



Philips

E-Line Display

- 42"
- Edge LED Backlight
- Full HD

BDL4250EL/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 42" display offers gorgeous full HD picture quality with lower power consumption thanks to the edge LED backlight.

Benefits

Optimized for public viewing

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

Lower total cost of ownership

- SmartPower for energy saving

Operational flexibility

- Smart Control Software Suite
- Keep your content up and running with FailOver

- Designed for 24/7 operation
- Smart insert in the backcover to place a small pc
- Portrait mode operability
- Enhanced zoom feature supports tiled matrix applications
- IR Passthrough
- Many Functions. One Wire
- Remote Management and Configuration via RS232

Features

IPS Display Technology

Philips IPS displays uses an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably

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crisp images with vivid colors, especially suitable for professional video wall and menuboard applications which demand color 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 color 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.

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 your ready for instant protection.

Smart Insert

Professional PC's are part of most public signage installations. Quite often they increase the overall depth to 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.

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 Passthrough

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.

One Wire

Take full control of your display by running all operational commands as well as your video signal through just one single HDMI cable. This unique feature makes it so much easier and more convenient to ensure the smooth running and maintenance of your display. Consumer Electronics Control (CEC) commands make finding out vital information about your display absolute childsplay.

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)	42.02 inch
Diagonal screen size (metric)	106.73 cm
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60Hz
Brightness	450 cd/m ²
Contrast ratio (typical)	1300:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.4845 x 0.4845 mm
Display colors	1.07 billion
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 x1
AV input	DVI-D x1

Other connections	Component (BNC) x1
	Composite (BNC) x1
	Display Port
	DVI Out
	HDMI
AV output	AC-out
	IR out
	External loudspeaker connector
	Audio (L/R) x1

Supported Display Resolution

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

Dimensions

Set Width	965.8 mm
Set Height	558.8 mm
Set Depth	69 mm
Bezel width	15.8 mm

Product weight	18.3 kg
VESA Mount	400 x 200 mm, 200 x 200 mm
Smart Insert mount	100 x 100 mm, 100 x 200 mm

Convenience

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

Power

Consumption (On mode)	81.98 W (EnergyStar 6.0 test method)
Standby power consumption	<0.5W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz

Sound

Built-in speakers	2 x 10W RMS
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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	BM05462 (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
2014, October 29

Version: 10.3.2
UPC: 8712581646318

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