



Philips
LCD monitor

165 cm (65")
Digital Signage
Full HD

BDL6531E

Impress and captivate your audience

with the full HD 65" LCD display

Deliver your marketing messages in startling clarity with this Full HD public signage display. Ideal for projects which need eye-catching design at an affordable price.

Optimised for public viewing

- Full HD LCD display, 1920 x 1080p
- Slim bezel design for a stylish look
- Advanced in factory colour calibration

Lower total cost of ownership

- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions
- Advanced anti-image sticking function

Sustainable and safe

- Complies with RoHS standards of care for the environment

Operational flexibility

- Smart insert in the back cover to place a small PC
- Remote Management and Configuration via RS232

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Highlights

Advanced anti-image sticking

Static images left on-screen for extended periods of time may leave a "ghost image" or image sticking effect on LCD displays. Although image sticking on LCD displays is not permanent, you want to prevent this happening, especially in locations where content is shown 24/7.

Advanced colour calibration

Whether installing a video wall in a 3 x 3, 2 x 4 or 5 x 5 set up, you want the colour performance of each image to be consistent in each display used. Therefore, each display is specially calibrated in the factory to meet the highest standard of advanced video walls.

Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

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.

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.

Remote Management: RS232

Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.



Specifications

Picture/Display

- Diagonal screen size: 65 inch / 165.1 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 2500:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colours: 16.7 million colours
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution

Computer formats

| Resolution | Refresh rate |
|-------------|-------------------|
| 640 x 480 | 60, 67, 72, 75 Hz |
| 800 x 600 | 56, 60, 72, 75 Hz |
| 1024 x 768 | 60 Hz |
| 1280 x 768 | 60 Hz |
| 1280 x 800 | 60 Hz |
| 1280 x 1024 | 60 Hz |
| 1360 x 768 | 60 Hz |
| 1366 x 768 | 60 Hz |
| 1440 x 900 | 60 Hz |
| 1600 x 1200 | 60 Hz |
| 1920 x 1080 | 60 Hz |
| 1920 x 1200 | 60 Hz |

Video formats

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

Connectivity

- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x 1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x 1
- AV input: HDMI x 1, Audio (L/R) x 1, Component RCA
- AV output: Composite (BNC) x 1, Audio (L/R) x 1
- Other connections: External loudspeaker

connector

Convenience

- Placement: Landscape
- Tiled Matrix: Up to 5 x 5
- Picture in picture: PBP, PIP, POP
- Screen-saving functions: Pixel Shift, Low Brightness
- Signal Loop Through: RS232, VGA
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: Carrying Handles, Smart Insert
- Energy-saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Packaging: Reusable box
- Network controllable: RS232

Dimensions

- Bezel thickness: 44 mm
- Smart Insert mount: 300 x 320 x 64 mm
- Smart insert in inch (WxHxD): 11.81 x 11.89 x 2.52"
- Set dimensions (W x H x D): 1524 x 892 x 125 mm
- Set dimensions in inch (W x H x D): 60.0 x 35.1 x 4.9 inch
- Product weight: 53.8 kg
- Product weight (lb): 110.2
- VESA Mount: 400 x 400 mm (15.7 x 15.7")

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 50,000 hours hour(s)

Power

- Consumption (On mode): Typ. 314 W
- Standby power consumption: <1 W

Sound

- Built-in speakers: 2 x 12 W (8 Ohm)

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Optional accessories: Fixed wall mount, Flexible

wall mount, Ceiling mount

Miscellaneous

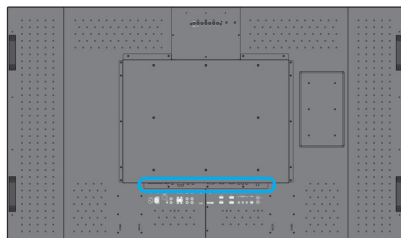
- Warranty: Europe/North America 3 years
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS, UL/cUL, CB, CSA, C-Tick, GOST

Packaging dimensions

- Packaging dimensions (W x H x D): 164.7 x 104.6 x 29.8 cm
- EAN: 87 12581 60391 5
- Gross weight: 63 kg
- Net weight: 54 kg
- Number of products included: 1
- Packaging type: Carton
- Tare weight: 9 kg

Product dimensions

- Product dimensions (W x H x D): 152.36 x 89.16 x 12.48 cm
- Product dimensions with stand (W x H x D): 152.36 x 102.57 x 42.17 cm
- Weight: 54 kg



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