Philips Signage Solutions
V-Line Display

47"
Direct LED Backlight
Full HD
2000cd/m²

SignageSolutions

BDL4780VH



Superb image visibility and clearer images

With an ultra bright display

With this high brightness Signage Solution display, you will enjoy all the benefits of state-of-the-art connectivity and content management possibilities while being ensured that remote management safeguards the lowest cost of ownership.

Optimized for public viewing
- Full HD LED for brilliant images with incredible contrast
- Projects a super high brightness picture even in daylight

Innovative solutions for any signage application
- Free and easy-to-use content management with SmartCMS
- Connect and control your content via the cloud with HTML5
- Optional OPS Insert to create an all-in-one solution
- Schedule what you want, when you want with SmartPlayer

Maximizing the impact of your message
- Manage and control your network remotely via SmartControl

Care about you, your business and your audience
- Keep your content up and running with FailOver
- SmartPower for energy saving

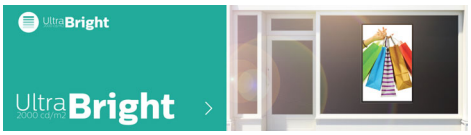
PHILIPS

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47" Direct LED Backlight, Full HD, 2000cd/m²

BDL4780VH/00

Highlights

Full HD LED technology
Picture Quality matters. Regular displays deliver quality, but you expect more. Imagine crisp detail paired with high brightness, incredible contrast and realistic colors for a true to life picture.

High brightness - 2000 nit


Enjoy an excellent visual experience even in areas illuminated by direct sunlight thanks to the 2000 nit panel. The high brightness offers a wide array of new implementation possibilities especially in locations that have high ambient light levels, delivering crystal clear images for all locations where ambient brightness is an issue.

SmartControl

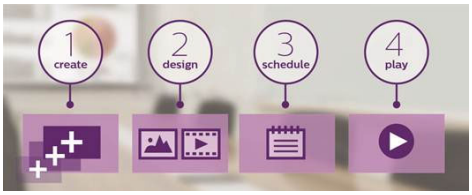

SmartControl lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily fine-tune all display settings including resolution, brightness, contrast and cloning of your settings over your complete network.

OPS Insert


Turn your display into an all-in-one digital signage solution and create a display network which is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry standard slot into which you can add an OPS-standardized media player. This cable free solution gives you the ability to install, use or maintain your hardware whenever you need.

SmartBrowser


Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect it with a display or with your complete network. Simply plug in a RJ45 internet cable for network connection, connect the display with the dedicated url-address and you are ready to play your cloud based content.

SmartCMS


Free and easy-to-use content management system that works exclusively with Philips Sigage Solutions displays to manage your digital signage content. With SmartCMS you can create and schedule your own content over 24 hours every day. Simply create your network, design your content, schedule your playlist and you are ready to play!

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 your ready for instant protection.

SmartPlayer
Turn your USB into a true cost effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display.Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

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.

SmartCollection
SmartCollection offers you customizable solutions to meet your specific requirements.
Both integrators and solution providers are offered the latest innovations, while the audience can enjoy impactful solutions. When developing smart innovations we focus on Caring, Innovative and Impactful solutions.

FullHD HTML SmartPower SmartCMS SmartPlayer OPSInsert SmartControl

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Specifications

Picture/Display
- Diagonal screen size (inch): 46.96 inch
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 2000 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 10 ms
- Display colors: 1.07 billion colors
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement
- DICOM: Clinical D-image

Connectivity
- Video input: DisplayPort (1.2), HDMI (x2), DVI-D, VGA (Analog D-Sub), USB, Component (BNC), Composite (BNC)
- Video output: DisplayPort, DVI-I, VGA (Analog D-Sub)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector
- Other connections: OPS, USB
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
1920 x 1200	60Hz
1920 x 1080	60Hz
1600 x 1200	60Hz
1440 x 900	60Hz
1366 x 768	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60Hz
800 x 600	56, 60, 72, 75Hz
640 x 480	60, 67, 72, 75Hz

- Video formats

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

Dimensions
- Bezel width: 15.6 mm
- Set dimensions (W x H x D): 1076.20 x 620.59 x 132.10 mm
- VESA Mount: 400 x 400 mm, M6
- Product weight: 24 kg
- Product weight (lb): 52.9 lb

Convenience
- Placement: Portrait, Landscape
- Tiled Matrix: Up to 10 x 10
- Keyboard control: Hidden, Lockable
- Signal Loop Through: DVI, VGA, RS232, DisplayPort, IR Loopthrough
- Network controllable: RJ45, RS232, Card OPS RS232, One Wire (HDMI-CEC)
- Energy saving functions: Smart Power
- Screen saving functions: Pixel Shift, Low Bright
- Safety control functions: Heat Control, Temperature Sensor

Power
- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 160 W (EnergyStar 6.0 test method)

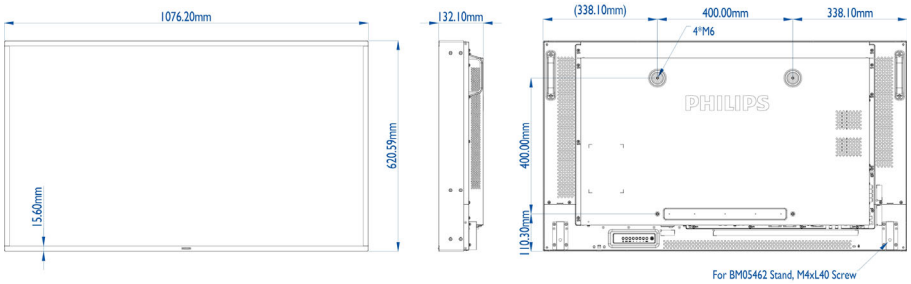
Operating conditions
- Temperature range (operation): 5 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80 %
- Altitude: 0 ~ 3000 m
- MTBF: 60,000 hour(s)

Sound
- Built-in speakers: 2 x 10W

Multimedia Applications
- USB Playback Audio: AAC, AIF, AIFF, ASF, LPCM, M3U, M4A, MP3, MP4, WAV, WMA
- USB Playback Picture: BMP, GIF, JPEG, JPG
- USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, User manual on CD-ROM, Quick start guide, RS232 cable
- Optional accessories: HDBaseT OPS Receiver (CRD25)
- Stand: Optional BM04642 / BM02542

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



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EAN: 87 12581 73000 0

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