Philips Signage Solutions
U-Line Display

98"
Direct LED Backlight
Ultra HD

SignageSolutions

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
- 4K Ultra HD: resolution like you've never seen it before
- Portrait mode operability
- Designed for 24/7 operation

Innovative solutions for any signage application
- Play content from 4 separate inputs with QuadViewer
- Optional OPS Insert to create an all-in-one solution
- Connect and control your content via the cloud with HTML5
- Schedule what you want, when you want with SmartPlayer

Maximizing the impact of your message
- Manage and control your network remotely via SmartControl

Care about you, your business and your audience
- Keep your content up and running with FailOver
- SmartPower for energy saving

SmartCollection

PHILIPS

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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.

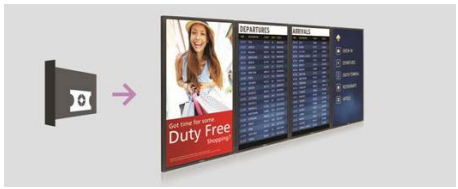
SmartControl
SmartControl lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily fine-tune all display settings including resolution, brightness, contrast and cloning of your settings over your complete network.

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.

SmartCollection

SmartCollection
SmartCollection offers you customizable solutions to meet your specific requirements.
Both integrators and solution providers are offered the latest innovations, while the audience can enjoy impactful solutions. When developing smart innovations we focus on Caring, Innovative and Impactful solutions.

ULTRA RESOLUTION SmartPower SmartControl OPSInsert HTML SmartPlayer

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Specifications

Picture/Display
- Diagonal screen size: 98 inch / 247.7 cm
- Panel technology: IPS
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.5622 x 0.5622 mm
- Display colors: 1073 M
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan

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

Dimensions
- Set dimensions (W x H x D): 2193.20 x 1248.20 x 89.8 mm
- Bezel width: 16.0 mm
- Product weight: 91.4 kg
- Wall Mount: 800 x 500 mm, M8
- Smart Insert mount: 100 x 200 mm, M4

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

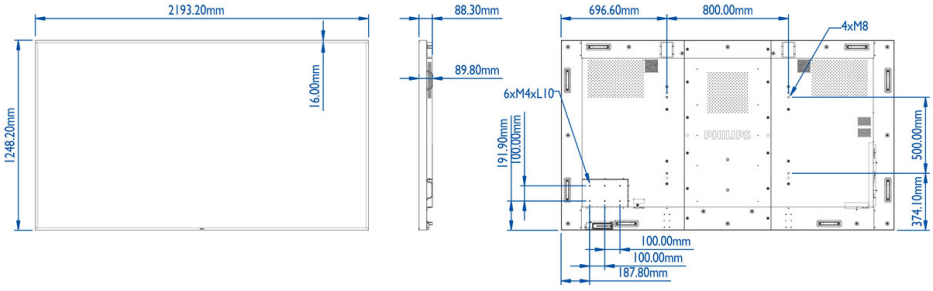
Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 500 W
- Standby power consumption: <0.5W

Sound
- Built-in speakers: 2 x 10W RMS

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

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
- Regulatory approvals: CE, UL/cUL, CCC, C-Tick, RoHS, GOST, FCC, Class A
- Warranty: 3 year warranty



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