

Philips Signage Solutions
P-Line Display

50"
UHD Panel
750cd/m²

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 & beverage.

Robust system solution

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

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control

Brilliant picture. Strong build.

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

PHILIPS

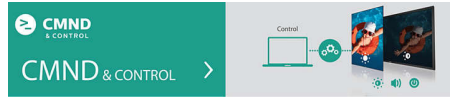
Highlights

D-image



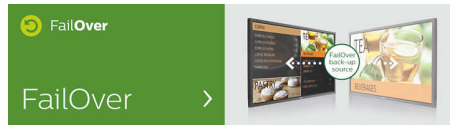
This Philips Professional Display is designed to meet clinical compliance standards for greyscale performance. The optimal image achieved by the display can be used to review medical images in consultation rooms or lecture theatres.

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.

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.

Energy-saving

Energy-saving automatic backlight control

Robust metal housing

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Specifications

Connectivity

- Audio output: 3.5mm jack
- Video input: DisplayPort 1.2 (x1), DVI-I (x1), HDMI 2.0 (x2), USB 2.0 (x1)
- Audio input: 3.5 mm jack
- Other connections: Micro SD (x1), SDM-L
- Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

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 @ 30Hz
- 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: IR Loophrough, DisplayPort, RS232, HDMI
- Ease of installation: Carrying Handles
- Energy saving functions: Smart Power
- Network controllable: RJ45, RS232

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: 1280 x 1024, 60Hz, 1280 x 800, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 720 x 400, 70Hz, 1024 x 768, 60, 70, 75Hz, 1152 x 864, 75Hz, 1152 x 870, 75Hz, 1280 x 720, 60Hz,

- 1440 x 900, 60Hz, 1680 x 1050, 60Hz, 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz
- Video formats: 1080p, 50, 60Hz, 480p, 60Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 3840 x 2160, 30Hz, 3840 x 2160, 60Hz

Dimensions

- Set Width: 1128.44 mm
- Product weight: 17.3 kg
- Set Height: 649.01 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, HEAAC, MPEG

Accessories

- Included Accessories: Philips logo (x1), AC Switch Cover, Edge Alignment Kit (1) -1 pcs, Edge Alignment Kit (2) - 2 pcs, IR sensor cable (1.8 m) (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)
- Stand: BM05922(optional)

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



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