Philips Signage Solutions P-Line Display

55"
UHD Panel
750cd/m²

*Signage*Solutions

55BDL3017P

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.

Brilliant picture. Strong build.
- Robust metal housing
- D-image:clinically accurate imaging

Effortless setup. Total control.
- Operate, monitor and maintain with CMND & Control

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

PHILIPS

Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 750 cd/m²
- Contrast ratio (typical): 5000:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.315 x 0.315 mm
- Display colors: 1.07 billion
- Viewing angle (H / V): 178 / 178 degree
- Haze: 25 %
- Panel technology: IPS

Connectivity
- Video input: Display Port1.2 (x1), HDMI 2.0 (x2), DVI-I (x 1), USB 2.0 (x1)
- Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- Other connections: SDM-L, Micro SD (x1)
- 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	60Hz
1920 x 1080	60Hz
1280 x 800	60Hz
1600 x 1200	60Hz
640 x 480	60, 67, 72, 75Hz
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
800 x 600	56, 60, 72, 75Hz

- Video formats

Resolution	Refresh rate
1080p	50, 60Hz
720p	50, 60Hz
1080i	50, 60Hz
3840 x 2160	30Hz
3840 x 2160	60Hz
480p	60Hz
576p	50Hz

Dimensions
- Set dimensions (W x H x D): 1241.80 x 712.60 x 76.80 mm
- Set dimensions in inch (W x H x D): 48.89 x 28.06 x 3.02 inch
- Bezel width: 13.9mm (Even bezel)
- Product weight (lb): 45.64 lb
- Product weight: 20.7 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 Loopthrough, 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): 148 W
- Consumption (Max): 296 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

Philips 55BDL3017P/00
Version: 1.0
Release Date: 2021/03/18

Highlights

Display
(No condensation)
- Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

Sound
- Built-in speakers: 2 x 10W RMS

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

CMND & Control

Media Applications
- USB Playback Audio: AAC, HEAAC, MPEG
- USB Playback Picture: BMP, JPEG, PNG
- 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, EnergyStar 8.0, ETL, FCC, Class A
- Warranty: 3 year warranty

Clinical
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.

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.

FailOver ULTRA RESOLUTION intel Smart Display Module READY

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