PHILIPS

D-Line Display

Signage Solutions

86"

UHD (3840 x 2160)

500cd/m²

86BDL4511D

Say more

Smart, fast 24/7 display.

Make it stand out with a fast Philips D-Line Professional 4K UHD display. Philips superb picture quality ensures true colors and intense contrast. You can effortlessly display content from multiple sources on a single screen.

Brilliant picture. Blazing processor speed.
- IPS panel: rich color consistency from every angle
- Place in landscape or portrait orientation
- 4K UHD. Rich, deep images. Stunning contrast

Operational flexibility
- Optional OPS Slot
- SmartPower for energy saving

Cost-effective system solution
- Energy-saving automatic backlight control
- FailOver ensures content is always playing

Effortless setup. Total control.
- Operate, monitor and maintain with CMND & Control
- Schedule what you want, when you want with SmartPlayer

Highlights

4K UHD. Rich, deep images

4K UHD. Rich, deep images. Stunning contrast

CMND & Control

Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

Energy-saving

Energy-saving automatic backlight control

FailOver

From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically

between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

IPS panel rich color

IPS panel: rich color consistency from every angle

Optional OPS Slot

Open Pluggable Specification is an industry standard slot in to which you can add an OPS-compatible media player. This gives you the ability to upgrade or change your hardware whenever you need. Turning your display in to an all-in-one digital signage solution has become simplicity personified.

SmartPower

The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

Place in landscape

Place in landscape or portrait orientation

SmartPlayer

Turn your USB into a true cost effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display.Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

Signage Solutions

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Specifications

Picture/Display

Diagonal screen size (metric): 217.4 cm
Diagonal screen size (inch): 85.6 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.4935 x 0.4935 mm
Optimum resolution: 3840 x 2160 @60Hz
Brightness: 500 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
Panel technology: IPS
Haze: 25%

Connectivity

Audio output: 3.5mm jack
Video input: Display Port1.2 (x1), DVI-I (x 1), HDMI 2.0 (x3), USB 2.0 (x2)
Audio input: 3.5 mm jack
Other connections: OPS
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

Convenience

Placement: Landscape (24/7), Portrait (24/7)
Screen saving functions: Pixel Shift, Low Bright
Keyboard control: Hidden, Lockable
Signal loop through: DisplayPort, RS232, HDMI, IR Loopthrough
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): 355 W
Consumption (Max): 560 W
Standby power consumption: <0.5 W
Energy Label Class: G

Supported Display Resolution

Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1280 x 720, 60Hz, 1280 x 1024, 60Hz, 1440 x 900, 60 Hz, 1600 x 900, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 30, 60Hz
Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50,60 Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 2160p, 24, 30, 60Hz

Dimensions

Set Width: 1929.0 mm
Product weight: 50.24 kg
Set Height: 1100.0 mm
Set Depth: 69.5(D@Wall mount) /91.8(D@Handle) mm
Set Width (inch): 75.94 inch
Set Height (inch): 43.31 inch
Wall Mount: 600(H)x400(V) mm, M8
Set Depth (inch): 2.74(D@Wall mount) / 3.61(D@Handle) inch
Bezel width: 15.5 mm (Even bezel)
Product weight (lb): 110.67 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: H.263, H.264, H.265, MPEG
USB Playback Picture: BMP, JPEG, PNG
USB Playback Audio: AAC, MPEG, HEAAC

Accessories

Included Accessories: AC Switch Cover, IR sensor cable (1.8 m) (x1), Philips logo (x1), Quick start guide (x1), Remote control & AAA batteries, RS232 daisy-chain cable, USB Cover and screw x1, Wire Clamper (x3), AC power cord, RS232 cable

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, CCC, RoHS, CB, BSMI, CECP, EAC, EMF, VCCI, PSB, ETL

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