# 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

P-Line Display
65" UHD Panel, 750cd/m²

# Specifications

## Picture/Display
- Diagonal screen size: 65 inch / 164 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 750 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: 0.372 x 0.372 mm
- Display colors: 1.07 billion
- Panel technology: ADS
- Contrast ratio (typical): 1200:1
- 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 Loopthrough
- Ease of installation: Carrying Handles, Smart Insert
- 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): 155 W
- Consumption (Max): 330 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
- 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)

## 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
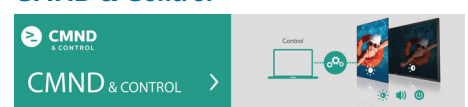- Warranty: 3 year warranty

## 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): 1462.3 x 837.3 x 89.9 mm
- Set dimensions in inch (W x H x D): 57.71 x 32.96 x 3.54 inch
- Bezel width: 14.90 mm (Even bezel)
- Wall Mount: 400 x 400 mm, M8
- Product weight: 27.8 kg
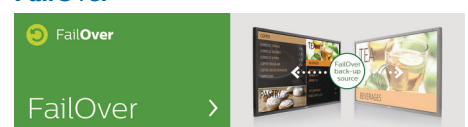- Product weight (lb): 61.3 lb

# 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.

www.philips.com