



Philips
LCD monitor

81 cm (32")
multimedia
Full HD

BDL4245E

Deliver stunning picture quality

with the affordable, full HD 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

- Wide format WXGA 1366 x 768 resolution for sharper display
- Enhanced zoom feature supports tiled matrix applications
- HDMI input for full digital HD connection in one cable

Operational flexibility

- Open Pluggable Specification Slot
- Designed for 24/7 operation
- Remote Management and Configuration via RS232
- Portrait mounting version available

Sustainable and safe

- Complies with RoHS standards to care for the environment

PHILIPS

Highlights

WXGA 1366 x 768 resolution

The wide format of XGA resolution LCD panel is capable of displaying 1366 x 768 pixels; WXGA allows monitors to be non-interlaced to ensure a better display performance and accurate color display effect.

Zoom function for tiled matrix

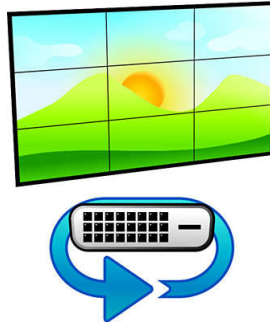
The internal zoom function enables easy implementation of a video wall matrix, without the need for expensive external equipment. Capable of a vidiwall of 25 displays by dividing up to 5 displays each horizontally and vertically.

HDMI input



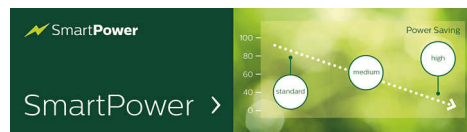
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with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

Designed for 24/7 operation



Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.

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.

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.

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.

Remote Management:: RS232

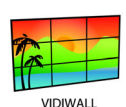
Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.

OPS Slot

Developed for the Digital Signage market, the Open Pluggable Specification (OPS) slot is designed to make changing or upgrading your media player mere child's play. Simply plug your media player in to the display - and you're ready. No matter whether you have an entry level, mid-range or high-end media player, OPS is fully compatible bringing you a lower TCO over the longer term.

Portrait mounting available

Some public display applications require portrait mounting. A version of the display is prepared for save and reliable mounting in portrait position.



Specifications

Picture/Display

- Diagonal screen size (metric): 81 cm
- Diagonal screen size (inch): 32 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.364 x 0.364
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 450 cd/m²
- Display colors: 16.7 Million colors
- Contrast ratio (typical): 3500:1
- 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, Composite (RCA) x1, Composite (BNC) x1, S-video x1, Audio (L/R) x2
- AV output: Composite (BNC) x1, Audio (L/R) x1
- Other connections: OPS

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 7 W (8 ohm)

Power

- Mains power: 90-264 VAC, 50/60 Hz

- Consumption (On mode): Typ. 67W
- Standby power consumption: <1W

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: 789 mm
- Product weight: 13.1 kg
- Set Height: 604 mm
- Set Depth: 133 mm
- Set Width (inch): 31.1 inch
- Set Height (inch): 23.6 inch
- Wall Mount: 200x200mm, 400x200 mm
- Set Depth (inch): 5.2 inch
- Product weight (lb): 28.5 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, Table top stand
- Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount

Miscellaneous

- Bezel: metallic anthracite
- 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



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