



Philips Signage Solutions
D-Line Display

86"

UHD (3840 x 2160)
500 cd/m²

SignageSolutions



86BDL4510D

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 colours and intense contrast. You can effortlessly display content from multiple sources on a single screen.

Brilliant picture. Blazing processor speed.

- Place in landscape or portrait orientation
- 4K UHD. Rich, deep images. Stunning contrast
- IPS panel: rich colour consistency from every angle

Operational flexibility

- SmartPower for energy saving

Effortless setup. Total control.

- Schedule what you want, when you want with SmartPlayer
- Operate, monitor and maintain with CMND and Control

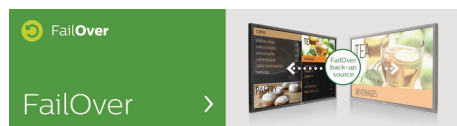
Cost-effective system solution

- FailOver ensures that content is always playing
- Energy-saving automatic backlight control

PHILIPS

Highlights

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 that content keeps playing even if the primary source goes down. Simply set a list of alternative 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.

CMND and Control



Run your display network over a local (LAN) connection. CMND and Control allows you to

perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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 playlists anytime, anywhere.

Specifications

Picture/Display

- Diagonal screen size: 85.6 inch / 217.4 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.4935 x 0.4935 mm
- Display colours: 1.07 G Billion
- Viewing Angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Comfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan
- Panel technology: IPS

Connectivity

- Video input: Display Port 1.2 (x 1), DVI-I (x 1), HDMI 2.0 (x 3), USB 2.0 (x 2)
- Video output: DisplayPort 1.2 (x 1), HDMI 2.0 (x 1)
- Audio input: 3.5 mm jack
- Audio output: 3.5 mm jack
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack
- Other connections: OPS

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
1920 x 1080	60 Hz
1280 x 1024	60 Hz
1024 x 768	60 Hz
1280 x 720	60 Hz
1440 x 900	60 Hz
1600 x 900	60 Hz
1680 x 1050	60 Hz
3840 x 2160	30, 60 Hz
640 x 480	60 Hz
800 x 600	60 Hz

• Video formats

Resolution	Refresh rate
1080p	50, 60 Hz
1080i	50, 60 Hz
2160p	24, 30, 60 Hz
480i	60 Hz
480p	60 Hz

576i	50 Hz
576p	50 Hz
720p	50, 60 Hz

Dimensions

- Set dimensions (W x H x D):
1929.0 x 1100.0 x 69.5 (D@Wall mount)/
91.8 (D@Handle) mm
- Set dimensions in inch (W x H x D):
75.94 x 43.31 x 2.74 (D@Wall mount)/
3.61 (D@Handle) inch
- Bezel width: 15.5 mm (Even bezel)
- Product weight (lb): TBD lb
- Product weight: TBD kg
- VESA Mount: 600(H)x400(V) mm, M8

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Keyboard control: Hidden, Lockable
- Signal loop through: IR Loop through, DisplayPort, HDMI, RS232
- Network controllable: RJ45, RS232
- Energy-saving functions: Smart Power
- Screen-saving functions: Pixel Shift, Low Bright

Power

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

Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)
- Humidity range (operation)[RH]: 20–80% RH (No condensation)
- Humidity range (storage) [RH]: 5–95% RH (No condensation)

Sound

- Built-in speakers: 2 x 10 W RMS

Accessories

- Included accessories: Quick start guide, RS232 cable, AC Power Cord, IR sensor cable (1.8 M), Remote Control and AAA Batteries
- Included Accessories: RS232 daisy-chain cable,

Philips logo (x 1), Screws, USB Cover (x 1), AC Switch Cover

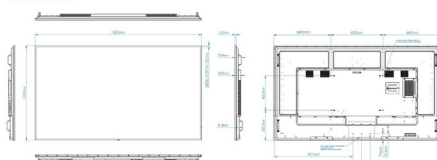
Multimedia Applications

- USB Playback Audio: AAC, HEAAC, MPEG
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Video: MPEG, H.263, H.264, H.265, VP8

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
- Regulatory approvals: CE, RoHS, BSMI, CB, CCC, CU, EMF, EnergyStar 8.0, ETL, FCC, Class A, PSB, VCCI
- Warranty: 3 year warranty

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Release Date: 20200908



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