

Philips

Video Wall Display

- 55"
- Direct LED Backlight
- Full HD

BDL5587XL/00

Create the most stunning video walls

with this LED zero-bezel display

Create the most mesmerising video walls with our range of video wall models. With practically zero bezel and stunning full HD picture quality, you're sure to create the most memorable visual experience.

Benefits

Optimised for public viewing

- Full HD LCD display, 1920 x 1080p
- Bezel-less design for stunning video walls
- High brightness for clearer images

High picture and video quality

- Advanced Colour Calibration

Operational flexibility

- Direct LED Backlight
- Smart insert in the back cover to place a small PC
- Smart Control Software Suite
- Keep your content up and running with FailOver
- DVI Daisy Chain
- IR Pass-through
- Portrait mode operability
- Designed for 24/7 operation

Features

Direct LED Backlight

Enjoy superior light uniformity with a direct LED backlight, which gives you even greater contrast ratios. Purer whites bring an even wider colour gamut,

PHILIPS

enhancing the colour rendering and making your viewing experience more enjoyable than ever before. And with substantially lower power consumption, your overall TCO is lower too.

Bezel-less design

Create the most stunning video walls with zero bezel displays. Configurable in a formation of up to 15 x 10 displays, and with some of the narrowest mullions in the industry, you will hardly notice the gap between the pictures, giving you the most incredible and memorable visual experience.

High brightness

Enjoy a clearer image in areas with greater ambient brightness thanks to the 800 nit panel. Your audience can enjoy better image quality in locations that are away from direct sunlight yet still brighter than average, optimising the viewing experience.

Advanced Colour Calibration

Ensure a uniform colour across all displays installed in your network thanks to our advanced colour calibration tool. This tool will automatically adjust all displays in your signage application to ensure the ultimate in colour consistency to give your audience the most memorable visual experience.

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.

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.

DVI Daisy Chain



Create a digital video wall of up to 150 displays in a 15 x 10 configuration with a DVI daisy chain. Simply connect the DVI Out port to a DVI in of another display to create the most stunning video wall experience around.

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.

Portrait mounting possible

This display can also be safely and reliably mounted in portrait position.

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.

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

Panel resolution	1920 x 1080p
Brightness	800 cd/m²
Response time (typical)	10 ms
Contrast ratio (typical)	1400:1
Aspect ratio	16:9
Pixel pitch	0.63 x 0.63 mm
Display colours	1.06 Billion
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Motion compens. deinterlacing Progressive scan 3D MA deinterlacing Dynamic contrast enhancement
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Diagonal screen size (metric)	138.7 cm
Diagonal screen size (inch)	54.6 inch
Optimum resolution	1920 x 1080 @ 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 DVI-D x 1 Component (BNC) x 1 IR in Audio (L/R) x 2
Other connections	DVI Out USB AC-out Display Port External loudspeaker connector IR out
AV output	Audio (L/R) x 1

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

Dimensions

Set Width	1215.2 mm
Set Height	686 mm
Set Depth	125.35 mm
VESA Mount	400 x 200 mm
MTBF	60,000 hrs
Product weight	33 kg
Bezel width (A to A)	5.1 mm
Bezel width (L/T, R/B)	3.3 mm, 1.8 mm

Power

Standby power consumption	<1 W
Consumption (Typical)	145 W

Operating conditions

Temperature range (operation)	0 - 40 °C
Relative humidity	10-90 %

Convenience

Signal Loop Through	DVI
	RS232
	VGA
	IR Loop through
Network controllable	RS232
	RJ45
	HDMI (One Wire)
Placement	Portrait
	Landscape
Picture in picture	PIP
Energy-saving functions	Smart Power
Tiled Matrix	Up to 15 x 10
Keyboard control	Hidden
	Lockable
Ease of installation	AC Out
	Carrying Handles
	Smart Insert
Packaging	Reusable box
Remote control signal	Lockable
Safety control functions	Heat Control
	Temperature Sensor
OSD Languages	English
	French
	German
	Italian
	Portuguese
	Spanish
	Dutch
	Polish
	Turkish
	Simplified Chinese
	Russian
	Swedish
Picture performance	Advanced colour control
Screen-saving functions	Pixel shift, Low bright

Sound

Built-in speakers	2 x 12 W (RMS)

Accessories

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

Miscellaneous

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
Warranty	Global: 3 years

data subject to change
2015, February 14

Version: 2.5.1
EAN: 8712581660000

© 2015 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com