

PHILIPS



D-Line Display

Signage Solutions

50"

UHD (3840x2160)

500cd/m²



50BDL4512D/00

Philips Signage 4512D

Designed for standout. Smart, fast, 24/7.

Couple superb picture quality with simple yet optimised content connections and power saving features all built in – the Philips Signage 4512D is your 24/7 full HD signage display that goes the extra mile.

Brilliant picture. Blazing processor speed

- Ultra HD. Clear images. Crisp contrast
- 24/7 – working your content around the clock.
- VA panel display

Smart efficiency, built in

- Economy mode energy saving backlight control.
- FailOver helps ensure content is always playing.

Effortless setup. Total control.

- Install in landscape or portrait orientation.

Specifications

Picture/Display

Diagonal screen size (metric): 125.7 cm

Diagonal screen size (inch): 50 inch

Aspect ratio: 16:9

Panel resolution: 3840 x 2160

Pixel pitch: 0.2854 x 0.2854 mm

Optimum resolution: 3840x2160 @ 60Hz

Brightness: 500 cd/m²

Display colors: 16.7 million

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%

Brightness (maximum): 500 cd/m²

Connectivity

Audio output: 3.5mm jack

Video input: Display Port1.2 (x1), USB-C (no PD),

HDMI 2.0 (x2), USB 3.0 (x2)

Video output: HDMI 2.0 (x1)

External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Convenience

Placement: Landscape (24/7), Portrait (24/7)

Screen saving functions: Pixel Shift, Low Bright

Keyboard control: Hidden, Lockable

Signal loop through: RS232, IR Loopthrough, HDMI

Energy saving functions: ECO mode

Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz

Standby power consumption: 0.5 W

Supported Display Resolution

Computer formats: 1920 x 1080, 60Hz, 1024 x 768, 60Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1440 x 900, 60 Hz, 1600 x 900, 60Hz, 1680 x 1050, 60Hz, 640 x 480, 60Hz, 800 x 600, 60Hz

Video formats: 1080i, 50, 60Hz, 576i, 50Hz, 576p, 50Hz, 480p, 60Hz, 480i, 60Hz, 1080p, 50, 60Hz, 720p, 50,60 Hz

Dimensions

Set Width: 1128.4 mm

Product weight: 14.75 kg

Set Height: 649.0 mm

Set Depth: 63.5 mm mm

Set Width (inch): 44.43 inch

Set Height (inch): 25.55 inch

Wall Mount: 400 (H) x 400(V) mm, M6

Set Depth (inch): 2.56 inch (@Wall mount) / 2.72 (@AC) inch

Bezel width: 14.9 mm (Even bezel)

Product weight (lb): 32.52 lb

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)

Multimedia Applications

USB Playback Video: MPEG, H.263, H.264, H.265

USB Playback Picture: BMP, JPEG, PNG

USB Playback Audio: AAC, HEAAC, MPEG

Accessories

Included Accessories: Philips logo (x1), AC power cord, AC Switch Cover, Quick start guide (x1), Remote control & AAA batteries, RS232 cable

Stand: BM05911 (Optional)

Miscellaneous

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

Warranty: 3 year warranty

Regulatory approvals: CE, FCC, Class A, CCC, RoHS, CB, BSMI, EMF, VCCI, PSB, ETL, CECP, EAC

Highlights

24/7 operation

The Philips Signage 4512D 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.

Eco mode

With a built in economy mode, the Philips Signage 4512D can automatically control brightness levels depending on the content being displayed, enabling significant power savings for your business.

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.

Easy connections

USB-C provides future proof video input, simplifying connectivity today while ensuring compatibility with tomorrow's devices.

