

V-Line Display

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

BDL4780VH/00

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.

Benefits

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

- Optional OPS Insert to create an all-in-one solution
- Connect and control your content via the cloud with HTML5
- Free and easy-to-use content management with SmartCMS
- 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

Features

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



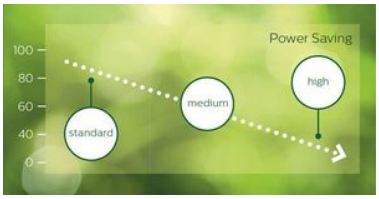
Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically 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.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

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

data subject to change
2017, January 12

Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	10 ms
Display colors	1.07 billion colors
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	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	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	1080p, 50, 60Hz 1080i, 50, 60Hz 720p, 50, 60Hz 576i, 50Hz 576p, 50Hz 480p, 60Hz 480i, 60Hz

Dimensions

Bezel width	15.6 mm
Set Depth	132.10 mm
Set Height	620.59 mm
Set Width	1076.20 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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