

DS-D4429RI-CQF



DS-D4429RI-CQF is the new generation indoor full-color rental LED display. LED display 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 Stage performances, hotel weddings, festival celebrations, exhibitions, etc.

- Excellent in precision, heat dissipation, toughness, and solidity with the die-casting aluminum cabinet design.
- 500 mm × 500 mm cabinet with multiple dot pitches available and both indoor and outdoor scenarios applicable.
- Front maintenance available with the magnetic suction design, and quick front maintenance and installation achievable with the fixed installation of module at any position.
- 10-seconds replacement achievable with power supply, display controller, and adapter board integrated.
- Fast locking from the top, bottom, left, and right; 2-seconds locking for adjacent cabinets; convenient wiring with aviation plugs.
- Pendant mounting and standing available for installation.
- Free of fans and noise with excellent heat dissipation.
- High refresh rate (up to 3840 Hz) and high grey scale.



▪ Specification

Model		DS-D4429RI-CQF
Cabinet	Pixel Configuration	SMD Triad LED
	Pixel Pitch Category	P2.9
	Pixel Pitch	2.971 mm
	Lamp Dimensions	2.1 × 2.1 mm
	Modules Component	2 × 2
	Dimensions (W × H × D)	500 mm × 500mm × 90 mm
	Resolution	168 × 168
	Area	0.25 m ²
	Weight	7.9 Kg
	Pixel Density	112896 dots/m ²
	Lamp Board Housing	with housing
	Cabinet Material	Die-cast aluminum
	Cabinet Flatness	0.2 mm
	Protection Level	Front/Rear protection level IP45
Key Material	Lamp Encapsulation	SMD2121
	Driver IC	ICN2153
	Control System	Novastar
Display	White Balance Brightness	800 cd/m ²
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 120°, vertical 120°
	Contrast Ratio	≥ 6000:1
	Color Uniformity	≤ ± 0.003Cx, Cy
	Brightness Uniformity	≥ 97%
Processing Performance	Driving Method	Constant current driving
	Frame Frequency	60 Hz

	Refresh Rate	3840 Hz
	Grey Level	14 bit
	Display Color	281 trillion
Power	Power Supply	220 VAC ± 15%
	Max. Consumption	≤ 450 W/m ²
	Average Consumption	≤ 135 W/m ²
Working Environment	Working Temperature	-20-50 °C
	Working Humidity	10%~80%RH
	Storage Humidity	10%~80%RH
	Storage Temperature	-20~60 °C
General	Gross Weight	85 Kg
	Package Dimension (W × H × D)	560 mm × 570 mm × 660 mm (6 IN 1)
	Lifespan	Lamp 100,000 hours



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