

# PHILIPS



Q-Line Display

Signage Solutions

86"

Direct LED Backlight

Ultra HD



86BDL3511Q

## Stand out

Easy-setup 18/7 display.

Inform and enthrall with a Philips Q-Line Professional Ultra HD Display. This reliable solution can be up and running as quickly as you need.

### **Cost-effective system solution**

- Energy-saving automatic backlight control
- Integrated media player. Easily schedule USB content
- FailOver ensures content is always playing
- Easy control. Remotely manage networked displays

### **Effortless setup. Total control.**

- Operate, monitor and maintain with CMND & Control
- OPS slot allows for PC embedding without cabling
- Schedule what you want, when you want with SmartPlayer

### **Superb picture. Ultra-high brightness.**

- Ultra-HD. Rich images. Stunning contrast

## 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.

### FailOver

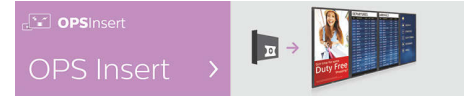


From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

### Integrated media player

Easily schedule content to play from USB. Your Philips Professional Display will wake from standby to play the content you want, and then return to standby once playback is done.

### OPS slot



Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 217.4 cm  
**Diagonal screen size (inch):** 85.6 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 3840 x 2160  
**Pixel pitch:** 0.4935 x 0.4935 mm  
**Optimum resolution:** 3840 x 2160 @ 60 Hz  
**Brightness:** 400 cd/m<sup>2</sup>  
**Display colors:** 1.07 Billion  
**Contrast ratio (typical):** 1200:1  
**Dynamic contrast ratio:** 500,000:1  
**Response time (typical):** 8 ms  
**Viewing angle (horizontal):** 178 degree  
**Viewing angle (vertical):** 178 degree  
**Panel technology:** IPS  
**Clinical image:** D-Image preset (dicom part 14 compatible)  
**Haze:** 25%

## Connectivity

**Audio output:** 3.5mm jack  
**Video input:** DVI-I (x 1), HDMI 2.0 (x3), USB 2.0 (x2)  
**Audio input:** 3.5 mm jack  
**Other connections:** OPS  
**External control:** IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

## Convenience

**Placement:** Landscape (18/7), Portrait (18/7)  
**Tiled Matrix:** Up to 10 x 15  
**Keyboard control:** Hidden, Lockable  
**Remote control signal:** Lockable  
**Signal loop through:** RS232, IR Loophthrough  
**Ease of installation:** Smart Insert  
**Energy saving functions:** Smart Power  
**Network controllable:** RS232, RJ45  
**Start-up:** Switch on delay, Switch on status, Boot on source  
**Start-up window:** enable / disable Philips logo

## Sound

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

## Power

**Mains power:** 100 - 240V~, 50/60Hz  
**Consumption (Typical):** 360 W  
**Consumption (Max):** 500 W  
**Standby power consumption:** <0.5W  
**Power Saving Features:** Smart Power  
**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, 832 x 624, 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:** 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30Hz, 3840 x 2160, 60Hz

## Dimensions

**Set Width:** 1929.0 mm  
**Product weight:** 49.5 kg  
**Set Height:** 1100.0 mm  
**Set Depth:** 69.5mm(D@wall mount) / 91.8mm(D@handle) mm  
**Set Width (inch):** 75.94 inch  
**Set Height (inch):** 43.31 inch  
**Wall Mount:** 600 x 400 mm, M8  
**Set Depth (inch):** 2.74(@ wall mount) / 3.61(@ handle) inch  
**Bezel width:** 15.5 mm (Even bezel)  
**Product weight (lb):** 109.13 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, JPEG, MPEG, WMV3  
**USB Playback Picture:** BMP, JPEG, PNG  
**USB Playback Audio:** AAC, WMA, MPEG, HEAAC

## Accessories

**Included Accessories:** IR sensor cable (1.8 m) (x1), Philips logo (x1), AC power cord, AC Switch Cover, Quick start guide (x1), Remote control & AAA batteries, RS232 daisy chain cable (x1), USB Cover and screw x1, Wire Clamper (x3)

