

PHILIPS



D-Line Display

Signage Solutions

86"

UHD (3840 x 2160)

500cd/m²



86BDL4510D

Say more

Smart, fast 24/7 display.

Make it stand out with a fast D-Line professional 4K UHD display. Philips' superb picture quality ensures true colours 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

- 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

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.

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.

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.

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 G 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
 Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan
 Panel technology: IPS

Connectivity

Audio output: 3.5mm jack
 Video input: HDMI 2.0 (x3), Display Port 1.2 (x1), DVI-I (x 1), 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: 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: IR Loophthrough,

DisplayPort, HDMI, RS232
 Energy saving functions: Smart Power
 Network controllable: RJ45, RS232

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
 Consumption (Typical): 290 W
 Consumption (Max): 520 W
 Standby power consumption: <0.5 W
 Energy Label Class: G

Supported Display Resolution

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

Dimensions

Set Width: 1929.0 mm
 Product weight: 50.2 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: MPEG, H.263, H.264, H.265, VP8
 USB Playback Picture: BMP, JPEG, PNG
 USB Playback Audio: AAC, HEAAC, MPEG

Accessories

Included accessories: Quick start guide, RS232 cable, AC Power Cord, IR sensor cable (1.8M), Remote Control & AAA Batteries
 Included Accessories: RS232 daisy-chain cable, AC Switch Cover, Philips logo (x1), Screws, USB Cover (x1)

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, RoHS, BSMI, CB, CCC, CU, EMF, EnergyStar 8.0, ETL, FCC, Class A, PSB, VCCI

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