Philips
LCD monitor

107cm (42")
multimedia
Full HD

BDL4245E

Experience images of stunning clarity

with the full HD Display

When it comes to high performance at an affordable cost, nothing comes close to this display. Deliver messages to your audience in total clarity and full HD quality - lowering your TCO and maximizing your ROI!

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

Optimized for public viewing
- Full HD LCD display, 1920x1080p
- Enhanced zoom feature supports tiled matrix applications
- HDMI input for full digital HD connection in one cable

Operational flexibility
- Open Pluggable Specification Slot
- Network Controllability: RJ45
- Designed for 24/7 operation
- Remote Management and Configuration via RS232

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

PHILIPS
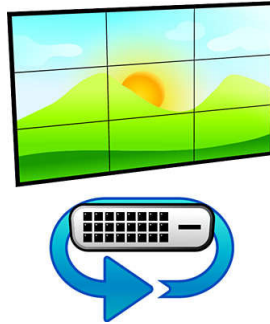
Highlights

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.

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.

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.

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.

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.

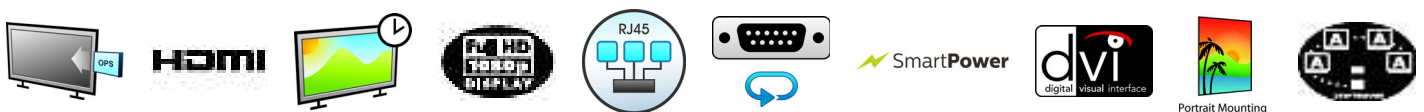## Zoom function for tiled matrix

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.

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.

Specifications

Picture/Display
- Diagonal screen size (metric): 107 cm
- Diagonal screen size (inch): 42 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.485 x 0.485
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 450 cd/m²
- Display colors: 16.7 Million colors
- Contrast ratio (typical): 4000:1
- Response time (typical): 6.5 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 (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 10W

Power
- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typ. 114W
- 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: 28.5mm/1.1"
- Set Width: 992 mm
- Product weight: 23 kg
- Set Height: 584 mm
- Set Depth: 116 mm
- Set Width (inch): 39.0 inch
- Set Height (inch): 23.0 inch
- Wall Mount: 200x200mm, 400x200 mm
- Set Depth (inch): 4.6 inch
- Product weight (lb): 50.7 lb lb

Product dimensions
- Width: 79.2 cm
- Width: 31.2 inch
- Height: 48.7 cm
- Height: 19.2 inch
- Depth: 11.5 cm
- Depth: 4.5 inch
- Weight: 11.95 kg
- Weight: 26.345 lb
- Height (with stand): 53.1 cm
- Height (with stand): 20.9 inch
- Depth (with stand): 20.5 cm
- Depth (with stand): 8.1 inch
- Weight (with stand): 12.6 kg
- Weight (with stand): 27.778 lb

Operating conditions
- Temperature range (operation): 0 - 40 °C
- MTBF: 50.000 hour(s)
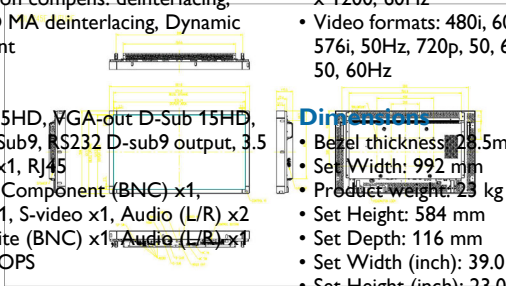- Relative humidity: 5 - 90 %

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount
- Stand: BM04642

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, C-Tick, RoHS

Packaging dimensions
- Height: 61.2 cm
- Height: 24.1 inch
- Width: 90.1 cm
- Width: 35.5 inch
- Depth: 28 cm
- Depth: 11.0 inch
- Nett weight: 11.95 kg
- Nett weight: 26.345 lb
- Gross weight: 17.4 kg
- Gross weight: 38.360 lb
- Tare weight: 5.45 kg
- Tare weight: 12.015 lb

LCD monitor
107cm (42") multimedia, Full HD

BDL4245E/27

Specifications

- EAN: 87 12581 64560 1
- Number of products included: 1

- Packaging type: Carton