) mm
Set Width (inch): 48.89 inch
Set Height (inch): 28.06 inch
Wall Mount: 400 x 400 mm, M6
Set Depth (inch): 3.02 inch (at handle), 2.52 (at wall mount) inch
Bezel width: 13.9mm (Even bezel)
Product weight (lb): 45.149 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, EnergyStar 8.0, ETL, EPA

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