

## RNM SERIES

### STAGE-READY INDOOR RENTAL LED DISPLAY

Featuring quick installation and easy maintenance, with a 7680Hz refresh rate and 4000:1 contrast ratio, the RNM Series delivers true-to-life images and reliable performance, while its 45° edge-cutting design and adjustable angle configurations from outer -10° to inner +10° help you realize creative curved installation effortlessly. Additionally, the series offers a versatile range of pixel pitches from 1.9mm to 3.9mm, ensuring optimal performance for different application requirements.



#### Highlights



##### Quick Installation and Easy Maintenance

The RNM series offers versatile installation options, supporting both front and rear installation and maintenance, wall-mounting and hanging are selectable, this display is designed to seamlessly adapt to a wide range of application scenarios.



##### Eye-catching Display

Boasting 1100nits brightness, a remarkable 7680Hz refresh rate, and 4000:1 contrast ratio, the display delivers exceptionally vibrant colors and produces stunning, visually captivating imagery.



##### Energy-saving and Low Power Consumption

The display incorporates an energy-efficient 4.5V low-power design, significantly reducing energy consumption and resource utilization, thereby ensuring cost-effective operation with minimal environmental impact.



##### Durable and Trustworthy

The RNM series features an innovative modular architecture, integrating power and signal distribution systems within a unified rear cover, enabling independent hot-swappable functionality for enhanced maintenance efficiency.



##### Creative Curved Installation

The RNM features a 45° edge-cutting design on both sides, facilitating seamless 90° arc formation for immersive display configurations. It offers adjustable angle configurations from outer -10° to inner +10° to create a curved screen with high flatness.



##### Anti-collision Design

The display features a comprehensive protection system, including an high-brimmed face shield that safeguards LED modules from frontal impacts, complemented by flip-over protective corners around the cabinet to effectively protect the edge LED.



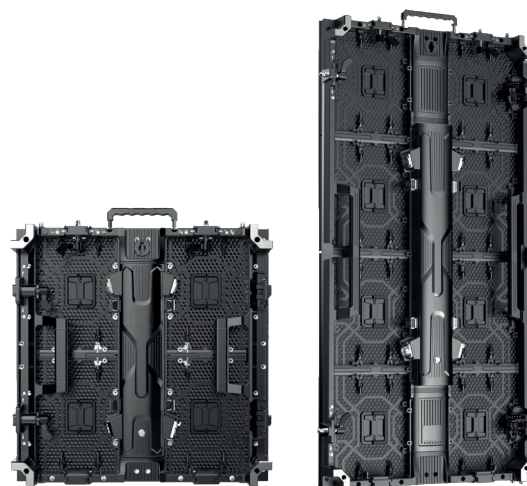
##### Dual Backup Interface

The RNM series features default aviation plug, and quad-port network architecture enables dual backup signal, to make sure that the signal can be switched to the backup signal in a timely manner, ensuring the continuity and stability of the displayed content.



##### Stability in Extreme Environments

The RNM series has passed rigorous certification testing, including vibration, temperature, and high-voltage grounding insulation, ensuring exceptional reliability even in harsh environments.



## Specifications

## RNM029FE

Pixel Pitch	2.976mm
Pixel Configuration	SMD Copper Wire SMD1515
Module Resolution (W x H)	84 x 84
Module Dimension (W x H)	250 x 250mm / 9.84 x 9.84inch
Cabinet Resolution W x H)	168 x 168 / 168 x 336
Cabinet Dimension (W x H x D)	500 x 500 x 75mm 19.69 x 19.69 x 2.95inch 500 x 1000 x 75mm 19.69 x 39.37 x 2.95inch
No. of Modules per Cabinet (W x H)	2 x 2 / 2 x 4
Cabinet Weight	6.5kg / 14.33lbs 12kg / 26.45lbs
Cabinet materials	Die-cast Aluminium
Brightness (typ.)	1000 / 1100 nits
Contrast Ratio	4,000 : 1 (According to the current Hisense test environment)
Visual Viewing Angle (H x V)	150° x 140°
Bit Depth	14 bit
Colour Temperature	6500K ± 500K
Max Power Consumption per Cabinet	163W (500 x 500mm) / 325W (500 x 1000mm)
Avg Power Consumption per Unit Area	50 (500 x 500mm) / 100 (500 x 1000mm)
Max Power Consumption per Unit Area	650 W/m <sup>2</sup>
Avg Power Consumption per Unit Area	200 W/m <sup>2</sup>
Power Supply	100~240 V AC
Refresh Rate	7680 Hz
Operating Temp / Humidity	-10~40°C / 10~80% RH
Storage Temp / Humidity	-20~50°C / 10~85% RH
IP Rating	Front IP30 & Rear IP30
Lifetime	100,000 Hrs
Maintenance	Module Front & Rear Access / Power Supply Rear Access

Display Dimensions

