

PHILIPS



D-Line Display

Signage Solutions

98"

UHD (3840 x 2160)

500cd/m²



98BDL4510D

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

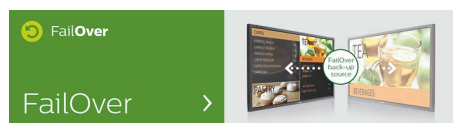
Highlights

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.

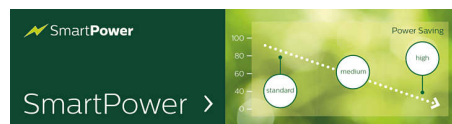
FailOver



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.

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.

Specifications

Picture/Display

Diagonal screen size (metric): 247.7 cm

Diagonal screen size (inch): 97.5 inch

Aspect ratio: 16:9

Panel resolution: 3840 x 2160

Pixel pitch: 0.5622 x 0.5622 mm

Optimum resolution: 3840 x 2160 @60Hz

Brightness: 500 cd/m²

Display colors: 1.07 Billion

Contrast ratio (typical): 1300:1

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): 380 W

Consumption (Max): 650 W

Standby power consumption: <0.5 W

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: 2193.2 mm

Product weight: 90.5 kg

Set Height: 1248.2 mm

Set Depth: 87.9 (@Wall mount)/ 97.9 (@Handle) mm

Set Width (inch): 86.35 inch

Set Height (inch): 49.14 inch

Wall Mount: 800(H)X400(V) mm, M8

Set Depth (inch): 3.46 inch(wall mount)/3.85 (@Handle) inch

Bezel width: 16.0 mm (Even bezel)

Product weight (lb): 199.52 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, TS, 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

