



Philips Signage Solutions
P-Line Display

55"

UHD Panel
700cd/m²

55BDL3117P

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.

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control

Brilliant picture. Strong build.

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

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: 700 cd/m²
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.315 x 0.315 mm
- Display colors: 1.07 billion
- Panel technology: VA
- Contrast ratio (typical): 5000:1
- Haze: 25 %

Supported Display Resolution

Computer formats

Resolution	Refresh rate
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

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

Connectivity

- Video input: Display Port1.2 (x1), DVI-I (x 1), USB 2.0 (x1), HDMI 2.0 (x3)
- Audio input: 3.5 mm jack
- Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
- Audio output: 3.5mm jack
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack, Ambient Light Sensor
- Other connections: Micro SD (x1), SDM-L, Thermal sensor

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 15 x 15
- Screen saving functions: Pixel Shift, Low Bright
- Signal loop through: DisplayPort, RS232, HDMI, IR Loophthrough

- Ease of installation: Carrying Handles
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- Keyboard control: Hidden, Lockable

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)

Power

- Consumption (Typical): 150 W
- Consumption (Max): 300 W
- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Energy Label Class: G

Sound

- Built-in speakers: 2 x 10W RMS

Accessories

- Stand: BM05922(optional)
- 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)

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
- Regulatory approvals: CE, FCC, Class A, CB, BSMI, EAC, EMF, VCCI, PSB, EnergyStar 8.0, ETL, EPA
- Warranty: 3 year warranty

Multimedia Applications

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

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)
- VESA Mount: 400 x 400 mm, M6
- Product weight: 20.66 kg
- Product weight (lb): 45.55 lb



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