

## 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.



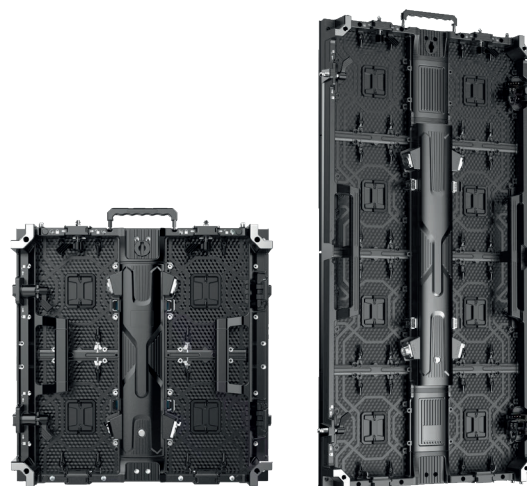
##### Dual Backup Interface

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

## RNM019FE

|                                    |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| Pixel Pitch                        | 1.953mm                                                                                       |
| Pixel Configuration                | SMD Copper Wire (with GOB)<br>SMD1515                                                         |
| Module Resolution (W x H)          | 128 x 128                                                                                     |
| Module Dimension (W x H)           | 250 x 250mm / 9.84 x 9.84inch                                                                 |
| Cabinet Resolution W x H)          | 256 x 256 / 256 x 512                                                                         |
| Cabinet Dimension (W x H x D)      | 500 x 500 x 75mm<br>19.69 x 19.69 x 2.95inch<br>500 x 1000 x 75mm<br>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<br>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              | 600 (W/m <sup>2</sup> )<br>150 / 300 (W/Cabinet@500 x 500 mm / 500 x 1,000 mm)                |
| Avg Power Consumption              | 200 (W/m <sup>2</sup> )<br>50 / 100 (W/Cabinet@500 x 500 mm / 500 x 1,000 mm)                 |
| Max Heat Generation                | 2,047 (BTU/m <sup>2</sup> )<br>512 / 1,024 (BTU/Cabinet@500 x 500 mm / 500 x 1,000 mm)        |
| Avg Heat Generation                | 682 (BTU/m <sup>2</sup> )<br>171 / 341 (BTU/Cabinet@500 x 500 mm / 500 x 1,000 mm)            |
| 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

