



Philips Signage Solutions  
Q-Line Display

86"

Direct LED Backlight  
Ultra HD



86BDL3510Q

## 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-with no additional hardware.

### 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

# PHILIPS

# 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.

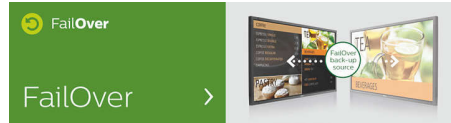
## Integrated media player

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.

## Energy-saving

Energy-saving automatic backlight control

## FailOver

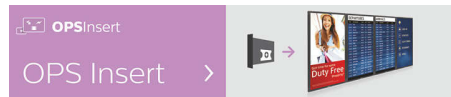


From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is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

## Easy control

Easy control. Remotely manage networked displays

## 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.

## Ultra-HD Resolution

Ultra-HD. Rich images. Stunning contrast

## SmartPlayer



Turn your USB into a true cost effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display. Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

# Specifications

## 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: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45

## 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
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Panel technology: IPS
- Clinical image: D-Image preset (dicom part 14 compatible)

## Convenience

- Placement: Landscape (18/7), Portrait (18/7)
- Tiled Matrix: Up to 15 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): 297 W
- Consumption (Max): 520 W
- Standby power consumption: <math>0.5W</math>
- Power Saving Features: Smart Power
- Energy Label Class: G

## Supported Display Resolution

- Computer formats: 1920 x 1080, 60Hz, 1680 x

- 1050, 60Hz, 1600 x 1200, 60Hz, 1440 x 900, 60Hz, 1280 x 1024, 60Hz, 1280 x 800, 60Hz, 1280 x 720, 60Hz, 1152 x 870, 75Hz, 1024 x 768, 60, 70, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 720 x 400, 70Hz, 640 x 480, 60, 67, 72, 75Hz, 1152 x 864, 75Hz, 832 x 624, 75Hz
- Video formats: 3840 x 2160, 60Hz, 3840 x 2160, 30Hz, 720p, 60Hz, 576p, 50Hz, 576i, 50Hz, 480p, 60Hz, 480i, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 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: MPEG, H.264, JPEG, WMV3
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Audio: AAC, WMA, HEAAC, MPEG

## Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide
- Included Accessories: IR sensor cable (1.8 m) (x1), RS232 daisy-chain cable, HDMI cable (1.8 m) (x1), M3 screw (X1), Philips logo (x1), USB Cover (x1)

## Miscellaneous

- On-Screen Display Languages: Simplified Chinese, Traditional Chinese, English, French, German, Italian, Polish, Russian, Spanish, Turkish, Japanese, Arabic
- Warranty: 3 year warranty
- Regulatory approvals: CE, CB, BSMI, CU, EPA, ETL, FCC, Class A, VCCI



Issue date 2024-03-23

Version: 1.0.1

EAN: 87 12581 76530 9

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