Philips
LCD monitor

165 cm (65")
multimedia 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
- Monitor is network controllable for remote management

PHILIPS
sense and simplicity

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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 add additional depth to the public display and a lot of cable clutter. This public display contains a Smart insert in the back cover that will fit many professional small form factor PCs. In addition, it offers provisions for efficient cable management.

Network controllability: RS232
Network controllability allows user to control and adjust monitors remotely through RS232 protocol.

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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 (WxHxD): 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
- Mains power: 90-264 V AC/50-60 Hz
- 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
- Bezel: metallic anthracite
- 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
- Net weight: 54 kg
- Gross weight: 63 kg
- Tare weight: 9 kg
- EAN: 87 12581 60391 5
- Number of products included: 1
- Packaging type: Carton

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

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