

Philips
LCD monitor

107cm (42")
multimedia
Full HD

BDL4225E



The best all round public signage display

for indoor applications

Control your costs with this network-controllable 107 cm/42" LCD monitor. Whether used in a network or as a single public display, this model offers a variety of features to meet the most demanding public and corporate viewing applications.

Operational flexibility for different applications

- Designed for 24/7 operation
- Remote Management and Configuration via RS232
- VGA loop through enables daisy chaining to multiple monitors
- Portrait mode operability

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

Sustainable and safe

- Complies with RoHS standards to care for the environment

PHILIPS

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

BDL4225E/01

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.

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.

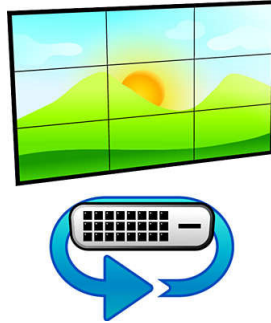
HDMI input



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.

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.

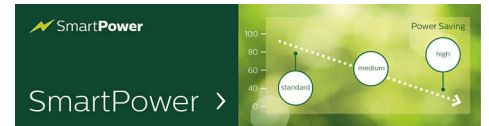
Signal loop through

Multiple screen daisy chain effectively distributes control and visual content from a single source to an array of monitors in various locations within a site.

Portrait mounting possible

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

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

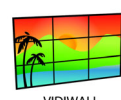
Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.



HDMI



SmartPower



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: 500 cd/m²
- Display colors: 1.06 Billion colors
- Contrast ratio (typical): 1400:1
- 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
- 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

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
- 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. 132W
- Standby power consumption: $\leq 1W$

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: 2.6 cm / 0.62 inch
- Set height (with stand): 663 mm
- Set height (with stand) (inch): 26.1 inch
- Set Width: 1022 mm
- Product weight: 19.8 kg
- Set depth (with stand): 250 mm
- Set Height: 615 mm
- Set Depth: 129 mm
- Set depth (with stand) (inch): 9.8 inch
- Set Width (inch): 40.2 inch
- Set Height (inch): 24.2 inch
- Wall Mount: 200x200mm, 400x200 mm
- Set Depth (inch): 5.1 inch
- Product weight (lb): 43.65 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, CCC, RoHS



Issue date 2024-03-25

Version: 1.0.1

EAN: 87 12581 60682 4

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