



Philips Signage Solutions  
P-Line Display

55"  
UHD Panel  
750 cd/m<sup>2</sup>



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 and drink.

### Robust system solution

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

### Effortless setup. Total control.

- Operate, monitor and maintain with CMND and 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 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.

## 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.

## Energy saving

Energy-saving automatic backlight control

## Robust metal housing

Robust metal housing

## 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

## Connectivity

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

## Picture/Display

- Diagonal screen size (metric): 138.7 cm
- Diagonal screen size (inch): 54.6 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.315 x 0.315 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 750 cd/m<sup>2</sup>
- Display colours: 1.07 billion
- Contrast ratio (typical): 5000:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Panel technology: IPS
- 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 Loop through, DisplayPort, RS232, HDMI
- Ease of installation: Carrying Handles
- Energy-saving functions: Smart Power
- Network controllable: RJ45, RS232

## Sound

- Built-in speakers: 2 x 10 W RMS

## Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 148 W
- Consumption (Max): 296 W
- Standby power consumption: <math>\leq 0.5\text{ W}</math>
- Energy Label Class: G

## Supported Display Resolution

- Computer formats: 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: 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 Width: 1241.80 mm
- Product weight: 20.7 kg
- Set Height: 712.60 mm
- Set Depth: 76.80 mm
- Set Width (inch): 48.89 inch
- Set Height (inch): 28.06 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 3.02 inch
- Bezel width: 13.9 mm (Even bezel)
- Product weight (lb): 45.64 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: 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)

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



Issue date 2024-04-24

Version: 6.0.1

EAN: 87 12581 77441 7

© 2024 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

[www.philips.com](http://www.philips.com)