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

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

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

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

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sense and simplicity

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

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.
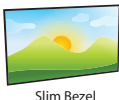
Temperature sensor

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.

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.

HD ready

Slim Bezel

VIDIWALL

Smart Insert

SmartPower

Portrait Mounting

DVI digital visual interface

Lead Free!

LCD monitor
117 cm (46") HD Ready

Specifications

Picture/Display
- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1366 x 768p
- Optimum resolution: 1360 x 768 @ 60Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 3000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63
- Display colors: 16.7 Million colors
- 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, 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

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

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
- 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
- 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
- Packaging:: Reusable box
- Network controllable: RS232
- Remote control signal:: Lockable

Dimensions
- Bezel thickness: 2.4mm bottom/right, 4.3mm top/left
- Smart insert (WxHxD): 200 x 280 x 55 mm
- Smart insert in inch (WxHxD): 7.9 x 11.0 x 2.17 inch
- Set dimensions (W x H x D): 1026 x 578 x 133 mm
- Set dimensions in inch (W x H x D): 40.4 x 22.8 x 5.2 inch
- VESA Mount: 400x200mm (Set), 100x100mm (Smart insert)
- Product weight: 27.5 kg
- Product weight (lb): 60.6

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

Power
- Consumption (On mode): Typ. 165.5W
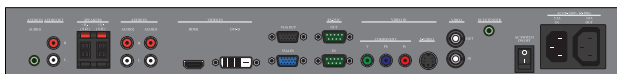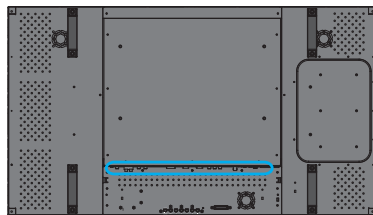- Standby power consumption: < 1W

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, Table top stand

Miscellaneous
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS, UL/cUL
- Warranty: Europe/North America: 3 years

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