Create stunning video walls

with the zero-bezel 46" LCD display

Deliver your messages on eye catching video walls up to 5 x 5 units which are guaranteed to make your audience stop and stare

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

Optimized for public viewing
- Slim bezel design for a stylish look
- Advanced in factory color calibration

Operational flexibility
- Enhanced zoom feature supports tiled matrix applications
- Smart insert in the backcover to place a small pc
- Remote Management and Configuration via RS232

Sustainable and safe
- Temperature sensor measures the health condition
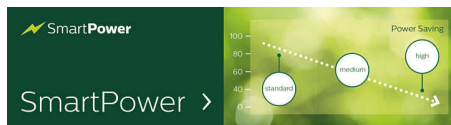
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Highlights

Slim bezel

A slim bezel design adds a stylish look to a public display to nicely blend in just about any environment. Furthermore this design makes the display ideal for tiled matrix video walls.

Advanced color calibration

Whether installing a video wall in a 3x3, 2x4 or 5x5 set up, you want the color performance of each image to be consistent in each display used. Therefore each display is specially calibrated in the factory to meet the highest standard of advanced video walls.

SmartPower

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 dispay contains a temperature sensor to monitor the internal health condition. In case the internal temperature surpasses the preset threshold, automatically two internal fans will be 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 in LCD displays is not permanent, you want to prevent this to happen, especially in locations where content is shown 24/7.

Remote Management:: RS232

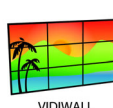Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.

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.

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 back cover which 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.

Slim Bezel   SmartPower   VIDIWALL   Smart Insert   DVI digital visual interface   HD ready   Portrait Mounting   Lead Free

Specifications

Picture/Display
• Diagonal screen size (metric): 117 cm
• Diagonal screen size (inch): 46 inch
• Aspect ratio: 16:9
• Panel resolution: 1366 x 768p
• Pixel pitch: 0.63 x 0.63
• Optimum resolution: 1360 x 768 @ 60Hz
• Brightness: 450 cd/m²
• Display colors: 16.7 Million colors
• Contrast ratio (typical): 3000:1
• Response time (typical): 8 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
• Other connections: External loudspeaker connector

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, Smart Insert
• Energy saving functions: Ambient light sensor, Smart Power
• Safety control functions: Heat Control, Temperature Sensor
• Picture performance: Advanced color control
• Network controllable: RS232
• Packaging: Reusable box

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

Power
• Consumption (On mode): Typ. 165.5W
• 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: 2.4mm bottom/right, 4.3mm top/left
• Smart Insert mount: 200 x 280 x 55 mm
• Smart insert in inch (WxHxD): 7.9 x 11.0 x 2.17 inch
• Set Width: 1026 mm
• Product weight: 27.5 kg
• Set Height: 578 mm
• Set Depth: 133 mm
• Set Width (inch): 40.4 inch
• Set Height (inch): 22.8 inch
• Wall Mount: 400x200mm (Set), 100x100mm (Smart insert)
• Set Depth (inch): 5.2 inch
• Product weight (lb): 60.6 lb
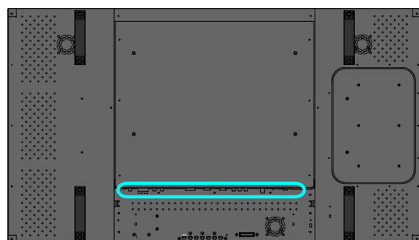
Operating conditions
• Temperature range (operation): 0 - 40 °C
• MTBF: 50.000 hour(s)
• Relative humidity: 5 - 90 %

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, Table top stand

Miscellaneous
• 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, UL/cUL

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