

Philips Signage Solutions
Video Wall Display

55"

Direct LED Backlight
Full HD
500 cd/m²

BDL5586XL



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.

Lower total cost of ownership

- SmartPower for energy saving

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

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

PHILIPS

Video Wall Display
55" Direct LED Backlight, Full HD, 500 cd/m²

BDL5586XL/00

Highlights

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 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.

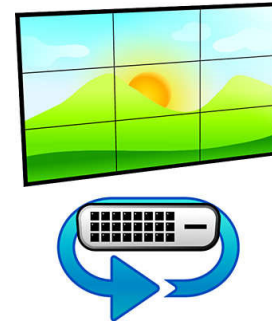
FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content 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

Connectivity

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

Picture/Display

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

Convenience

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

Sound

- Built-in speakers: 2 x 10 W

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

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

Operating conditions

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

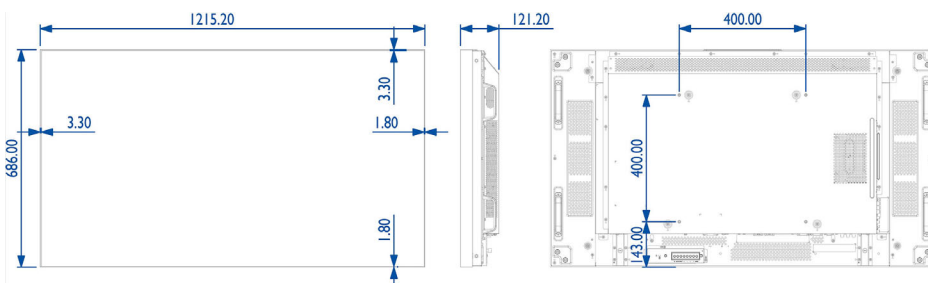
Accessories

- 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
- Warranty: 3-year warranty
- Regulatory approvals: CE, FCC, Class B, UL/cUL

CCC, C-Tick, RoHS, GOST, CB, EPEAT



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