

DS-D4212FI-GW Full-Color LED Display Unit



Features and Functions

Perfect dot-by-dot display without distortion

- Easily form a standard 1920 × 1080 screen, achieving high definition dot-by-dot display.
- Automatically adapt signal sources to screens without the help of a video processing equipment.

Complete interfaces

- HDMI, DVI, and DP inputs.
- Network interface output.
- Remote configuration via the debugging network interface.

High load capacity

A signal input of 4K resolution at 30 Hz, and an output of up to 4K resolution for a single device.

Image enhancement

- Unique 3-pixel technology enhances images three-dimensionally.
- Dynamically enhance image parameters such as contrast, sharpness, saturation, color temperature, and color gamut to get more vivid.

Easy to use

- Use the buttons on the panel of sending card to adjust brightness and switch signal.
- Use the remote controller to navigate through menu.
- Compatible with Hikvision tablet keyboards for remote operation.

Safe and reliable

- Automatically remove moisture to protect lamp boards from water damage when the device is kept in a humid environment or left unused for a long time.
- Back up signals to maintain a reliable system.



Easy to install

- Three-axis XYZ structure is designed to perfectly adjust the smoothness of the entire screen.
- Rapidly eliminate bright and dim lines without the help of a dedicated device or operation.

Specifications

Model	DS-D4212FI-GW
Pixel Configuration	Surface mounted trinity LED
Encapsulation Brand	NationStar gold wire
Driver IC	MBI5153
Housing Included	Yes
Power Supply Brand	Megmeet
Control System	Hikvision-developed
Pixel Pitch	1.27 mm
Dimensions (W×H×D)	609.92 × 343.08 × 75 mm (24.0 × 13.5 × 2.95 inch)
Packing Dimensions (W×H×D)	796 × 484 × 192 mm (31.33 × 19.05 × 7.56 inch)
Resolution	480 × 270
Pixel Density	619,350 pitch/ m ²
Area	0.209 m ²
Aspect Ratio	16:9
Material	Sealed die casting aluminum
Maintenance Method	Magnet front maintenance for lamp boards, and rear maintenance for power supply and receiving card
Max. Brightness	500 nits
Brightness Control	Manual/Automatic/Remote controller
Color Temperature	3000 to 6000 adjustable
Viewing Angle	Horizontal 160°, vertical 160°
Optimal Viewing Distance	4 m
Center Distance Deviation of LED	< 3%
Brightness Uniformity	≥ 97%
Color Uniformity	≤ ± 0.003Cx, Cy
Contrast	≥ 3000:1
Driving Mode	Constant current driving
Frame frequency	60 Hz
Refresh Rate	3840 Hz
Power Supply	100 to 240 VAC
Max. Consumption	≤ 850 W/m ²
Average Consumption	< 280 W/m ²
Operating Temperature	-10°C to 40°C (14°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Operating Humidity	10% to 80% (non-condensing)
Storage Humidity	10% to 85% (non-condensing)
Gross Weight	9.8 kg (21.6 lb including packaging)
Wet Weight	9.3 kg (20.5 lb)

*: All specifications mentioned above are subject to the actual product.

Recommended Accessory



DS-D42C04-H Sending Card

Distributed by



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