



Philips Signage Solutions
Q-Line Display

86"

4K UHD (3840 x 2160)
Ultra HD

SignageSolutions

86BDL3050Q

Show more

Simple, smart, sharp 18/7 display.

Turn up the stopping power with the Q-Line UHD Android display that goes big on resolution. Benefit from fast, hardware-free installation and superb picture quality. Easily display online and local content.

Superb picture. Smooth performance

- 4K UHD. Rich images. Stunning contrast
- IPS panel: rich colour consistency from every angle
- Android SoC processor. Native and web apps

Effortless setup. Total control.

- CMND: Drag-and-drop system management
- CMND & Deploy. Install and launch apps remotely
- CMND and Control. Operate, update, maintain
- CMND and Create. Develop and launch your own content

Cost-effective system solution

- Energy-saving automatic backlight control
- QuadViewer. Play four source signals on one screen.
- Integrated media player. Easily schedule USB content
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play

PHILIPS

Highlights

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised for native Android apps and you can install web apps directly to the display too. A built-in scheduler makes it easy to launch apps and content based on time of day.

CMND general

Take control of your Philips Professional Display network. CMND lets you manage, update, maintain and play via one easy-to-use interface. From installation to daily operation.

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.

CMND and Create

Take control of your content with CMND and Create. A drag-and-drop interface makes it simple to publish your own content, whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure that your stills, text and video will be up and running in no time.

CMND & Deploy

Quickly install and launch any app - even when you're off site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store and click on the app you want to install. The app will be automatically downloaded and launched.

Internal memory

Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload media into the display for instant playback. The internal memory also functions as a cache for online streaming.

Specifications

Picture/Display

- Diagonal screen size: 85.6 inch / 217.4 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 410 cd/m²
- Contrast ratio (typical): 1200:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.4935 x 0.4935 mm
- Display colours: 1.07 Billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Colour Enhancement, Colour Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
- Operating system: Android 5.1
- Panel technology: IPS

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
720 x 400	70 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz
1920 x 1080	60 Hz
1024 x 768	60, 75 Hz
1600 x 1200	60 Hz
640 x 480	60, 72, 75 Hz
800 x 600	60, 75 Hz

• Video formats

Resolution	Refresh rate
480i	30, 60 Hz
576i	25, 50 Hz
720p	50, 60 Hz
1080p	50, 60 Hz
1080i	25, 30 Hz
2160p	30, 50, 60 Hz
480p	30, 60 Hz
576p	25, 50 Hz

Connectivity

- Video input: VGA (Analogue D-Sub), DisplayPort (1.2), HDMI (x4), USB 2.0 (Type A) (x2)
- Audio input: 3.5-mm jack
- Audio output: Audio Left/Right (RCA)

- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45
- Other connections: OPS, AC-out, Analogue (D-sub input), Analogue audio Left/Right out, Display Port, HDMI, IR out, micro SD, PC Audio in, RS232 Serial, USB 2.0, USB power outlet (5 V, 2 amp)

Convenience

- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Lockable
- Network controllability: LAN (RJ45), RS232, Card OPS RS232, HDMI (One Wire)
- Signal Loop Through: RS232, IR Loop through
- Ease of installation: Smart Insert, AC Out, Carrying Handles
- Energy-saving functions: Smart Power
- Placement: Landscape
- Remote control signal: Lockable
- Tiled Matrix: Up to 10 x 15
- Memory: 8 GB eMMC

Dimensions

- Bezel width: 15.15 (Top/Left/Right) 16.0 (Bottom) mm
- Set dimensions (W x H x D): 1927.9 x 1098.9 x 85.9 mm
- Set dimensions in inch (W x H x D): 75.90 x 43.26 x 2.06 inch
- Product weight: 63.8 kg
- Product weight (lb): 140.65 lb
- VESA Mount: 600 x 400 mm, M8

Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80 (operation), 10 - 90% (storage) %
- MTBF: 50,000 hour(s)

Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 302 W
- Standby power consumption: <0.5 W
- Power Saving Features: Smart Power

Sound

- Built-in speakers: 2 x 10 W RMS

Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8 M)
- Optional accessories: Tabletop stand
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x 1

Multimedia Applications

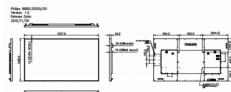
- USB Playback Video: MKV, MP4, MPEG, MPG, TS, VOB, WMV, ASF, AVI, DAT, FLV, MOV, TRP, WEBM
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Audio: AAC, M4A, MP3, WMA

Miscellaneous

- Warranty: 3-year warranty
- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Polish, Russian, Spanish, Turkish, Japanese, Czech, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, UL/cUL, CB, FCC, Class B, BSMI, CCC, EAC, EMF, EnergyStar 7.0, PSB

Internal Player

- Storage: 8 GB eMMC
- CPU: Quad Core Full HD
- Memory: 2 GB DDR3



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