

## DS-D4212FI-MWF/III Full-Color LED Display

DS-D4212FI-MWF/III is the new generation small pixel 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. It is widely used in places such as monitoring center, command center, conference room, report hall, and exhibition hall.



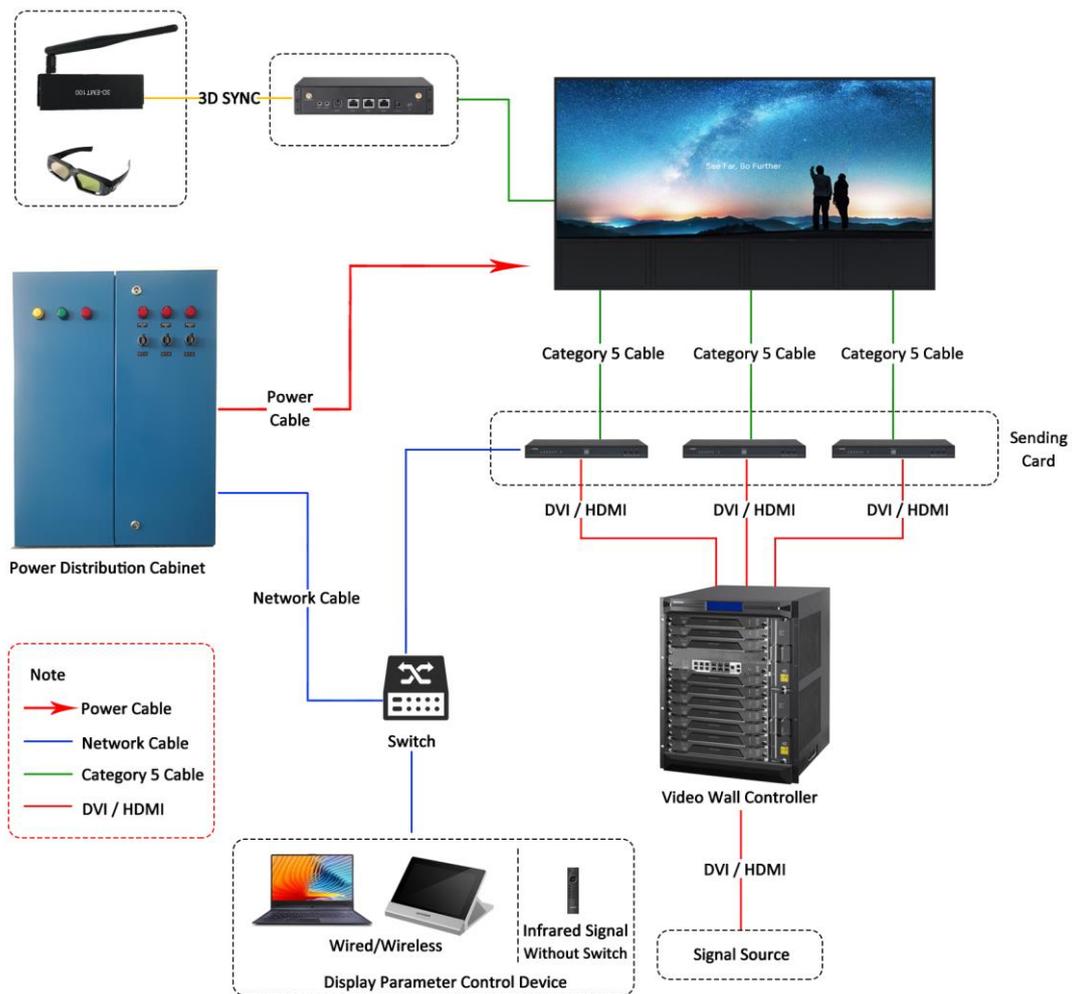
- Seamlessly splice images in rows and columns.
- Easily form standard 1920 × 1080 and 3840 × 2160 screens, achieving high definition dot-by-dot display.
- Automatically adapt signal sources to screens without the help of a video processing equipment.
- Easily optimize images with low resolution by improving definition, contrast and saturation with Pix Master technology.
- Dynamically enhance image parameters such as contrast, sharpness, saturation, color temperature and gamut to get the image more vivid.
- A signal input of 4K resolution at 30 Hz, and an output of up to 4K resolution for a single device.
- Use the buttons on the panel of sending card to adjust brightness and switch signal.
- Use the Hikvision remote control (optional) to navigate through menu after access to the multi-functional card.
- 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 and power supplies (optional) to maintain a reliable system.
- Real-time cabinet temperature and voltage checking to guarantee product safety.
- Use the sending card to input HDMI, DVI, and DP signals.
- Network interface output.
- Remote configuration via the debugging network interface.
- Easy to disassemble lamp board, power supply, and receiving card on the front side with modular unit structure.
- Precise fool-proof design of lamp boards with magnetic adsorption to prevent wrong installation.
- Three-axis XYZ structure designed to perfectly adjust the flatness of the entire screen.
- Rapidly eliminate bright and dim lines with no need of professional equipment or operations.



