



Philips Signage Solutions  
P-Line Display

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

**SignageSolutions**



50BDL3017P

## 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.

### Brilliant picture. Strong build.

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

### Effortless setup. Total control.

- Operate, monitor and maintain with CMND and Control

### Robust system solution

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

**PHILIPS**

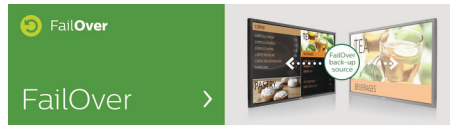
# Highlights

## 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.

## 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.

## 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/m<sup>2</sup>
- Contrast ratio (typical): 4000:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.2854 x 0.2854 mm
- Display colours: 1.07 billion
- Viewing Angle (H / V): 178 / 178 degree
- Haze: 25%
- Panel technology: VA

## Connectivity

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

## Supported Display Resolution

### Computer formats

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

### Video formats

| Resolution  | Refresh rate |
|-------------|--------------|
| 1080p       | 50, 60 Hz    |
| 720p        | 50, 60 Hz    |
| 1080i       | 50, 60 Hz    |
| 3840 x 2160 | 30Hz         |
| 3840 x 2160 | 60 Hz        |

|      |       |
|------|-------|
| 480p | 60 Hz |
| 576p | 50 Hz |

## Dimensions

- Set dimensions (W x H x D): 1128.44 x 649.01 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)
- Product weight (lb): 38.14 lb
- Product weight: 17.3 kg
- Wall Mount: 400 x 400 mm, M6

## Convenience

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

## Power

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

## 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)

## Sound

- Built-in speakers: 2 x 10 W RMS

## Accessories

- Included Accessories: AC Switch Cover, Edge Alignment Kit (1) - 1 pcs, Edge Alignment Kit (2) - 2 pcs, IR sensor cable (1.8 m) (x 1), 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)
- Stand: BM05922(optional)

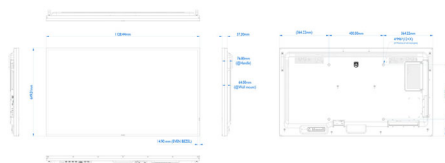
## Multimedia Applications

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

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

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