

Philips Signage Solutions
U-Line Display

98"

Direct LED Backlight
Ultra HD

BDL9870EU



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 98" display offers 3840 x 2160 pixels so refined, so lifelike, it's a window to a new world

Optimized for public viewing

- Portrait mode operability
- Designed for 24/7 operation
- 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
- 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

Maximizing 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.

Portrait mounting possible

This display is also able to be safely and reliably mounted in portrait position.

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.

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

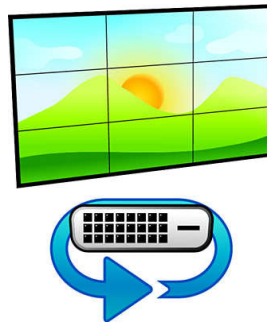
connection and your ready for instant protection.

SmartPower



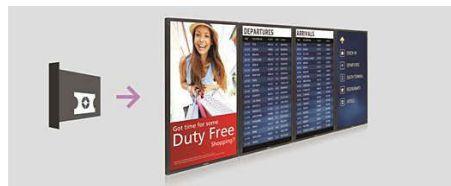
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

Designed for 24/7 operation



Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.

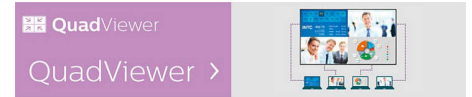
OPS Insert



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.

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.

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.

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 created playlists anytime, anywhere.

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
- Video output: DisplayPort
- External control: RS232C (in/out) 2.5 mm jack, RJ45

Picture/Display

- Diagonal screen size (metric): 247.7 cm
- Diagonal screen size (inch): 98 inch
- Aspect ratio: 16:9
- Pixel pitch: 0.5622 x 0.5622 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 500 cd/m²
- Display colors: 1073 M
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- 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, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
- Panel technology: IPS

Convenience

- Placement: Landscape, Portrait
- 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: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 500 W
- Standby power consumption: $\leq 0.5W$

Dimensions

- Smart Insert mount: 100 x 200 mm, M4
- Set Width: 2193.20 mm
- Product weight: 91.4 kg
- Set Height: 1248.20 mm
- Set Depth: 89.8 mm
- Wall Mount: 800 x 500 mm, M8
- Bezel width: 16.0 mm

Operating conditions

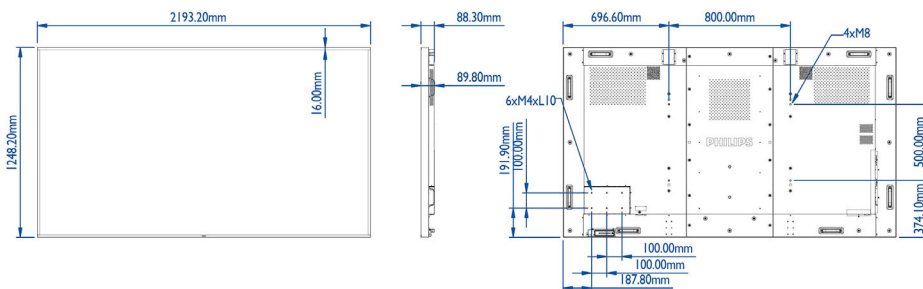
- Temperature range (operation): 5 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80 %
- Temperature range (storage): -20 ~ 60 °C

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: ColourCalibrationKit (CCK4602), Edge finishing kit, HDBaseT OPS Receiver (CRD25)

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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