Impress and capture your audience

with a slim bezel 65" LCD

Deliver your message in the most demanding applications with this stylish 65" LCD display. Whether used in a network environment, a tiled matrix setup or as a single public display, your audience will be astonished.

Optimised for public viewing
- Full HD LCD display, 1920 x 1080p
- Slim bezel design for a stylish look
- Enhanced zoom feature supports tiled matrix applications
- Projects a high brightness picture even in daylight

Operational flexibility for different applications
- Designed for 24/7 operation
- Smart insert in the back cover to place a small PC

Lower total cost of ownership
- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions
- Advanced anti-image sticking function

Sustainable and safe
- Temperature sensor measures the health condition
- Complies with RoHS standards of care for the environment

PHILIPS

sense and simplicity

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.

Slim bezel

A slim bezel design adds a stylish look to a public display to blend in nicely in most environments. Furthermore, this design is ideal for tiled matrix video walls.

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.

High brightness

Allows daylight viewing even in large public environments with high ambient light conditions.

Designed for 24/7 operation

Public signage displays are used in the most demanding applications. The displays are therefore specifically designed and tested for heavy duty operation, even when 24/7 is required.

Smart insert

Professional PCs are part of most public signage installations. Quite often they add additional depth to the public display and a lot of cable clutter. This public display contains a Smart insert in the back cover that will fit many professional small form factor PCs. In addition, it offers provisions for efficient cable management.

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.

Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

Temperature sensor

This public display contains a temperature sensor to monitor the internal health condition. If the internal temperature exceeds the pre-set threshold, two internal fans will be automatically activated to cool down the display to normal conditions.

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: 65 inch / 165 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 2500:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.744 x 0.744 mm
- 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
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
- AV input: HDMI x 1, Composite (RCA) x 1, Composite (BNC) x 1, S-video x 1, Audio (L/R) x 2, Component (YPbPr) x 1
- AV output: Composite (BNC) x 1, Audio (L/R) x 1
- Other connections: AC-out, External loudspeaker connector

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: AC Out, Carrying Handles, Smart Insert
- Energy-saving functions:: Ambient light sensor, Smart Power
- Safety control functions:: Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Packaging:: Reusable box
- Network controllable: RS232

Dimensions
- Bezel thickness: 3.1 cm/1.22 inch
- Smart insert (WxHxD): 300 x 320 x 64
- Smart insert in inch (WxHxD): 11.81 x 11.89 x 2.52
- Set dimensions (W x H x D): 1500 x 876 x 123 mm
- Set dimensions in inch (W x H x D): 59.1 x 34.5 x 4.8 inch
- Set dimensions with stand (H x D): 1022 x 423 mm
- Set dimensions with stand in inch (H x D): 40.2 x 16.7 inch
- Product weight: 50 kg
- Product weight (lb): 110.2
- VESA Mount: 400 x 400 mm (Set), 100 x 100 mm (Smart insert)

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

Power
- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typical: 358 W
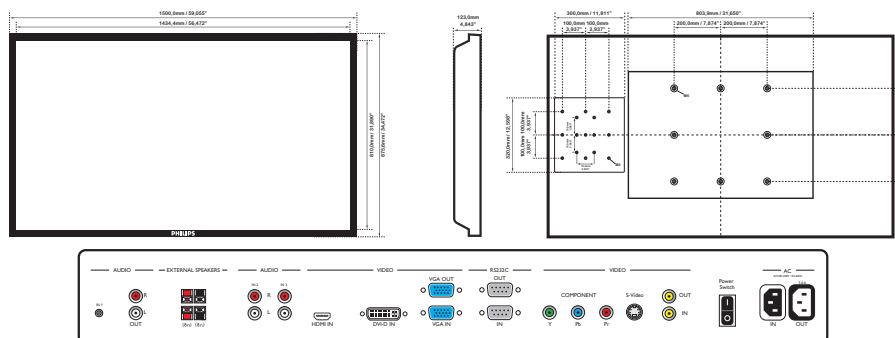- Standby power consumption: < 1 W

Sound
- Built-in speakers: 2 x 12 W (8 ohm)

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: BM05511

Miscellaneous
- Bezel: metallic anthracite
- 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, CCC, RoHS

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