Philips
E-Line Display

- 46"
- Edge-lit LED
- Full HD

BDL4660EL/00

Connect with your audience 24/7

With the future-proof Smart Collection

With this energy-efficient Signage Solution display, you will enjoy all the benefits of state-of-the-art connectivity and content management possibilities while being assured that remote management safeguards the lowest cost of ownership

Benefits

Optimised for public viewing
- Full HD LED technology for brilliant images
- AMVA for wide-view super-high contrast, vivid images
- Designed for 24/7 operation

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

Innovative solutions for any signage application
- Connect and control your content via the cloud with HTML5

- Free and easy-to-use content management with SmartCMS
- Schedule what you want, when you want with SmartPlayer
- Optional OPS Slot
- Connect your display and start sharing with DLNA

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

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

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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.

AMVA Display Technology

Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard applications are handled with ease, it is especially suitable for graphical demanding applications. Its optimised pixel management technology gives you a 178/178 degree extra wide viewing angle, resulting in crisp images.

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 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.

Integrated HTML5 browser

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 entire network. Simply plug in a RJ45 Internet cable for network connection and connect the display with the dedicated URL address, and you are ready to play your cloud-based content.

SmartCMS

Free and easy-to-use content management system that works exclusively with Philips Signage Solutions displays to manage your digital signage content. With SmartCMS you can create and schedule your own content over 24 hours every day. Simply create your network, design your content and schedule your playlist, and you are ready to play!

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 playlists anytime, anywhere.
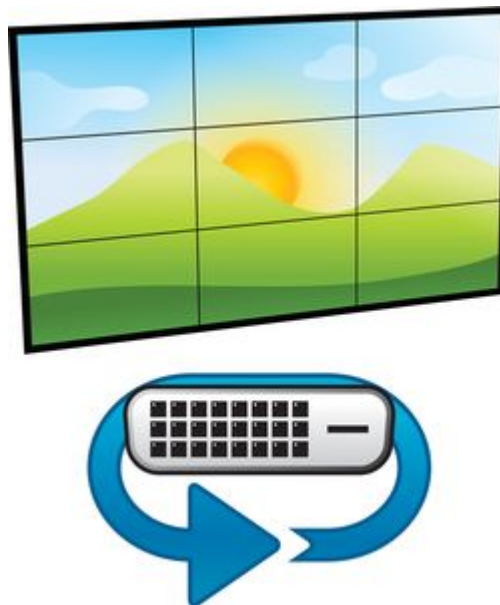
Optional OPS Slot

Open Pluggable Specification is an industry-standard slot into which you can add an OPS-compatible media player. This gives you the ability to upgrade or change your hardware whenever you need to. Turning your display into an all-in-one digital signage solution has become simplicity itself.

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.

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.

Share and Stream with DLNA

Simply share and stream content from your mobile device or media player to your display with all DLNA compliant media devices. Connect each display with an ethernet cable and manage your content in real time within your local network. Simply connect your display and start sharing.

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)	46 inch
Diagonal screen size (metric)	117 cm
Panel resolution	1920 x 1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	500 cd/m²
Contrast ratio (typical)	4000:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	6.5 ms
Pixel pitch	0.53025 x 0.53025 mm
Display colours	1073.7 million
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
	Progressive scan

Connectivity

Video input	DisplayPort (1.2)
	HDMI (x 2)
	DVI-D
	VGA (Analogue D-Sub)
	USB
	Component (RCA)
	Composite (RCA)
Video output	DisplayPort
	DVI-I
	VGA (Analogue D-Sub)
Audio input	3.5-mm jack
	Audio Left/Right (RCA)
Audio output	Audio Left/Right (RCA)
	External speaker connector
Other connections	OPS
External control	RJ45
	RS232C (in/out) 2.5 mm jack
	IR (in/out) 3.5 mm jack

Supported Display Resolution

Computer formats	1920 x 1200, 60 Hz
	1920 x 1080, 60 Hz
	1440 x 900, 60 Hz
	1366 x 768, 60 Hz
	1360 x 768, 60 Hz
	1280 x 800, 60 Hz
	1280 x 768, 60 Hz
	1024 x 768, 60 Hz
	800 x 600, 56, 60, 72, 75 Hz
	640 x 480, 60, 67, 72, 75 Hz
Video formats	1080p, 50, 60 Hz
	1080i, 50, 60 Hz
	720p, 50, 60 Hz
	576i, 50 Hz
	576p, 50 Hz
	480p, 60 Hz
	480i, 60 Hz

Dimensions

Set Width	1052.7 mm
Set Height	607.3 mm
Set Depth	69 mm
Bezel width	15.8 mm
Product weight	21.3 kg

VESA Mount	400 x 400 mm, 400 x 200 mm, 200 x 200 mm
Smart Insert mount	100 x 100 mm, 100 x 200 mm

Convenience

Placement	Landscape
	Portrait
Tiled Matrix	Up to 10 x 10
Keyboard control	Hidden
	Lockable
Signal Loop Through	DVI
	VGA
	RS232
	IR Loop through
	DisplayPort
Network controllable	RJ45
	RS232
	One Wire (HDMI-CEC)
	Card OPS RS232
	HDMI (One Wire)
Energy-saving functions	Smart Power
Ease of installation	Smart Insert
	AC Out
Screen-saving functions	Pixel Shift, Low Bright
Other convenience	Carrying handles

Power

Consumption (On mode)	93.26 W (EnergyStar 6.0 test method)
Standby power consumption	<0.3 W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz

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)

Sound

Built-in speakers	2 x 10 W RMS

Multimedia Applications

USB Playback Audio	AAC
	AIF
	AIFF
	M4A
	MP3
	WAV
	WMA
	ASF
	LPCM
	M3U
	MP4
USB Playback Picture	BMP
	GIF
	JPEG
	JPG
USB Playback Video	M2TS
	M4V
	MK3D
	MKV
	MP4
	MPEG
	MPG
	MTS
	TS

	TTS		Turkish
	VOB		Russian
	WMV		Italian
			Simplified Chinese

Accessories

Included accessories	Remote Control		Traditional Chinese
	Batteries for remote control		Arabic
	AC Power Cord	Regulatory approvals	Japanese
	VGA cable		CE
	User manual on CD-ROM		FCC, Class B
	Quick start guide		UL/cUL
	RS232 cable		CCC
Stand	BM04642 (Optional)		C-Tick
Optional accessories	ColourCalibrationKit (CCK4601)		RoHS
	HDBaseT OPS Receiver (CRD25)		GOST
			BSMI

Miscellaneous

On-Screen Display	English		CB
Languages	French		J-Moss
	German		PSE
	Spanish		VCCI
	Polish	Warranty	3-year warranty

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