Philips
LCD monitor

• 81 cm (32")
• Digital Signage
• Full HD

BDL3245E

Draw in your audience in style

with this multi-functional Display

Deliver vital information or marketing messages to your audience in startling clarity with this 32" display. With a host of connection options, it is ideal for projects where economy is key.

Optimised for public viewing
• Full HD LCD display, 1920 x 1080p
• HDMI input for full digital HD connection in one cable

Operational flexibility
• Network Controllability: RJ45
• VESA mounting pattern for easy wall mounting of display
• Remote Management and Configuration via RS232
• Portrait mode operability

Lower total cost of ownership
• SmartPower for energy saving
• Advanced anti-image sticking function

Sustainable and safe
• Complies with RoHS standards of care for the environment

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Highlights

Full HD LCD display 1920 x 1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

RJ45

Simple management of your display is available thanks to the introduction of a LAN (RJ45) port. You can configure each display or find out the status of each device quickly and conveniently via an RJ45 connection.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

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.

Remote Management: RS232

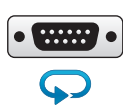Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.

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.

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Specifications

Picture/Display
- Diagonal screen size: 31.55 inch / 80.1 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1450:1
- Response time (typical): 5 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.364 x 0.364
- Display colours: 1.06 Billion 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, RJ45
- AV input: HDMI x 1, Component (BNC) x 1, S-video x 1, Audio (L/R) x 2, Composite (BNC) x 1
- AV output: Composite (BNC) x 1, Audio (L/R) x 1

Convenience
- Placement: Portrait, Landscape
- Tiled Matrix: 5 x 5
- Picture in picture: PBP, PIP, POP
- Screen-saving functions: Pixel shift, Low bright
- Signal Loop Through: RS232, VGA
- Keyboard control: Hidden, Lockable
- Remote control signal:: Lockable
- Ease of installation: Carrying Handles
- Energy-saving functions: Smart Power
- Picture performance: Advanced colour control
- Network controllable: RS232, RJ45
- Packaging: Reusable box

Dimensions
- Bezel thickness: 36 mm/1.4"
- VESA Mount: 200 x 200 mm, 400 x 200 mm
- Product weight: 12.8 kg
- Product weight (lb): 28.2 lb
- Set dimensions (W x H x D): 774 x 468 x 116 mm
- Set dimensions in inch (W x H x D): 30.5 x 18.4 x 4.6 inch

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

Power
- Consumption (On mode): Typ. 88 W
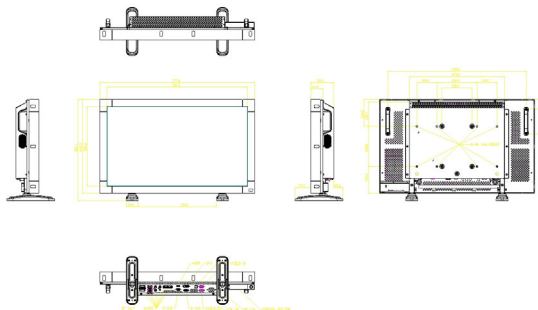- Standby power consumption: <0.5 W

Sound
- Built-in speakers: 2 x 10 W

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Stand: BM03211 (optional)

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, UL/cUL, CCC, RoHS, C-Tick

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