Philips Signage Solutions
V-Line Display

42"
Edge LED Backlight
Full HD
700cd/m²

SignageSolutions

BDL4271VL



Deliver your messages in style

with this high performance display

Enjoy the unique combination of stunning picture quality and high performance which delivers your marketing messages to your audience to get you noticed.

Optimized for public viewing
- Full HD LED technology for brilliant images
- IPS wide view technology for image and color accuracy
- High brightness for clearer images

Lower total cost of ownership
- SmartPower for energy saving

Operational flexibility
- Portrait mode operability
- Smart Control Software Suite
- Open Pluggable Specification Slot
- Smart insert in the backcover to place a small pc
- Keep your content up and running with Failover
- USB Media Playback
- Designed for 24/7 operation
- IR Passthrough

PHILIPS

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Highlights

IPS Display Technology
Philips IPS displays uses an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably crisp images with vivid colors, especially suitable for professional video wall and menuboard applications which demand color accuracy and consistent brightness at all times.

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.

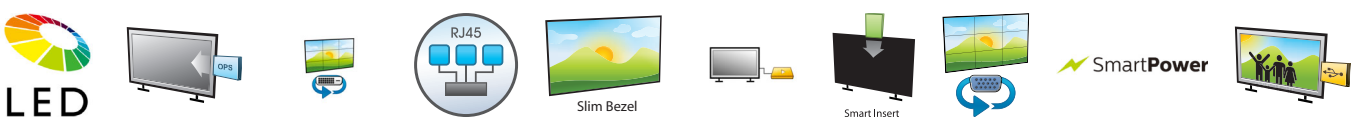
OPS Slot
Developed for the Digital Signage market, the Open Pluggable Specification (OPS) slot is designed to make changing or upgrading your media player mere child's play. Simply plug your media player in to the display - and you're ready. No matter whether you have an entry level, mid-range or high-end media player, OPS is fully compatible bringing you a lower TCO over the longer term.

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.

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.

USB Playback
Enjoy your own media playback via the USB port. Simply plug in a USB drive, and create your own signage content to convey the marketing messages you want, when you want them. With a wide range of media formats supported, this powerful media player offers an excellent picture and true flexibility.

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.



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Specifications

Picture/Display
- Diagonal screen size: 42.02 inch / 106.73 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 12 ms
- Pixel pitch: 0.485 x 0.485 mm
- Display colors: 1.07 billion colors
- 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: RJ45, VGA-in D-Sub 15HD, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1, VGA-out (via DVI-I)
- AV input: DVI-D x1, Component (BNC) x1, Composite (BNC) x1
- Other connections: OPS, Display Port, DVI Out, HDMI, USB, AC-out, IR out
- 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
1440 x 900	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz

Dimensions
- Set dimensions (W x H x D): 965.8 x 558.8 x 69 mm
- Bezel width: 15.8 mm
- Product weight: 18.3 kg
- VESA Mount: 400 x 200 mm, 200 x 200 mm
- Smart Insert mount: 100 x 100 mm, 100 x 200 mm

Convenience
- Signal Loop Through: DVI, RS232, IR Loopthrough, VGA
- Network controllable: RS232, RJ45, HDMI (One Wire)
- Placement: Portrait, Landscape
- Picture in picture: PBP, PIP, POP
- Energy saving functions: Smart Power
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Keyboard control: Hidden, Lockable
- Other convenience: Carrying handles
- Packaging: Reusable box
- Tiled Matrix: Up to 5 x 5

Power
- Consumption (On mode): 90.17 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz

Sound
- Built-in speakers: 2 x 10W

Operating conditions
- Temperature range (operation): 5 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80 %
- Altitude: 0 ~ 3000 m
- 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
- Stand: BM05462 (Optional)

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

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