PHILIPS

U-Line Display

Signage Solutions

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

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.

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.

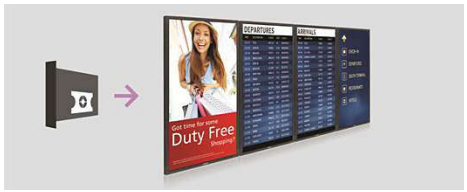
FailOver

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.

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.

ULTRA RESOLUTION

Portrait Mounting

SmartControl

FailOver

SmartPower

OPSInsert

QuadViewer

Specifications

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

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

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

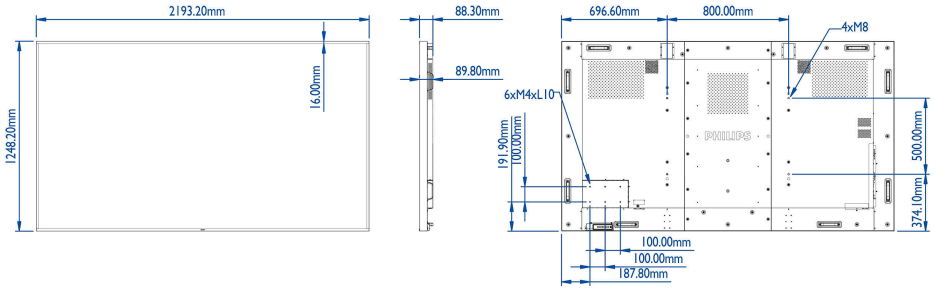
Power
Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 500 W
Standby power consumption: <0.5W

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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