

PHILIPS



Q-Line Display

Signage Solutions

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.

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.

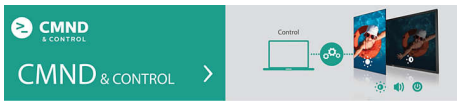
- Operate, monitor and maintain with CMND & Control
- OPS slot allows for PC embedding without cabling
- Schedule what you want, when you want with SmartPlayer

Superb picture. Ultra-high brightness.

- Ultra-HD. Rich images. Stunning contrast

Highlights

CMND & Control

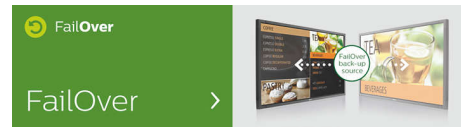


Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

Integrated media player

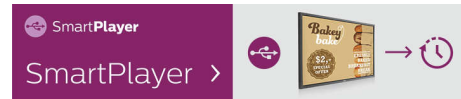
Easily schedule content to play from USB. Your Philips Professional Display will wake from standby to play the content you want, and then return to standby once playback is done.

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.

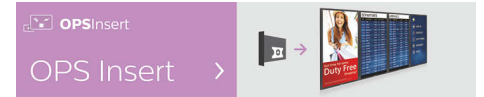
SmartPlayer



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.

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/m²
 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)

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

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: <0.5W
 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

Philips 86BDL3510Q
 Version: 4.0
 Release Date: 2025/12/18

