



#### Q-Line Display

- 86"
- Direct LED Backlight
- Ultra HD

86BDL3650Q/00

## Stand out from the crowd

Your versatile and easy-to-set-up 18/7 display

Inform and enthrall with a Philips Q-Line 4K Ultra HD digital display. This reliable, easy-to-install, Android powered signage solution is Wave-ready for remote management, putting you in full control, any time, anywhere.

### Benefits

#### Effortless setup. Total control.

- Optional Interact for wireless screen share
- Catch the Wave for revolutionary results

#### Cost-effective system solution

- Easy control. Remotely manage networked displays
- Easily schedule content from USB or internal memory

#### Smart and powerful

- Connect and control your content via the cloud
- Android SoC processor. Native and web apps
- WiFi connection made easy with optional CRD22 module

#### Versatile system solution

- Ultra-HD. Rich images. Stunning contrast
- FailOver. Ensure your display never goes blank

### Features

#### SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Simply connect the

display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists.

# PHILIPS

## FailOver

Critical for demanding commercial applications, FailOver is a revolutionary technology that automatically plays back-up content on screen in the unlikely event of an input source or application failure. Simply select a primary input connection and a FailOver connection and you are ready for instant content protection.

## Integrated media player

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

## Interact (optional)

Wirelessly screen share using your existing Wi-Fi network to instantly and securely connect devices, or use our optional HDMI Interact dongle to cast directly onto the screen without connecting into the secured network.

## Specifications

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### Picture/Display

Diagonal screen size (inch)	85.6 inch
Diagonal screen size (metric)	217.4 cm
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60 Hz
Brightness	400 cd/m <sup>2</sup>
Contrast ratio (typical)	1200:1
Dynamic contrast ratio	500,000:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.4935 x 0.4935 mm
Display colors	1.07 Billion
Picture enhancement	3/2 - 2/2 motion pull down Progressive scan Dynamic contrast enhancement
Panel technology	IPS
Operating system	Android 10
Haze	25%

### 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 1024 x 768, 60, 70, 75Hz 1152 x 864, 75Hz 3840 x 2160, 60 Hz, 50 Hz 720 x 400, 70Hz 800 x 600, 56, 60, 72, 75Hz 800 x 600, 56,60,72 Hz 832 x 624, 75Hz
Video formats	1080i, 50, 60Hz 720p, 50,60 Hz 1080p, 50, 60Hz 2160p, 50, 60Hz

### Connectivity

Video input	USB 2.0 (x2) DVI-I (x 1) HDMI 2.0 (x2) USB 3.0 (x1)
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## Powered by Android 10

Powered by our Android 10 SoC platform, these hard-working Philips professional displays are optimised for native Android apps, and you can install web apps directly onto the display too. Flexible and secure, ensuring display specs stay up to the moment for longer.

## PPDS Wave

Unlock the power, versatility and intelligence inside your Philips Q-Line displays remotely with Wave. This evolutionary cloud platform puts you fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy and environmental impact.

Audio input	3.5 mm jack
Audio output	3.5mm jack
External control	RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack RJ45
Other connections	micro SD OPS

### Convenience

Keyboard control	Hidden Lockable
Network controllable	RS232 RJ45
Signal loop through	RS232 IR Loophthrough Smart Power
Energy saving functions	
Remote control signal	Lockable
Tiled Matrix Placement	Up to 3 x 3 Landscape (18/7) Portrait (18/7)
Ease of installation	Smart Insert

### Dimensions

Bezel width	15.5 mm (Even bezel)
Set Width	1929.0 mm
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
Set Depth (inch)	2.74(@ wall mount)/ 3.61(@ handle) inch
Product weight	49.06 kg
Product weight (lb)	108.16 lb
Wall Mount	600 mm x 400 mm, M8

### Operating conditions

Altitude	0 ~ 3000 m
Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
MTBF	50,000 hour(s)
Humidity range (operation)[RH]	20 ~ 80% RH (No condensation)
Humidity range (storage) [RH]	5 ~ 95% RH (No condensation)

### Power

Mains power	100 - 240V~, 50/60Hz
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Standby power consumption	<0.5W	USB Playback Audio	AAC HEAAC MPEG
Power Saving Features	Smart Power		
Consumption (Max)	540 W		
Consumption (Typical)	320 W		
Energy Label Class	G		
<b>Sound</b>			
Built-in speakers	2 x 10W RMS		
<b>Accessories</b>			
Included Accessories	IR sensor cable (1.8 m) (x1) RS232 daisy-chain cable Philips logo (x1) AC Power Cord AC Switch Cover Cable clip (x2) HDMI cable (1.8 m) (x1) Quick start guide Remote control & AAA batteries RS232 cable USB Cover (x1)		
<b>Multimedia Applications</b>			
USB Playback Video	H.264 H.263 H.265 MPEG1/2 MPEG4 VP8 VP9		
USB Playback Picture	BMP JPEG PNG		
		<b>Miscellaneous</b>	
		Warranty	3 year warranty
		On-Screen Display Languages	Simplified Chinese Traditional Chinese English French German Italian Polish Russian Spanish Turkish Japanese Arabic
		Regulatory approvals	CE CB FCC, Class A VCCI RoHS UL
		<b>Internal Player</b>	
		CPU	Quad Core Cortex A55
		GPU	G52 MC1
		Memory	16GB 3GB DDR



data subject to change  
2023, August 23

Version: 2.0.1  
EAN: 8712581799342

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