PHILIPS

P-Line Display

Signage Solutions

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

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.

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.

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.

Smart Display Module READY

4K Ultra HD

FailOver

Smart Display Module

Specifications

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 %

Connectivity
Audio output: 3.5mm jack
Video input: Display Port1.2 (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

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

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