

Philips

Video Wall Display

- 55"
- Direct LED Backlight
- Full HD
- 500 cd/m²

BDL5586XL/00

Create the most stunning video walls

with an ultra-narrow bezel display

Wow your audience with the most stunning video wall. Incorporating ultra-narrow bezels to maximise the viewing experience, our displays are sure to get your marketing messages across in style.

Benefits

Optimised for public viewing

- Full HD LED technology for brilliant images
- IPS wide view technology for image and colour accuracy
- Bezel-less design for stunning video walls

High picture and video quality

- Advanced Colour Calibration

Operational flexibility

- Smart Control Software Suite
- Open Pluggable Specification Slot
- IR Pass-through
- Keep your content up and running with FailOver
- Designed for 24/7 operation
- Portrait mode operability

Lower total cost of ownership

- 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.

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.

Bezel-less design

Create the most stunning video walls with zero-bezel displays. Configurable in a formation of up to 5 x 5 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.

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 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.

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. 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.

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.

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.

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.

Portrait mounting possible

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

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.

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)	138.7 cm
Diagonal screen size (inch)	54.6 inch
Panel resolution	1920 x 1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	500 cd/m²
Contrast ratio (typical)	1400:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.63 x 0.63 mm
Response time (typical)	10 ms
Display colours	1.06 billion
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter 3D MA deinterlacing Dynamic contrast enhancement Progressive scan

Connectivity

Video input	DisplayPort HDMI DVI-D VGA (Analogue D-Sub) Component (BNC) CVBS
Video output	DVI-D VGA (via DVI-D)
Audio input	Audio Left/Right (RCA) 3.5-mm jack
Audio output	Audio Left/Right (RCA) External speaker connector
External control	RJ45 RS232C (in/out) D-Sub9 IR (in/out) 3.5 mm jack
Other connections	OPS

Supported Display Resolution

Computer formats	640 x 480, 60, 67, 72, 75 Hz 720 x 400, 70 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 960, 60 Hz 1280 x 1024, 60 Hz 1360 x 768, 60 Hz 1366 x 768, 60 Hz 1600 x 1200, 60 Hz 1920 x 1080, 60 Hz
Video formats	480i, 30, 60 Hz 480p, 30, 60 Hz 576i, 25, 50 Hz 576p, 25, 50 Hz 720p, 50, 60 Hz 1080i, 25, 30 Hz 1080p, 50, 60 Hz

Dimensions

Set Width	1215.2 mm
Set Height	686.0 mm
Set Depth	121.2 mm
Bezel width (L/T, R/B)	3.3 mm, 1.8 mm
Product weight	36 kg
VESA Mount	400 x 400 mm

Convenience

Placement	Portrait Landscape
Tiled Matrix	Up to 5 x 5
Signal Loop Through	DVI RS232 VGA IR Pass-through IR Daisy-chain
Network controllable	RS232 LAN (RJ45) One Wire (HDMI-CEC) Card OPS RS232
Picture performance	Advanced colour control
Screen-saving functions	Pixel shift, Low bright
Picture in picture	PIP PBP POP
Safety control functions	Heat Control Temperature Sensor Failover
Ease of installation	Edge Alignment Kit Edge Alignment Pins Keyboard Control Lock Remote Control Lock Carrying Handles
Other convenience	Kensington lock
Packaging	Reusable box

Power

Mains power	100 ~ 240 VAC, 50/60 Hz
Consumption (On mode)	105.6 W (EnergyStar 6.0 test method)
Standby power consumption	<0.5 W (RS232 in active)
Power Saving Features	Smart Power

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
Relative humidity	20 ~ 80 %
Altitude	0 ~ 3000 m
MTBF	50,000 hour(s)

Sound

Built-in speakers	2 x 10 W

Accessories

Included accessories	Quick start guide User manual on CD-ROM Remote Control and AAA Batteries AC Power Cord VGA cable RS232 cable Edge alignment pins Edge alignment plates IR sensor cable (1.8 M) IR cable 3.5-mm Jack (1.8 M)
Optional accessories	Colour calibration kit Edge finishing kit
Stand	BM05462 (Optional)

Miscellaneous

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

data subject to change
2014, December 13

Version: 4.3.1
EAN: 8712581646400

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