Philips Signage Solutions
Video Wall Display

55"
Direct LED Backlight
Full HD
800 cd/m²

SignageSolutions

BDL5586XH



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.

Optimised for public viewing
- Full HD LED technology for brilliant images
- IPS wide view technology for image and colour accuracy
- High brightness for clearer images
- 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
- IR Pass-through
- Keep your content up and running with Failover
- Portrait mode operability
- Designed for 24/7 operation

PHILIPS

Video Wall Display
55" Direct LED Backlight, Full HD, 800 cd/m²

BDL5586XH/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.

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.

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.

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



Video Wall Display
55" Direct LED Backlight, Full HD, 800 cd/m²

BDL5586XH/00

Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 800 cd/m²
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 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

Resolution	Refresh rate
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

Resolution	Refresh rate
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 dimensions (W x H x D): 1215.2 x 686.0 x 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, VGA, RS232, 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

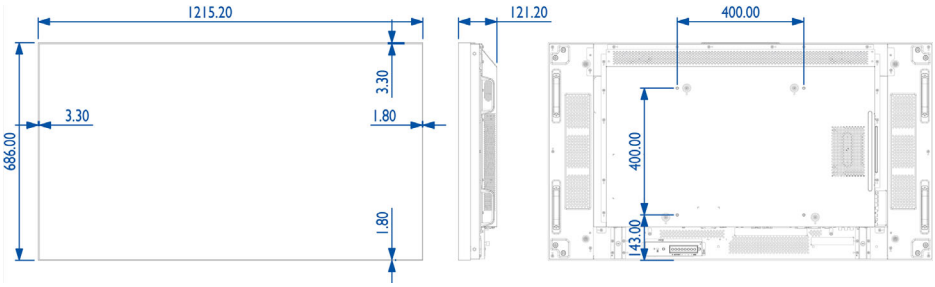
Power
- Mains power: 100 ~ 240 VAC, 50/60 Hz
- Consumption (On mode): 240 W (Typ.)
- Standby power consumption: <0.5 W (RS232 in active)
- Power Saving Features: Smart Power

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



Issue date 2014-10-29
Version: 2.0.1
12 NC: 8670 001 07341
EAN: 87 12581 69910 9

© 2014 Koninklijke Philips N.V.
All Rights reserved.
Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com