

Philips Signage Solutions  
Q-Line Display

86"

3840 x 2160 (4K UHD)  
Ultra HD

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**

- Ultra-HD. Rich images. Stunning contrast
- Android SoC processor. Native and web apps

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

- Operate, monitor and maintain with CMND & Control
- CMND & Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely
- Remote system management through CMND

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

- Energy-saving automatic backlight control
- Integrated media player. Easily schedule USB content
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play

# PHILIPS

Q-Line Display  
86" 3840 x 2160 (4K UHD), Ultra HD

86BDL3050Q/00

# Highlights

## Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

## CMND

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 & 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.

## CMND & Create



Take control of your content with CMND & 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 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 is 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.

## Energy-saving

Energy-saving automatic backlight control

## Integrated HTML5 browser



Integrated HTML5 browser. Play and control online content

## 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.

## Ultra-HD Resolution

Ultra-HD. Rich images. Stunning contrast



# Specifications

## Connectivity

- Audio output: Audio Left/Right (RCA)
- Video input: VGA (Analog D-Sub), DisplayPort (1.2), HDMI (x4), USB 2.0 (x2)
- Audio input: 3.5 mm jack
- Other connections: OPS, AC-out, Analog (D-sub input), Analog 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)
- 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: 410 cd/m<sup>2</sup>
- Display colors: 1.07 Billion
- Contrast ratio (typical): 1200:1
- 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, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Color Enhancement, Color Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
- Panel technology: IPS
- Operating system: Android 5.0.1

## Convenience

- Placement: Landscape (18/7)
- Tiled Matrix: Up to 10 x 15
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Lockable
- Remote control signal: Lockable
- Signal loop through: RS232, IR Loopthrough
- Ease of installation: Smart Insert, AC Out, Carrying Handles
- Energy saving functions: Smart Power
- Network controllable: LAN (RJ45), RS232, Card OPS RS232, HDMI (One Wire)
- Memory: 8GB eMMC

## Sound

- Built-in speakers: 2 x 10W RMS

## Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 302 W
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power
- Energy Label Class: G
- Consumption at 350 nits: 265W

## Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz, 1024 x 768, 60, 75Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 30, 60Hz
- Video formats: 480i, 30, 60Hz, 480p, 30, 60Hz, 576i, 25, 50Hz, 576p, 25, 50Hz, 720p, 50, 60Hz, 1080i, 25, 30Hz, 1080p, 50, 60Hz, 2160p, 30,50, 60Hz

## Dimensions

- Set Width: 1927.9 mm
- Product weight: 63.8 kg
- Set Height: 1098.9 mm
- Set Depth: 85.9 mm
- Set Width (inch): 75.90 inch
- Set Height (inch): 43.26 inch
- Wall Mount: 600 x 400 mm, M8
- Set Depth (inch): 2.06 inch
- Bezel width: 15.15 (Top/Left/Right) 16.0 (Bottom) mm
- Product weight (lb): 140.65 lb

## Operating conditions

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

## 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

## Internal Player

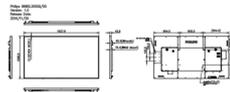
- CPU: Quad Core Full HD
- Memory: 2GB DDR3
- Storage: 8GB eMMC

## Accessories

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

## Miscellaneous

- 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
- Warranty: 3 year warranty
- Regulatory approvals: CE, UL/cUL, CB, FCC, Class B, BSMI, CCC, EAC, EMF, EnergyStar 7.0, PSB



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