Deliver your marketing messages in style

with this sleek LED display

Maximising your content delivery whilst lowering your TCO has never been so easy or stunning. This 46" display offers gorgeous full HD picture quality with lower power consumption thanks to the edge LED backlight.

Operational flexibility

- Edge LED Backlight
- DVI Out
- Many Functions. One Wire
- Network Controllability: RJ45
- Smart insert in the backcover to place a small pc
- Smart Control Software Suite
- IR Passthrough
- VGA Loopthrough
- Enhanced zoom feature supports tiled matrix applications
- Portrait mode operability
- Remote Management and Configuration via RS232

Lower total cost of ownership

- SmartPower for energy saving

PHILIPS

sense and simplicity

Highlights

Edge LED Backlight
Experience an even dispersion of light with cutting edge LED technology. White LED's (light emitting diodes) are positioned around the rim of the panel to give a more even spread of light. This results in even lower power consumption, less heat to dissipate, and a true, uniform color range.

DVI Out
Create a digital video wall of up to 25 displays in a 5 x 5 configuration with a DVI daisy chain. Simply connect the DVI Out port to a DVI in of another display to create the most stunning video wall experience around.

One Wire
Take full control of your display by running all operational commands as well as your video signal through just one single HDMI cable. This unique feature makes it so much easier and more convenient to ensure the smooth running and maintenance of your display. Consumer Electronics Control (CEC) commands make finding out vital information about your display absolute childsplay.

Smart Control
Control and manage all of the signage displays on your network with this powerful software tool which allows you to change the settings of your display centrally via an RJ45 or RS232 connection. Smart Control allows you to set the video input, modify the color settings, set the display's ID when creating video walls and even diagnose each display's status, giving you all the power you need to manage your displays from one central location.

Smart insert
Professional PC's are part of most public signage installations. Quite often they increase the overall depth to the display and cause a lot of cable clutter. So we have designed this display with Smart insert in the backcoverwhich is ideal for the integration of a professional small form factor PC. On top of that, the cable management system offers a great solution to keep your cables neat and professional looking.

VGA Loopthrough
Connect multiple displays to create a video wall of up to 150 displays via a VGA daisy chain thus enhancing your visual experience. With no additional hardware required, they are as simple to installl as they are captivating to your audience.

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.

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.

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 many different configurations, creating a stunning video wall has become simplicity itself.

IR Passthrough
Control all displays in your signage network through one single remote control, via the primary display. Simple and convenient, this means you don't have to worry about other displays changing configuration settings when using your remote control unit.

LED   RJ45   Smart Insert   Slim Bezel   SmartPower   Portrait Mounting   Full HD 1080p DISPLAY

Specifications

Picture/Display
- Panel resolution: 1920x1080p
- Brightness: 500 cd/m²
- Response time (typical): 6.5 ms
- Contrast ratio (typical): 4000:1
- Aspect ratio: 16:9
- Pixel pitch: 0.17675 x 0.53025 mm
- Display colors: 1.07 billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement
- Viewing angle (H / V): 178 / 178 degree

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
1920 x 1200	60Hz
1920 x 1080	60Hz
1600 x 1200	60Hz
1440 x 900	60Hz
1366 x 768	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60Hz
800 x 600	60, 72, 75Hz
640 x 480	60, 67, 72, 75Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz

Connectivity
- PC: RJ45, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1
- AV input: Audio (L/R) x1, Component (BNC) x1, DVI-D x1
- Other connections: Display Port, DVI Out, HDMI, AC-out

Dimensions
- Set dimensions (W x H x D): 1052.7 x 607.3 x 69 mm
- Set dimensions with stand (W x H x D): 1052.7 x 662.7 x 400 mm
- Bezel thickness: 15.8 mm

- Set weight: 22 kg
- VESA Mount: 400 x 400, 400 x 200, 200 x 200
- MTBF: 60,000 hrs

Power
- Consumption (On mode): TBD
- Power supply: 90-264 VAC, 50/60 Hz
- Standby power consumption: <0.5W

Convenience
- Placement: Landscape, Portrait
- Picture in picture:: PBP, PIP, POP
- Network controllable: RJ45, RS232, HDMI (One Wire)
- Signal Loop Through:: DVI, VGA, RS232, IR Loopthrough
- Energy saving functions:: Smart Power
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Keyboard control:: Hidden, Lockable
- Other convenience: Carrying handles
- Packaging:: Reusable box
- OSD Languages: English, French, German, Italian, Portuguese, Spanish, Dutch, Polish, Turkish, Simplified Chinese, Russian, Swedish
- Tiled Matrix: Up to 5 x 5

Sound
- Built-in speakers: 2 x 10W RMS

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

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Stand: BM05462 Optional

Miscellaneous
- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, CSA, GOST, BSMI, EPEAT
- Warranty: 3 year warranty

Packaging dimensions
- EAN: 87 12581 64632 5
- Number of products included: 1
- Packaging type: Carton

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