

Philips Signage Solutions  
Multi-Touch Display

84"

Edge LED Backlight  
Ultra HD

BDL8470QT



## Discover a new level of multi touch

with this UltraHD display

Get even closer to your audience than ever before. Fast, precise and extremely durable, its high performance is matched by excellent reliability and functionality.

### **Optimized for public viewing**

- 4K Ultra HD: resolution like you've never seen it before

### **Innovative solutions for any signage application**

- Connect and control your content via the cloud with HTML5
- Free and easy-to-use content management with SmartCMS
- Optional OPS Insert to create an all-in-one solution
- Play content from 4 separate inputs with QuadViewer

### **Care about you, your business and your audience**

- Keep your content up and running with FailOver

### **Supreme audience interaction**

- 10 points touch
- Optical IR Touch
- Compatible with all leading operating systems
- Experience amazing interactivity with true Multi-Touch

# PHILIPS

# Highlights

## 4K Ultra HD Resolution

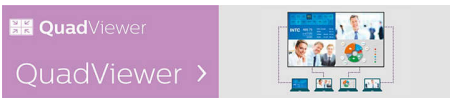
See your Signage Solutions like never before thanks to four times the resolution of a conventional Full HD display. 3840 x 2160 pixels provide an image so refined, so lifelike, it's a window to a new world.

## Plug & Play Multi-Touch



A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities to give you the ultimate in user interaction. The Multi-Touch displays are enabled with automatic touch recognition. The USB connector is HID compliant, providing true plug-and-play operation.

## QuadViewer



Be more flexible with your screen real estate. With the ability to play content from up to four separate inputs, all on one screen. QuadViewer is ideal for control rooms, corporate environments, and meeting rooms.

## OPS Insert



Turn your display into an all-in-one digital signage solution and create a display network which is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry standard slot into which you can add an OPS-standardized media player. This cable free solution gives you the ability to install, use or maintain your hardware whenever you need.

## 10 points touch

10 points touch

## Optical IR Touch

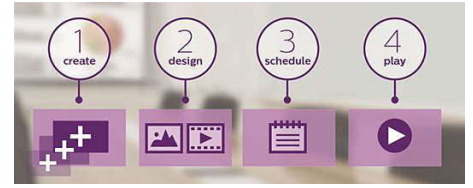
With an invisible infrared grid on the top of the screen, you can enjoy amazing accuracy and fast response times, even when touched by a finger, glove or stylus. And no "ghost points".

## SmartBrowser



Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect it with a display or with your complete network. Simply plug in a RJ45 internet cable for network connection, connect the display with the dedicated url-address and you are ready to play your cloud based content.

## SmartCMS



Free and easy-to-use content management system that works exclusively with Philips Signage Solutions displays to manage your digital signage content. With SmartCMS you can create and schedule your own content over 24 hours every day. Simply create your network, design your content, schedule your playlist and you are ready to play!

## FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

## Software compatibility

Our touch displays are software independent and supports Windows 8, Windows 7, Vista, XP, Mac OS and Linux.

# Specifications

## Connectivity

- Audio output: 3.5mm jack, External speaker connector
- Video input: VGA (Analog D-Sub), DisplayPort (1.2), DVI-D, HDMI (x3), Component (BNC), Composite (BNC)
- Audio input: 3.5 mm jack
- Other connections: USB, OPS
- Video output: DisplayPort
- External control: RJ45, RS232C (in/out) 2.5 mm jack

## Picture/Display

- Diagonal screen size (metric): 213.5 cm
- Diagonal screen size (inch): 84 inch
- Aspect ratio: 16:9
- Pixel pitch: 0.4845 x 0.4845 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 350 cd/m<sup>2</sup>
- Display colors: 1073 M
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
- Surface treatment: Anti-Glare coating
- Panel technology: IPS

## Convenience

- Placement: Landscape
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: RS232, DisplayPort
- Ease of installation: Smart Insert
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Network controllable: RS232, HDMI (One Wire), LAN (RJ45)

## Sound

- Built-in speakers: 2 x 10W RMS

## Power

- Mains power: 90 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 400 W
- Standby power consumption: <math>\leq 0.5\text{ W}</math>

## Dimensions

- Set Width: 1926.0 mm
- Product weight: 98.3 kg
- Set Height: 1112.0 mm
- Set Depth: 94.9 mm
- Wall Mount: 600 x 500 mm, M8
- Bezel width: 30.6mm
- Product weight (lb): 216 lb

## Operating conditions

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

## Accessories

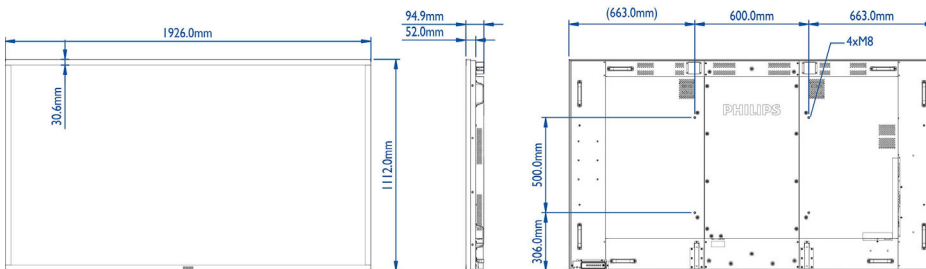
- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, User manual on CD-ROM, Quick start guide, HDMI cable, USB cable

## Miscellaneous

- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese, Arabic, Japanese
- Warranty: 3 year warranty
- Regulatory approvals: CE, CCC, RoHS, UL/cUL, C-Tick, GOST, FCC, Class A

## Interactivity

- Multi-touch technology: Infrared touch
- Touch points: 10 simultaneous touch points
- Plug and play: HID compliant



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