Philips
LED Display

140 cm (55")
direct LED
Full HD

BDL5585XL

Hold your audience spellbound

with this high performance LCD display

Delivering your marketing messages has never been so stylish. With a super narrow bezel and a whole host of features, this display can fit in seamlessly as a standalone unit or as a part of a striking video wall.

Lower total cost of ownership
- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions

Optimized for public viewing
- Full HD LCD display, 1920x1080p
- High brightness for clearer images

Operational flexibility
- Direct LED Backlight
- Many Functions. One Wire
- DVI Daisy Chain
- Display Port for faster graphics support
- Network Controllability: RJ45
- Enhanced zoom feature supports tiled matrix applications
- Smart insert in the backcover to place a small pc

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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.

One Wire

Take full control of your display by running all operational commands as well as your video signal through just one single HDMI cable. This unique feature makes it so much easier and more convenient to ensure the smooth running and maintenance of your display. Consumer Electronics Control (CEC) commands make finding out vital information about your display absolute childsplay.

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.
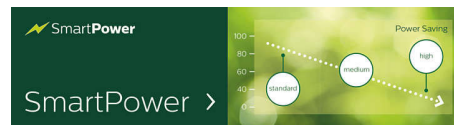
Display Port

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.

Smart Insert

Professional PC's are part of most public signage installations. Quite often they increase the overall depth to 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.

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.

Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.
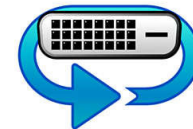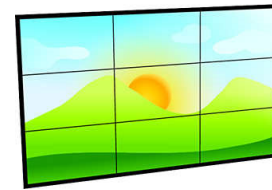
Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

High brightness

Enjoy a clearer image in areas with greater ambient brightness thanks to the 700 nit panel. Your audience can enjoy better image quality in locations that are away from direct sunlight yet still brighter than average, optimizing the viewing experience.
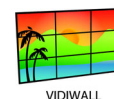
DVI Daisy Chain

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.

Zoom function for tiled matrix

The internal zoom function enables easy implementation of a video wall matrix, without the need for expensive external equipment. Capable of many different configurations, creating a stunning video wall has become simplicity itself.

Specifications

Picture/Display
- Diagonal screen size (metric): 139.7 cm
- Diagonal screen size (inch): 55 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.63 x 0.63 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Display colors: 1.07 Billion
- Contrast ratio (typical): 3000:1
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

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

Convenience
- Placement: Portrait, Landscape
- Picture in picture: PBP, PIP, POP
- Tiled Matrix: Up to 15 x 10
- Keyboard control: Hidden
- Signal loop through: RS232, VGA
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor, Smart Power
- Network controllable: RS232, RJ45

Sound
- Built-in speakers: 2 x 10W (RMS)

Power
- Consumption (On mode): 150W
- Standby power consumption: <1W

Supported Display Resolution
- Computer formats: 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, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

Dimensions
- Bezel thickness: 5.5 mm total between panels
- Set Width: 1215 mm
- Set Height: 686 mm
- Set Depth: 126 mm
- Set Width (inch): 47.8 inch
- Set Height (inch): 27.0 inch
- Wall Mount: 400 x 200 mm
- Set Depth (inch): 5.0 inch

Operating conditions
- Temperature range (operation): 0 - 40 °C
- MTBF: 60,000 hour(s)
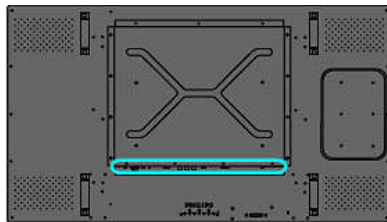- Relative humidity: 5 - 90 %

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, RoHS

Packaging dimensions
- EAN: 87 12581 60492 9
- Number of products included: 1
- Packaging type: Carton

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