PHILIPS

Multi-Touch Display

Signage Solutions

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.

Optimised for public viewing
- 4K Ultra HD: resolution like you've never seen 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
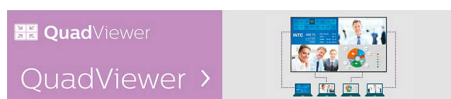
Highlights

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 and image so refined, so lifelike, it's a window to a new world.
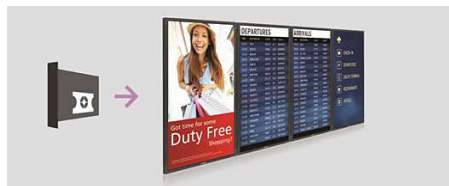
Plug-and-Play Multi-Touch

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 give you the ultimate in user interaction. Multi-Touch displays are equipped 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 that is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry-standard slot into which you can add an OPS-standardised media player. This cable-free solution gives you the ability to install, use or maintain your hardware whenever you need to.
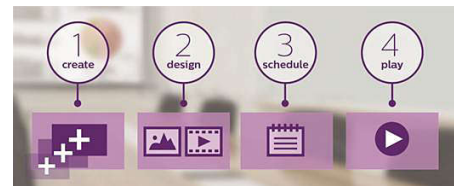
Optical IR Touch

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 entire network. Simply plug in a RJ45 Internet cable for network connection and 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 and 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 you're ready for instant protection.

Software compatibility

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

Specifications

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 @ 60 Hz

Brightness: 350 cd/m²

Display colours: 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

Connectivity

Audio output: 3.5 mm jack, External speaker connector

Video input: VGA (Analogue D-Sub), DisplayPort (1.2), DVI-D, HDMI (x 3), 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

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 10 W RMS

Power

Mains power: 90 ~ 240 VAC, 50 ~ 60 Hz

Consumption (Typical): 400 W

Standby power consumption: <0.5 W

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 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

Touchpoints: 10 simultaneous touch points

Plug and play: HID compliant