



Philips Signage Solutions  
V-Line Display

47"

Direct LED Backlight  
Full HD  
2000cd/m<sup>2</sup>

**Signage**Solutions

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

# 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

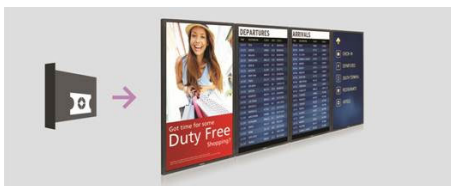
Enjoy an excellent visual experience even in areas illuminated by direct sunlight thanks to the 2000 nit panel. The high brightness offers a wide array of new implementation possibilities especially in locations that have high ambient light levels, delivering crystal clear images for all locations where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

## SmartControl



SmartControl software suite lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily identify your displays and fine-tune all display settings including resolution, brightness, contrast, video wall configurations 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.

## Integrated HTML5 browser



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 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 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.

# 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

## 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

## Convenience

- Placement: Portrait, Landscape
- Tiled Matrix: Up to 10 x 10
- Keyboard control: Hidden, Lockable
- Signal Loop Through: DVI, VGA, RS232, DisplayPort, IR Loophthrough
- 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

## 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

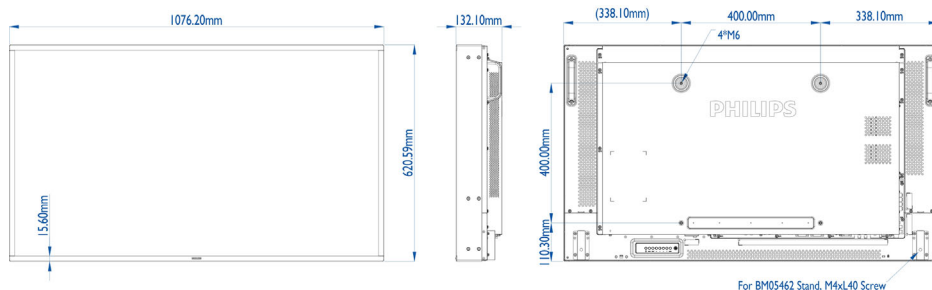
- Built-in speakers: 2 x 10W

## 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: ColourCalibrationKit (CCK4601), HDBaseT OPS Receiver (CRD25)
- Stand: Optional



Issue date 2015-05-27

Version: 1.0.2

12 NC: 8670 001 22065  
EAN: 87 12581 73000 0

© 2015 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](http://www.philips.com)

# Legacy Technology Services

**We Rent & Sell All Types Of Barcode Equipment**

Call now to talk to an expert

**866-271-9891**

[www.LegacyGlobal.com](http://www.LegacyGlobal.com)

Some brands we carry



MOTOROLA

**Intermec**

**DATALOGIC**™

**Honeywell**

**EQUINOX**  
PAYMENTS



## About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

## Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

## Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

## Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

## Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

## Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

## Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



[Legacy, Inc.](http://Legacy, Inc.)

160 West Road,  
Ellington, CT 06029

Toll Free: 866-271-9891

Fax: 888-522-4684