

Philips Signage Solutions
U-Line Display

84"

Edge LED Backlight
Ultra HD

BDL8470QU



Captivate your audience

With an ultra-large screen experience

Experience your content like never before thanks to four times the resolution of a conventional display. This ultra-large 84" display offers 3840 x 2160 pixels so refined, so lifelike, it's a window to a new world

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
- Schedule what you want, when you want with SmartPlayer
- Optional OPS Insert to create an all-in-one solution
- Play content from 4 separate inputs with QuadViewer

Maximising the impact of your message

- Manage and control your network remotely via SmartControl

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver

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.

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.

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.

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.

SmartPower



The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

SmartPlayer



Turn your USB into a true cost-effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display. Create your playlist and schedule your content via the on-screen menu, and enjoy your own playlists anytime, anywhere.

SmartControl



SmartControl lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily fine-tune all display settings including resolution, brightness, contrast and cloning of your settings over your complete network.

Specifications

Connectivity

- Audio output: 3.5 mm jack, External speaker connector
- Video input: VGA (Analogue D-Sub), DisplayPort (1.2), DVI-D, HDMI (x 3), Composite (BNC), Component (BNC)
- Audio input: 3.5 mm jack
- Other connections: USB, OPS
- Video output: DisplayPort
- External control: RS232C (in/out) 2.5 mm jack, RJ45

Picture/Display

- Diagonal screen size (metric): 213.5 cm
- Diagonal screen size (inch): 84 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- 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
- 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 10 W RMS

Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 400 W
- Standby power consumption: <math>< 0.5 \text{ W}</math>

Dimensions

- Set Width: 1910.0 mm
- Product weight: 70 kg
- Set Height: 1102.0 mm
- Set Depth: 77.80 mm
- Wall Mount: 600 x 500 mm, M8
- Bezel width: 22.60 (R/L), 25.60 (T/B) mm
- Product weight (lb): 154 lb

Operating conditions

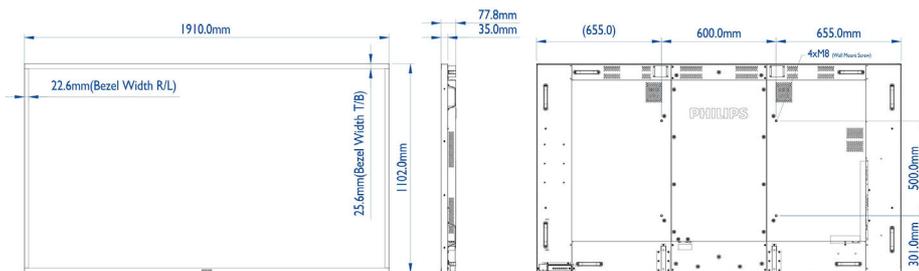
- Temperature range (operation): 5 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80 %
- Temperature range (storage): -20 ~ 60 °C

Accessories

- Included accessories: AC Power Cord, Batteries for remote control, Quick start guide, Remote Control, User manual on CD-ROM, RS232 cable, HDMI cable
- Optional accessories: HDBaseT OPS Receiver (CRD25), ColourCalibrationKit (CCK4602)

Miscellaneous

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



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