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.

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

Optimized for public viewing
- Full HD LCD display, 1920x1080p
- HDMI input for full digital HD connection in one cable

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

Sustainable and safe
- Complies with RoHS standards to care for the environment

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Highlights

Full HD LCD display 1920x1080p

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 colors. This vibrant and sharp image will provide you with an enhanced viewing experience.
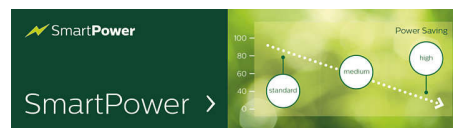
RJ45

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 analog 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 backward 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.

VESA mounting holes

A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.

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.
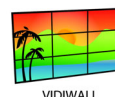
Advanced anti image sticking

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 in LCD displays is not permanent, you want to prevent this to happen, especially in locations where content is shown 24/7.

Portrait mounting possible

This display is also able to be safely and reliably mounted in portrait position.

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 (metric): 80.1 cm
- Diagonal screen size (inch): 31.55 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.364 x 0.364
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 500 cd/m²
- Display colors: 1.06 Billion Colors
- Contrast ratio (typical): 1450:1
- Response time (typical): 5 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Connectivity
- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1, RJ45
- AV input: HDMI x1, Component (BNC) x1, S-video x1, Audio (L/R) x2, Composite (BNC) x1
- AV output: Composite (BNC) x1, Audio (L/R) x1

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

Sound
- Built-in speakers: 2 x 10W

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

Supported Display Resolution
- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

Dimensions
- Bezel thickness: 36mm/1.4"
- Set Width: 774 mm
- Product weight: 12.8 kg
- Set Height: 468 mm
- Set Depth: 116 mm
- Set Width (inch): 30.5 inch
- Set Height (inch): 18.4 inch
- Wall Mount: 200 x 200mm, 400 x 200mm
- Set Depth (inch): 4.6 inch
- Product weight (lb): 28.2 lb lb
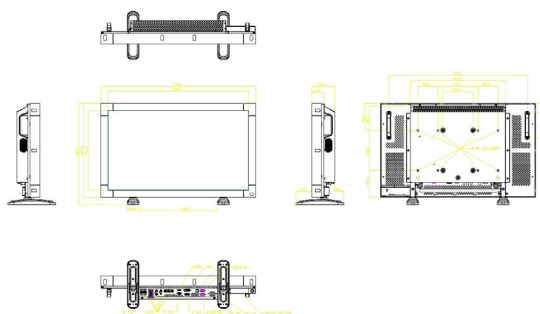
Operating conditions
- Temperature range (operation): 0 - 40 °C
- MTBF: 50.000 hour(s)
- Relative humidity: 5 - 90 %

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

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