



Philips Signage Solutions
P-Line Display

50"
UHD Panel
750 cd/m²

SignageSolutions



50BDL3117P

Power and flexibility

Brighter content with 24/7 performance.

Made for 24/7 operation, the robust Philips P-Line digital signage display stands the test of time. Clear UHD picture quality and high brightness make it perfect for demanding environments such as retail, transportation, and food and drink.

Effortless setup. Total control.

- Operate, monitor and maintain with CMND and Control

Brilliant picture. Strong build.

- D-image: clinically accurate imaging
- Robust metal housing

Robust system solution

- Energy-saving automatic backlight control
- FailOver ensures that content is always playing
- Sophistication and intelligence with SDM-L

PHILIPS

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.

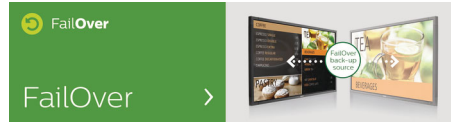
D-image



This Philips Professional Display is factory-calibrated to meet clinical compliance

standards for greyscale performance. The optimal image achieved by the display can be used to review medical images in consultation rooms or lecture theatres.

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.

SDM-L ready

An integrated Intel Smart Display Module Large adds scalable sophistication to your display, enabling quick and cost-effective upgrades when you need to add new features and functionality. Its thin design provides the same level of intelligence and interoperability as OPS, whilst keeping the display as sleek as possible.

Specifications

Picture/Display

- Diagonal screen size: 49.5 inch / 125.7 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 750 cd/m²
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.2854 x 0.2854 mm
- Display colours: 1.07 billion
- Panel technology: VA
- Contrast ratio (typical): 4000:1
- Haze: 25%

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75 Hz
720 x 400	70 Hz
800 x 600	56, 60, 72, 75 Hz
1024 x 768	60, 70, 75 Hz
1152 x 864	75 Hz
1152 x 870	75 Hz
1280 x 720	60 Hz
1280 x 800	60 Hz
1280 x 1024	60 Hz
1440 x 900	60 Hz
1600 x 1200	60 Hz
1680 x 1050	60 Hz
1920 x 1080	60 Hz

Video formats

Resolution	Refresh rate
480p	60 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	50, 60 Hz
3840 x 2160	30Hz
3840 x 2160	60 Hz

Connectivity

- Video input: Display Port1.2 (x 1), DVI-I (x 1), USB 2.0 (x 1), HDMI 2.0 (x 3)
- Audio input: 3.5 mm jack
- Video output: DisplayPort 1.2 (x 1), HDMI 2.0 (x 1)
- Audio output: 3.5 mm jack
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack, Ambient Light Sensor
- Other connections: Micro SD (x 1), SDM-L, Thermal sensor

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 15 x 15
- Screen-saving functions: Pixel Shift, Low Bright
- Signal loop through: DisplayPort, RS232, HDMI, IR Loop through

- Ease of installation: Carrying Handles
- Energy-saving functions: Smart Power
- Network controllable: RS232, RJ45
- Keyboard control: Hidden, Lockable

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)

Power

- Consumption (Typical): 110 W
- Consumption (Max): 260 W
- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Energy Label Class: G

Sound

- Built-in speakers: 2 x 10 W RMS

Accessories

- Stand: BM05922(optional)
- Included Accessories: AC Switch Cover, Philips logo (x 1), Power cable (x 3), Quick start guide (x 1), Remote control and AAA batteries, RS232 cable (3 m) (x 1), RS232 daisy chain cable (x 1), USB Cover (x 1), Wire Clamper (x 3), Edge Alignment Kit (x 2)

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
- Regulatory approvals: CE, FCC, Class A, CB, BSMI, EAC, EMF, VCCI, PSB, ETL, EPA
- Warranty: 3 year warranty

Multimedia Applications

- USB Playback Video: H.264, Motion JPEG, MPEG1/2, WMV3
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Audio: AAC, MPEG, HEAAC

Dimensions

- Set dimensions (W x H x D): 1128.4 x 649 x 76.80 mm
- Set dimensions in inch (W x H x D): 44.43 x 25.55 x 3.02 inch
- Bezel width: 14.90 mm (Even bezel)
- Wall Mount: 400 x 400 mm, M6
- Product weight: 17.3 kg
- Product weight (lb): 38.14 lb



Issue date 2022-07-20

Version: 4.0.1

12 NC: 8670 001 78323
EAN: 87 12581 77872 9

© 2022 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com