



U-Line Display

- 98"
- Direct LED Backlight
- Ultra HD

BDL9870EU/00

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

Benefits

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

- Optional OPS Insert to create an all-in-one solution
- Play content from 4 separate inputs with QuadViewer
- 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

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Features

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



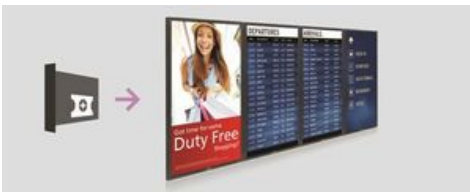
Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

SmartPower



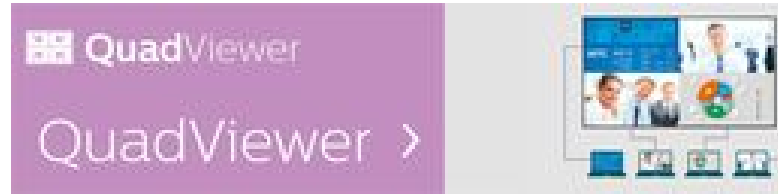
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (inch)	98 inch
Diagonal screen size (metric)	247.7 cm
Panel technology	IPS
Optimum resolution	3840 x 2160 @ 60Hz
Brightness	500 cd/m ²
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 (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

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 control	External speaker connector RS232C (in/out) 2.5 mm jack RJ45
Other connections	USB

Dimensions

Set Width	2193.20 mm
Set Height	1248.20 mm
Set Depth	89.8 mm
Bezel width	16.0 mm
Product weight	91.4 kg
VESA 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
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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 (CCK4601) 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



data subject to change
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