Philips
LCD monitor

165 cm (65")
multimedia
Full HD

BDL6531E

Impress your audience with stunning clarity

Full High Definition Digital Signage and Video Conferencing Display

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

Operational flexibility for different applications
- Smart insert in the back cover to place a small PC
- Enhanced zoom feature supports tiled matrix applications

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

PHILIPS

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 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.

Zoom function for tiled matrix

The internal zoom function enables easy implementation of a video wall matrix, without the need for expensive external equipment. Capable of a vidiwall of 25 displays by dividing up to 5 displays each horizontally and vertically.

Full HD 1080p DISPLAY   Slim Bezel   VIDIWALL   Smart Insert   SmartPower   DVI digital visual interface   Lead Free!

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, Composite (RCA) x 1, Composite (BNC) x 1, S-video x 1, Audio (L/R) x 1
- AV output: Composite (BNC) x 1, Audio (L/R) x 1
- Other connections: External loudspeaker connector

Convenience
- Placement: Portrait, 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: 31
- 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): 1500 x 876 x 123.5 mm
- Set dimensions in inch (W x H x D): 59.1 x 34.5 x 4.8 inch
- Product weight: 50 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): 358
- 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

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 60686 2
- 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