Philips Signage Solutions
E-Line Display

46"
Edge-lit LED
Full HD

BDL4660EL

Connect with your audience 24/7

With the future-proof Smart Collection

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

Optimised for public viewing
- Full HD LED technology for brilliant images
- AMVA for wide-view super-high contrast, vivid images
- Designed for 24/7 operation

Innovative solutions for any signage application
- Connect your display and start sharing with DLNA
- Connect and control your content via the cloud with HTML5
- Optional OPS Slot
- Schedule what you want, when you want with SmartPlayer
- Free and easy-to-use content management with SmartCMS

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

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

PHILIPS

Highlights

Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

AMVA Display Technology

Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard applications are handled with ease, it is especially suitable for graphical demanding applications. Its optimised pixel management technology gives you a 178/178 degree extra wide viewing angle, resulting in crisp images.

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.

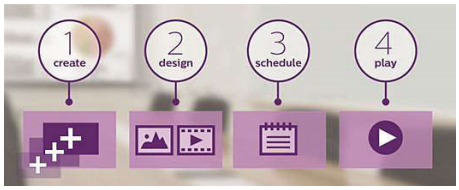
FailOver

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 you're ready for instant protection.

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 entire network. Simply plug in a RJ45 Internet cable for network connection and 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 Signage 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 and schedule your playlist, and you are ready to play!

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 playlists anytime, anywhere.

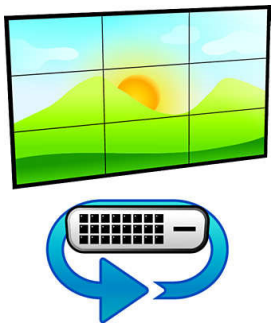
Optional OPS Slot

Open Pluggable Specification is an industry-standard slot into which you can add an OPS-compatible media player. This gives you the ability to upgrade or change your hardware whenever you need to. Turning your display into an all-in-one digital signage solution has become simplicity itself.

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.

Designed for 24/7 operation



Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.

Share and Stream with DLNA

Simply share and stream content from your mobile device or media player to your display with all DLNA compliant media devices. Connect each display with an ethernet cable and manage your content in real time within your local network. Simply connect your display and start sharing.

E-Line Display
46" Edge-lit LED, Full HD

BDL4660EL/00

Specifications

Connectivity
- Audio output: Audio Left/Right (RCA), External speaker connector
- Video input: DisplayPort (1.2), HDMI (x 2), DVI-D, VGA (Analogue D-Sub), USB, Component (RCA), Composite (RCA)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: OPS
- Video output: DisplayPort, DVI-I, VGA (Analogue D-Sub)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Picture/Display
- Diagonal screen size (metric): 117 cm
- Diagonal screen size (inch): 46 inch
- Aspect ratio: 16:9
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.53025 x 0.53025 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Display colours: 1073.7 million
- Contrast ratio (typical): 4000:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 6.5 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan

Convenience
- Placement: Landscape, Portrait
- Tiled Matrix: Up to 10 x 10
- Screen-saving functions: Pixel Shift, Low Bright
- Keyboard control: Hidden, Lockable
- Signal loop through: DVI, VGA, RS232, IR Loop through, DisplayPort
- Ease of installation: Smart Insert, AC Out
- Energy-saving functions: Smart Power
- Other convenience: Carrying handles
- Network controllable: RJ45, RS232, One Wire (HDMI-CEC), Card OPS RS232, HDMI (One Wire)

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

Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 93.26 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.3 W

Supported Display Resolution
- Computer formats: 1920 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1440 x 900, 60 Hz, 1366 x 768, 60 Hz, 1360 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 768, 60 Hz, 1024 x 768, 60 Hz, 800 x 600, 56, 60, 72, 75 Hz, 640 x 480, 60, 67, 72, 75 Hz
- Video formats: 1080p, 50, 60 Hz, 1080i, 50, 60 Hz, 720p, 50, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 480p, 60 Hz, 480i, 60 Hz

Dimensions
- Smart Insert mount: 100 x 100 mm, 100 x 200 mm
- Set Width: 1052.7 mm
- Product weight: 21.3 kg
- Set Height: 607.3 mm
- Set Depth: 69 mm
- Wall Mount: 400 x 400 mm, 400 x 200 mm, 200 x 200 mm
- Bezel width: 15.8 mm

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

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

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide, RS232 cable
- Optional accessories: ColourCalibrationKit (CCK4602), HDBaseT OPS Receiver (CRD25)
- Stand: BM04642 (Optional)

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

Issue date 2024-03-24
Version: 4.1.1
EAN: 87 12581 71773 5

© 2024 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