

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.



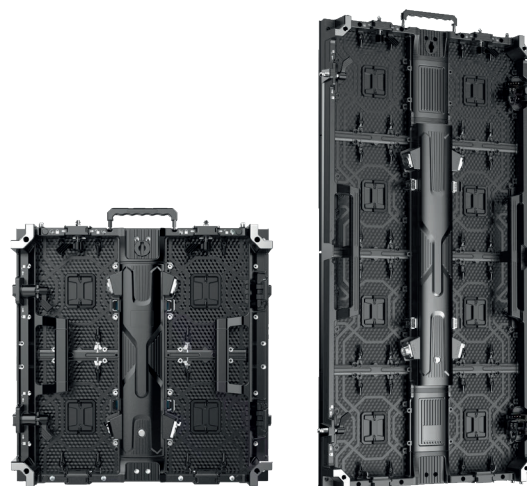
Dual Backup Interface

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	600 (W/m ²) 150 / 300 (W/Cabinet@500 x 500 mm / 500 x 1,000 mm)
Avg Power Consumption	200 (W/m ²) 50 / 100 (W/Cabinet@500 x 500 mm / 500 x 1,000 mm)
Max Heat Generation	2,047 (BTU/m ²) 512 / 1,024 (BTU/Cabinet@500 x 500 mm / 500 x 1,000 mm)
Avg Heat Generation	682 (BTU/m ²) 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

