Philips Signage Solutions
E-Line Display

65"
Edge LED Backlight
Full HD

BDL6520EL

Captivate your audience

With an impressive large-screen experience

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

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

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

Operational flexibility
- Open Pluggable Specification Slot
- Smart Control Software Suite
- Smart insert in the back cover to place a small PC
- Freeze mode for smooth presentations

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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.
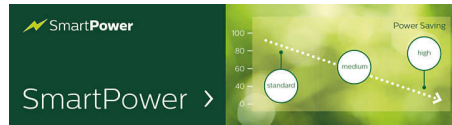
AMVA Display Technology

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 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 colour 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.
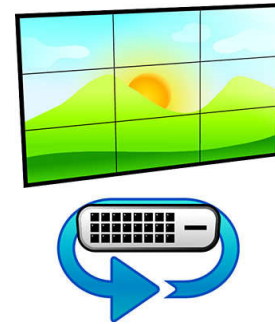
Smart Insert

Professional PCs are part of most public signage installations. Quite often they increase the overall depth of 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 see it. Simply deactivate the freeze option when you are 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.

Lower power consumption

Reduction of the electrical power required to operate a device.

Portrait mounting possible

This display can also be safely and reliably mounted in portrait position.

Specifications

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

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

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

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

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

Supported Display Resolution
- Computer formats: 1920 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1600 x 1200, 60 Hz, 1440 x 900, 60 Hz, 1366 x 768, 60 Hz, 1360 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1280 x 800, 60 Hz, 1280 x 768, 60 Hz, 1024 x 768, 60 Hz, 800 x 600, 60, 72, 75 Hz, 640 x 480, 60, 67, 72, 75 Hz
- Video formats: 1080i, 50, 60 Hz, 1080p, 50, 60 Hz, 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz

Dimensions
- Smart Insert mount: 100 x 100 mm, 100 x 200 mm
- Set Width: 1552.0 mm
- Product weight: 52 kg
- Set Height: 927.1 mm
- Set Depth: 93.0 mm
- Wall Mount: 600 x 400 mm
- Bezel width: 59 mm

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

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
- Warranty: 3-year warranty
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST

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