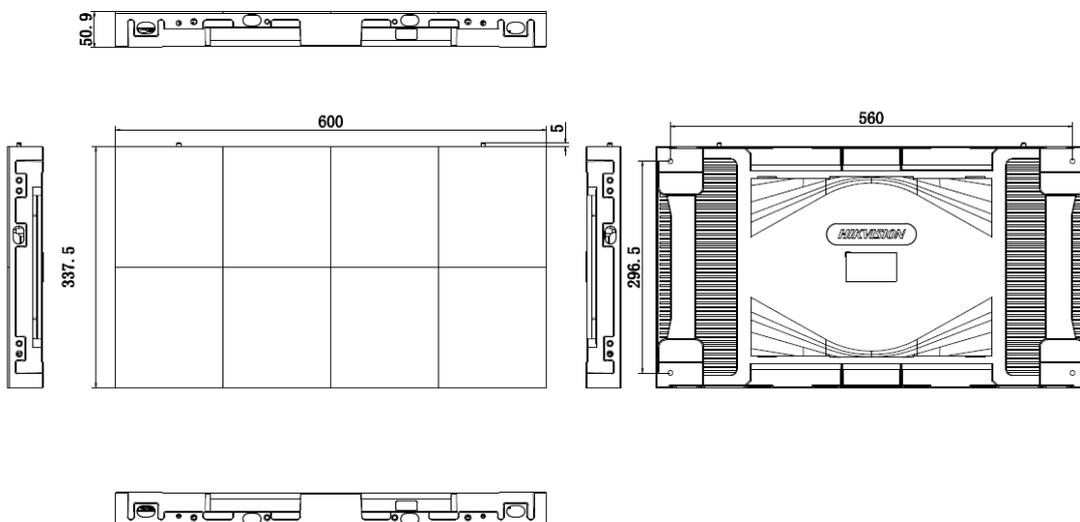
## ▪ Specification

Model		DS-D4212FI-MWF/III
<b>Cabinet</b>	Pixel Configuration	SMD Triad LED
	Pixel Pitch Category	P1.2
	Pixel Pitch	1.25 mm
	Lamp Dimensions	1.0 × 1.0 mm
	Modules Component	2 × 4
	Dimensions (W × H × D)	600 mm × 337.5 mm × 50.9 mm (23.62" × 13.29" × 2.00")
	Resolution	480 × 270
	Area	0.2 m <sup>2</sup>
	Weight	5.4 Kg (11.9 lb)
	Pixel Density	640000 dots/m <sup>2</sup>
	Lamp Board Housing	With housing
	Cabinet Material	Magnalium
	Maintenance Method	Front maintenance for all components
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP60
<b>Key Material</b>	Lamp Encapsulation	Nationstar 1010
	Driver IC	ICN2065
	Control System	DS-D42C04-H、DS-D42C08-H、DS-D42C16-H
<b>Display</b>	White Balance Brightness	800 cd/m <sup>2</sup>
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°
	Contrast Ratio	≥ 5000:1
	Color Uniformity	≤ ± 0.003Cx, Cy
	Brightness Uniformity	≥ 97%
<b>Processing Performance</b>	Driving Method	Constant current driving
	Frame Frequency	60 Hz
	Refresh Rate	Up to 3840 Hz
	Grey Level	Up to 16 bit
	Display Color	281 trillion
<b>Power</b>	Power Supply	110~220 VAC ± 15%
	Max. Consumption	≤ 600 W/m <sup>2</sup>
	Average Consumption	< 200 W/m <sup>2</sup>
<b>Working Environment</b>	Working Temperature	-10-40 °C
	Working Humidity	10%~60%RH
	Storage Humidity	10%~85%RH
	Storage Temperature	-20~60 °C
<b>General</b>	Gross Weight	9.6 Kg (21.2 lb)
	Package Dimension (W × H × D)	796 mm × 484 mm × 192 mm (31.33" × 19.05" × 7.56")
	Lifespan	Lamp 100,000 hours

▪ Typical Application



▪ Dimension



▪ **Accessory**

▪ **Optional**



▪ **Available Model**

DS-D4212FI-MWF600\*337.5MM

DS-D4212FI-MWF/A

Distributed by



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