

DS-D4212FI-GWF **Full-Color LED Display Unit**

New generation small pitch indoor full-color LED display. LED video wall features in seamlessness, high brightness/contrast, wide viewing angle, and accurate color restoration, achieving good visual effect. Widely used in places such as monitoring center, command center, conference room, report hall, and exhibition hall.



Features and Functions

Image stitching technology

- Freely stitch horizontal and vertical images, achieving seamless display.
- Easily form standard 1920 × 1080 and 3840 × 2160 screens, achieving high definition dot-by-dot display.
- Automatically adapt signal sources to screens without the help of a video processing equipment.
- Easy to optimize low-pixel images in sharpness, contrast and saturation with Pix Master background image processing technology.
- Dynamically enhance image parameters such as contrast, sharpness, saturation, color temperature to get more vivid.
- Match sending card with 3D glasses set (optional), achieving 3D visual effect.

High load capacity

A signal input of 4K resolution at 60 Hz, and an output of up to 4K resolution for a single device.

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.

Complete interfaces



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

Easy to install

- Modular unit structure, disassemble light board, power supply, receiving card on the front side.
- Cable-free connection between cabinets, high precise customized connectors and anti-dropping safety locks are used inside cabinets.
- 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.

Model		DS-D4212FI-GWF
Cabniet	Pixel structure	Surface mounted trinity LED
	Pixel pitch	1.25 mm
	Modules component	1 × 2
	Dimensions	600 (W) × 337.5 (H) × 61 (D) mm (23.62 × 13.29 × 2.40 inch)
	Resolution	480 × 270
	Area	0.2 m ²
	Weight	8.3 kg (18.3 lb)
	Pixel density	640000 ppi
	Cabinet material	Sealed die casting aluminum
	Maintenance method	Front maintenance for all components. Power supply can be maintained from both front and rear.
	Cabinet flatness	<0.05 mm
Display	White balance brightness	600 cd/m ²
	Color temperature	3000 to 6000 adjustable
	Viewing angle	Horizontal 160°, vertical 160°
	Contrast ratio	≥ 3000:1
	Brightness uniformity	≥ 97%
	Color uniformity	≤ ± 0.003Cx, Cy
Processing Performance	Driving method	Constant current driving
	Frame frequency	60 Hz
	Refresh rate	Up to 3840 Hz
	Grey level	Up to 16 bit
Electrical	Power supply	100 to 240 VAC ± 15%
	Max. consumption	≤ 750 W/m ²
	Average consumption	< 280 W/m ²
General	Working temperature	−10°C to 40°C (14°F to 104°F)
	Working humidity	10% to 80% RH (non-condensing)
	Storage temperature	−20°C to 60°C (−4°F to 140°F)
	Storage humidity	10% to 85% RH(non-condensing)
	Package dimensions	796(H) × 484(W) × 192(D) mm (31.33 × 19.05 × 7.56 inch)
	Gross weight	9.8 kg (21.6 lb including packaging)

spec_tip

All parameters mentioned above are subject to the actual product.

Accessory



DS-D42C04-H Sending Card

Distributed by



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