Philips

Signage Display

- 107 cm (42")
- Digital Signage
- Full HD

BDL4245E/00

Experience images of stunning clarity

with the full HD Display

When it comes to high performance at an affordable cost, nothing comes close to this display. Deliver messages to your audience in total clarity and full HD quality — lowering your TCO and maximising your ROI!

Benefits

Optimised for public viewing

- HDMI input for full digital HD connection in one cable
- Full HD LCD display, 1920 x 1080p

Operational flexibility

- Open Pluggable Specification Slot
- Designed for 24/7 operation
- Network Controllability: RJ45
- Remote Management and Configuration via RS232

- VGA Loop through

Lower total cost of ownership

- SmartPower for energy saving
- Advanced anti-image sticking function

Sustainable and safe

- Complies with RoHS standards of care for the environment
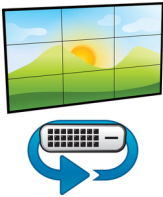
Features

OPS Slot

Developed for the Digital Signage market, the Open Pluggable Specification (OPS) slot is designed to make changing or upgrading your media player mere child's play. Simply plug your media player in to the display and you're ready.

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sense and simplicity

No matter whether you have an entry level, mid-range or high-end media player, OPS is fully compatible bringing you a lower TCO over the longer term.

Designed for 24/7 operation

Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.

Full HD LCD display 1920 x 1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

RJ45

Simple management of your display is available thanks to the introduction of a LAN (RJ45) port. You can configure each display or find out the status of each device quickly and conveniently via an RJ45 connection.

Remote Management: RS232

Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.

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.

Advanced anti-image sticking

Static images left on-screen for extended periods of time may leave a "ghost image" or image sticking effect on LCD displays. Although image sticking on LCD displays is not permanent, you want to prevent this happening, especially in locations where content is shown 24/7.

VGA Loop through

Connect multiple displays to create a video wall of up to 150 displays via a VGA daisy chain thus enhancing your visual experience. With no additional hardware required, they are as simple to install as they are captivating to your audience.

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

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 (metric)	107 cm
Diagonal screen size (inch)	42 inch
Panel resolution	1920 x 1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	450 cd/m²
Contrast ratio (typical)	4000:1
Response time (typical)	6.5 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.485 x 0.485
Display colours	16.7 million colours
Picture enhancement	3/2 - 2/2 motion pull down
	3D Combfilter
	Motion compens. deinterlacing
	Progressive scan
	3D MA deinterlacing
	Dynamic contrast enhancement

Supported Display Resolution

Computer formats	640 x 480, 60, 67, 72, 75 Hz
	800 x 600, 56, 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

Connectivity

PC	VGA-in D-Sub 15HD
	VGA-out D-Sub 15HD
	DVI-D x 1
	RS232 D-Sub9
	RS232 D-sub9 output
	3.5 mm PC audio input x 1
	RJ45
AV input	HDMI x 1
	Component (BNC) x 1
	Composite (BNC) x 1
	S-video x 1
	Audio (L/R) x 2
AV output	Composite (BNC) x 1
	Audio (L/R) x 1
Other connections	OPS

Convenience

Placement	Portrait
	Landscape
Tiled Matrix	5 x 5
Picture in picture	PBP
	PIP

data subject to change
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	POP
Screen-saving functions	Pixel shift, Low bright
Signal Loop Through	RS232
	VGA
Keyboard control	Hidden
	Lockable
Remote control signal:	Lockable
Ease of installation	Carrying Handles
Energy-saving functions	Smart Power
Picture performance	Advanced colour control
Network controllable	RS232
	RJ45
Packaging	Reusable box

Dimensions

Bezel thickness	28.5 mm/1.1"
VESA Mount	200 x 200 mm, 400 x 200 mm
Product weight	23 kg
Product weight (lb)	50.7 lb
Set Width	992 mm
Set Width (inch)	39.0 inch
Set Height	584 mm
Set Height (inch)	23.0 inch
Set Depth	116 mm
Set Depth (inch)	4.6 inch

Operating conditions

Temperature range (operation)	0 - 40 °C
Relative humidity	5 - 90 %
MTBF	50,000 hour(s)

Power

Consumption (On mode)	Typ. 114 W

Standby power consumption	<0.5 W

Sound

Built-in speakers	2 x 10 W

Accessories

Included accessories	Remote Control
	Batteries for remote control
	AC Power Cord
	VGA cable
	User manual on CD-ROM
	Quick start guide
Optional accessories	Fixed wall mount
	Flexible wall mount
	Ceiling mount
Stand	BM04642

Miscellaneous

Warranty	Europe/North America: 3 years
On-Screen Display Languages	English
	French
	German
	Italian
	Polish
	Turkish
	Russian
	Simplified Chinese
Regulatory approvals	CE
	FCC, Class B
	UL/cUL
	CCC
	C-Tick
	RoHS

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