Philips Signage Solutions
E-Line Display

65"
Edge LED Backlight
Full HD

SignageSolutions

BDL6520EL

# Captivate your audience

## With an impressive large screen experience

Maximizing your content delivery whilst lowering your TCO has never been so easy. This 65" display offers breathtaking HD picture quality with lower power consumption.

### Optimized for public viewing
- Full HD LED technology for brilliant images
- AMVA for wide-view super-high contrast, vivid images
- Designed for 24/7 operation
- Portrait mode operability

### Operational flexibility
- Open Pluggable Specification Slot
- Smart insert in the backcover to place a small pc
- Smart Control Software Suite
- Freeze mode for smooth presentations

### Lower total cost of ownership
- SmartPower for energy saving
- Power consumption below the industry average

PHILIPS

E-Line Display
65" Edge LED Backlight, Full HD

BDL6520EL/00

# 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 LCD backlight, resulting in super high contrast ratio. It also gives superior color 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. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in portrait mode.

### 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.

### 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.

### 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.

### 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.

### Freeze operation
Activate the freeze option during your presentation, to switch the content on your computer without having your audience to see it. Simply deactivate the freeze option when ready to play the live video source again.

### 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.

### Portrait mounting possible
This display is also able to be safely and reliably mounted in portrait position.

E-Line Display
65" Edge LED Backlight, Full HD

BDL6520EL/00

# Specifications

## Picture/Display
- Diagonal screen size: 64.5 inch / 163.9 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 360 cd/m²
- Contrast ratio (typical): 4000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.74 x 0.74 mm
- Display colors: 1.07 billion
- Viewing angle (H / V): 178 / 178 degree
- Surface treatment: Anti-Glare coating
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing

## 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 | 60, 72, 75Hz |
| 640 x 480 | 60, 67, 72, 75Hz |

- Video formats

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

## Connectivity
- Video input: DVI-D, HDMI, VGA (Analog D-Sub), S-Video (Y/C mini DIN) 1x, Component (BNC), Composite (BNC)
- Video output: VGA (Analog D-Sub), Composite (BNC)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector
- External control: RJ45, RS232C (in/out) D-Sub9
- Other connections: OPS, AC-out

## Dimensions
- Set dimensions (W x H x D): 1552.0 x 927.1 x 93.0 mm
- Bezel width: 59 mm
- Product weight: 52 kg
- VESA Mount: 600 x 400 mm
- Smart Insert mount: 100 x 100 mm, 100 x 200 mm

## Convenience
- Placement: Landscape, Portrait
- Picture in picture: PBP, PIP, POP
- Network controllable: RJ45, RS232, HDMI (One Wire)
- Signal Loop Through: VGA, RS232
- Energy saving functions: Smart Power
- Ease of installation: AC Out, Smart Insert
- Tiled Matrix: Up to 5 x 5
- Picture performance: Advanced color control
- Remote control signal: Lockable
- Keyboard control: Hidden, Lockable
- Safety control functions: Heat Control, Temperature Sensor
- Other convenience: Carrying handles
- Packaging: Reusable box

## Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 250 W
- Standby power consumption: <0.5W

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

## Operating conditions
- Temperature range (operation): 5 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 10 ~ 90 %
- MTBF: 50,000 hour(s)

## Accessories
- Included accessories: AC Power Cord, Batteries for remote control, Quick start guide, Remote Control, User manual on CD-ROM, VGA cable, RS232 cable

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

Issue date 2015-05-20

Version: 2.2.1

12 NC: 8670 001 01838
EAN: 87 12581 68327 6

© 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