Philips Signage Solutions
Videowall Display

47"
Direct LED Backlight
HD Ready

SignageSolutions

BDL4776XL

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 picture quality, you're sure to create the most memorable visual experience.

Optimized for public viewing
- Bezel-less design for stunning video walls

High picture & video quality
- Advanced Color Calibration

Operational flexibility
- Direct LED Backlight
- Designed for 24/7 operation
- Portrait mode operability
- Open Pluggable Specification Slot
- Smart Control Software Suite
- DVI Daisy Chain
- Keep your content up and running with Failover
- IR Passthrough
- Display Port for faster graphics support
- Network Controllability: RJ45

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Highlights

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

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.

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 color 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 25 displays in a 5 x 5 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.

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 primairy input connection and a Failover connection and your ready for instant protection.

IR Passthrough
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.

RJ45
Simple management of your display is available thanks to the introduction of a LAN (RJ45) port. You can configure each display or find out the status of each device quickly and conveniently via an RJ45 connection.

Portrait mounting possible
This display is also able to be safely and reliably mounted in portrait position.

Display Port
Enjoy crystal clear images with the high-bandwidth graphics support of the Display Port. As well as transmitting full high-definition video the Display Port will also transmit audio, thus eliminating the need for extra cables.

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.

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Specifications

Picture/Display
- Diagonal screen size: 46.9 inch / 119.3 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1366 x 768 @ 60Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 500,000:1
- Response time (typical): 12 ms
- Aspect ratio: 16:9
- Pixel pitch: 0.54 x 0.54 mm
- Display colors: 16.7 million
- Surface treatment: Anti-Glare coating
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement

Connectivity
- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, RJ45, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1, DVI-D x1
- AV input: Component (BNC) x1, HDMI x1, IR in
- Other connections: Display Port, DVI Out, IR out, OPS
- AV output: Audio (L/R) x1

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1366 x 768	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz

Convenience
- Placement: Portrait, Landscape
- Tiled Matrix: Up to 5 x 5
- Picture in picture: PBP, PIP, POP
- Signal Loop Through: DVI, VGA, RS232, IR Loopthrough
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy saving functions: Smart Power
- Packaging: Reusable box
- Network controllable: RS232, RJ45
- OSD Languages: Dutch, English, French, German, Italian, Polish, Russian, Simplified Chinese, Spanish, Turkish
- Picture performance: Advanced color control
- Safety control functions: Heat Control, Temperature Sensor

Sound
- Built-in speakers: 2 x 10W

Dimensions
- Set dimensions (W x H x D): 1046.8 x 591.6 x 109.0 mm
- Product weight: 25.5 kg
- Bezel width (A to A): 6.3 mm
- Bezel width (L/T, R/B): 3.9 mm, 2.4 mm
- 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

Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 110.5 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5W

Operating conditions
- Temperature range (operation): 0 ~ 50 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 5000 m
- Relative humidity: 10 ~ 90 %
- MTBF: 50,000 hour(s)

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, Spanish, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, RoHS, GOST
- Warranty: 3 year warranty

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