

Philips

E-Line Display

- 32"
- Edge LED Backlight
- Full HD

BDL3250EL/00

Deliver your marketing messages in style

with this sleek LED display

Maximising your content delivery whilst lowering your TCO has never been so easy or stunning. This 32" display offers gorgeous full HD picture quality with lower power consumption thanks to the edge LED backlight.

Benefits

Optimised for public viewing

- Full HD LED technology for brilliant images
- IPS wide view technology for image and colour accuracy

Lower total cost of ownership

- SmartPower for energy saving

Operational flexibility

- Smart Control Software Suite
- Smart insert in the back cover to place a small PC
- Keep your content up and running with Failover
- Portrait mode operability
- Enhanced zoom feature supports tiled matrix applications
- IR Pass-through
- Display Port for faster graphics support

Features

Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

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IPS Display Technology

Philips IPS displays uses an advanced technology, which gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in portrait mode. IPS displays give you remarkably crisp images with vivid colours, particularly suitable for professional video wall and menu board applications, which demand colour accuracy and consistent brightness at all times.

Smart Control

Control and manage all of the signage displays on your network with this powerful software tool, which allows you to change the settings of your display centrally via an RJ45 or RS232 connection. Smart Control allows you to set the video input, modify the colour settings, set the display's ID when creating video walls and even diagnose each display's status, giving you all the power you need to manage your displays from one central location.

Smart Insert

Professional PCs are part of most public signage installations. Quite often they increase the overall depth of the display and cause a lot of cable clutter. So we have designed this display with Smart insert in the back cover, which is ideal for the integration of a professional small form factor PC. On top of that, the cable management system offers a great solution to keep your cables neat and professional-looking.

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.

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 24/7 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.

Zoom function for tiled matrix

The internal zoom function enables easy implementation of a video wall matrix, without the need for expensive external equipment. Capable of many different configurations, creating a stunning video wall has become simplicity itself.

IR Pass-through

Control all displays in your signage network through one single remote control, via the primary display. Simple and convenient, this means you don't have to worry about other displays changing configuration settings when using your remote control unit.

Display Port

Enjoy crystal-clear images with the high-bandwidth graphics support of the Display Port. As well as transmitting full high-definition video, the Display Port will also transmit audio, thus, eliminating the need for extra cables.

Specifications

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Picture/Display

Diagonal screen size (inch)	31.55 inch
Diagonal screen size (metric)	80 cm
Panel resolution	1920 x 1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	400 cd/m²
Contrast ratio (typical)	1400:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	8 ms
Pixel pitch	0.36375 x 0.36375 mm
Display colours	16.7 million
Surface treatment	Anti-Glare coating
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Motion compens. deinterlacing 3D MA deinterlacing Dynamic contrast enhancement

Connectivity

PC	RJ45 VGA-in D-Sub 15HD VGA-out (via DVI-I) RS232 D-Sub9 RS232 D-sub9 output 3.5 mm PC audio input x 1
AV input	DVI-D x 1 Component (BNC) x 1 Composite (BNC) x 1
Other connections	Display Port DVI Out HDMI AC-out IR out External loudspeaker connector
AV output	Audio (L/R) x 1

Supported Display Resolution

Computer formats	640 x 480, 60, 67, 72, 75 Hz 800 x 600, 60, 72, 75 Hz 1024 x 768, 60 Hz 1280 x 768, 60 Hz 1280 x 800, 60 Hz 1280 x 1024, 60 Hz 1360 x 768, 60 Hz 1366 x 768, 60 Hz 1440 x 900, 60 Hz 1600 x 1200, 60 Hz 1920 x 1080, 60 Hz 1920 x 1200, 60 Hz
Video formats	480i, 60 Hz 480p, 60 Hz 576p, 50 Hz 576i, 50 Hz 720p, 50, 60 Hz 1080i, 50, 60 Hz 1080p, 50, 60 Hz

Dimensions

Set Width	750.2 mm

Set Height	444.6 mm
Set Depth	69 mm
Bezel width	24.4 mm
Product weight	11.4 kg
VESA Mount	400 x 200 mm
Smart Insert mount	100 x 100 mm

Convenience

Placement	Portrait Landscape
Picture in picture	PBP PIP POP
Network controllable	RS232 RJ45 HDMI (One Wire)
Signal Loop Through	DVI VGA RS232 IR Loop through
Energy-saving functions	Smart Power
Ease of installation	AC Out Smart Insert
Keyboard control	Hidden Lockable
Packaging	Reusable box
Tiled Matrix	Up to 5 x 5

Power

Consumption (On mode)	41.13 W (EnergyStar 6.0 test method)
Standby power consumption	<0.5 W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz

Sound

Built-in speakers	2 x 10 W RMS

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
Relative humidity	20 ~ 80 %
Altitude	0 ~ 3000 m
MTBF	60,000 hour(s)

Accessories

Included accessories	Remote Control Batteries for remote control AC Power Cord VGA cable User manual on CD-ROM Quick start guide
Stand	BM03241 (Optional)

Miscellaneous

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

data subject to change
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