

PHILIPS



D-Line Display

Signage Solutions

50"

4K UHD

500 cd/m²



50BDL4511D

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

Operational flexibility

- Optional OPS Slot
- SmartPower for energy saving

Cost-effective system solution

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

Effortless setup. Total control.

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

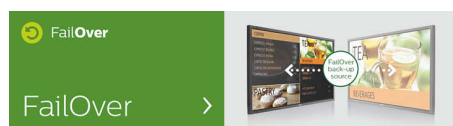
Highlights

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.

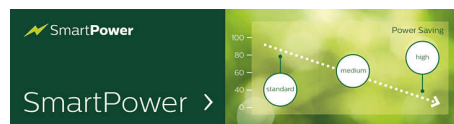
FailOver



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

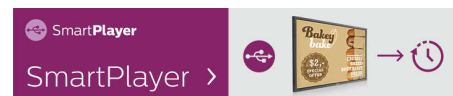
between primary and secondary inputs, ensuring that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.

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.

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 (metric): 125.7 cm
Diagonal screen size (inch): 49.5 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.2854 x 0.2854 mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Brightness: 500 cd/m²
Display colours: 1.07 Billion
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%

Connectivity

Audio output: 3.5 mm jack
Video input: Display Port 1.2 (x 1), DVI-I (x 1),
HDMI 2.0 (x 2), USB 2.0 (x 2)
Audio input: 3.5 mm jack
Other connections: OPS
Video output: DisplayPort 1.2 (x 1), HDMI 2.0
(x 1)
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 Loop through
Energy-saving functions: Smart Power
Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10 W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 91 W
Consumption (Max): 190 W
Standby power consumption: 0.5 W
Energy Label Class: G

Supported Display Resolution

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

Dimensions

Set Width: 1128.4 mm
Product weight: 14.75 kg
Set Height: 649.0 mm
Set Depth: 63.5 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): 2.50 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: 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, Philips
logo (x 1), RS232 daisy-chain cable, AC power
cord, IR sensor cable (1.8 m) (x 1), Quick start
guide (x 1), Remote control and AAA batteries,
RS232 cable, USB Cover and screw x 1, Wire
Clamper (x 3)
Stand: BM05922 (Optional)

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, EMF, VCCI, PSB, EnergyStar 8.0,
ETL, CEC, EAC

