



Philips Signage Solutions
P-Line Display

50"
UHD Panel
750cd/m²



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 & beverage.

Robust system solution

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

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control

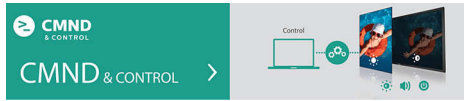
Brilliant picture. Strong build.

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

PHILIPS

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.

D-image



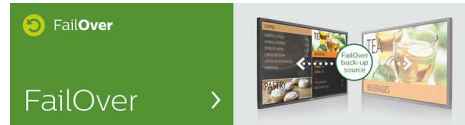
This Philips Professional Display is designed to meet clinical compliance standards for greyscale

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

Energy-saving

Energy-saving automatic backlight control

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.

Robust metal housing

Robust metal housing

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

Connectivity

- Audio output: 3.5mm jack
- Video input: Display Port 1.2 (x1), DVI-I (x 1), USB 2.0 (x1), HDMI 2.0 (x3)
- Audio input: 3.5 mm jack
- Other connections: Micro SD (x1), SDM-L, Thermal sensor
- Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack, Ambient Light Sensor

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 @ 60Hz
- Brightness: 750 cd/m²
- Display colors: 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 %

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 15 x 15
- Screen saving functions: Pixel Shift, Low Bright
- Keyboard control: Hidden, Lockable
- Signal loop through: DisplayPort, RS232, HDMI, IR Loopthrough
- Ease of installation: Carrying Handles
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45

Sound

- Built-in speakers: 2 x 10W RMS

Power

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

Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60, 70, 75Hz, 1152 x 864, 75Hz, 1152 x 870, 75Hz,

- 1280 x 720, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz
- Video formats: 480p, 60Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30Hz, 3840 x 2160, 60Hz

Dimensions

- Set Width: 1128.4 mm
- Product weight: 17.3 kg
- Set Height: 649 mm
- Set Depth: 76.80 mm
- Set Width (inch): 44.43 inch
- Set Height (inch): 25.55 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 3.02 inch
- Bezel width: 14.90 mm (Even bezel)
- Product weight (lb): 38.14 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.264, Motion JPEG, MPEG1/2, WMV3
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Audio: AAC, MPEG, HEAAC

Accessories

- Included Accessories: AC Switch Cover, Philips logo (x1), Power cable (x3), Quick start guide (x1), Remote control & AAA batteries, RS232 cable (3 m) (x1), RS232 daisy chain cable (x1), USB Cover (x1), Wire Clamper (x3), Edge Alignment Kit (x2)
- 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, CB, BSMI, EAC, EMF, VCCI, PSB, ETL, EPA



Issue date 2024-03-25

Version: 4.0.1

EAN: 87 12581 77872 9

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