



Philips Signage Solutions  
P-Line Display

50"  
UHD Panel  
750 cd/m<sup>2</sup>



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.

### Robust system solution

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

### Effortless setup. Total control.

- Operate, monitor and maintain with CMND and Control

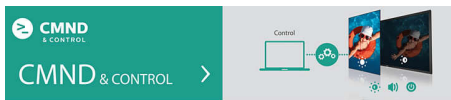
### Brilliant picture. Strong build.

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

**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



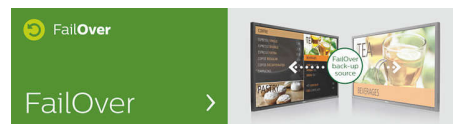
This Philips Professional Display is designed to meet clinical compliance standards for

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 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.

## 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: 3.5 mm jack
- Video input: DisplayPort 1.2 (x 1), DVI-I (x 1), USB 2.0 (x 1), HDMI 2.0 (x 3)
- Audio input: 3.5 mm jack
- Other connections: Micro SD (x 1), SDM-L, Thermal sensor
- 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, 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 @ 60 Hz
- Brightness: 750 cd/m<sup>2</sup>
- 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%

## 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 Loop through
- Ease of installation: Carrying Handles
- 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): 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, 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: 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

## 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 (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)
- 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



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