

RNMGE SERIES

INDOOR RENTAL LED DISPLAY

Designed for indoor rental applications, the RNMGE series delivers vivid, immersive visuals with exceptional durability and wide viewing comfort. Adjustable angle locks (optional) enable fast and precise curved configurations, while the fast-lock mechanism ensures quick and efficient installation. The 1,000 N load-rated climbing structure simplifies installation and maintenance, making it a robust, flexible, and highly efficient solution for exhibitions, conferences, and events.

Highlights

Flexible Creative Configurations[1]

The RNMGE series supports seamless straight, concave, and convex configurations, with adjustable angle locks* from -6° to +6° (3° increments) for fast curved installations and versatile indoor display designs.

Robust and Durable

Built with a high-strength cabinet structure, the display supports up to 100 kg of climbing load capacity and has passed rigorous hoisting and tensile strength tests, ensuring dependable performance in demanding, high-frequency rental applications.

Superior Visual Performance

High refresh rate and contrast ratio deliver smooth, flicker-free images, while 14-bit color depth ensures vivid and captivating image quality—ideal for exhibitions, conferences and events.

Simplified and Reliable Maintenance

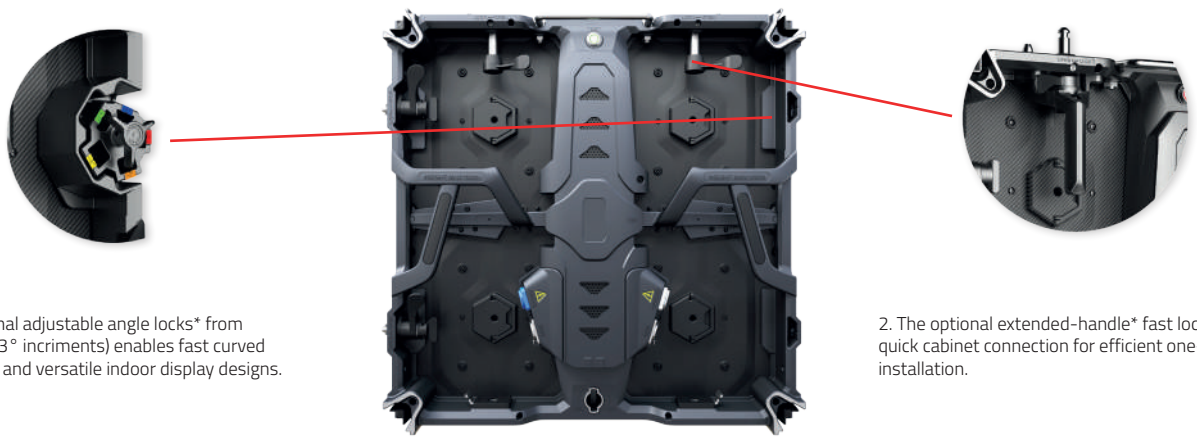
Magnetic modules and an integrated climbing frame streamline installation and servicing, reducing maintenance time, labor requirements, and space constraints.

Lightweight and Fast Installation

Featuring a die-cast aluminum cabinet, the system supports both hanging and stacking. A fast-lock[2] mechanism enables quick setup, significantly improving installation efficiency.

Comprehensive Protection Design

Featuring reinforced corner protection, anti-collision module edges, and an elevated cabinet structure, the design effectively minimizes the risk of LED damage during transportation, installation, and on-site operation.



1. The optional adjustable angle locks* from -6° to +6° (3° incriments) enables fast curved installations and versatile indoor display designs.

2. The optional extended-handle* fast lock enables quick cabinet connection for efficient one-person installation.

Standard Cabinet

*Optional

Specification subject to change | August 2026

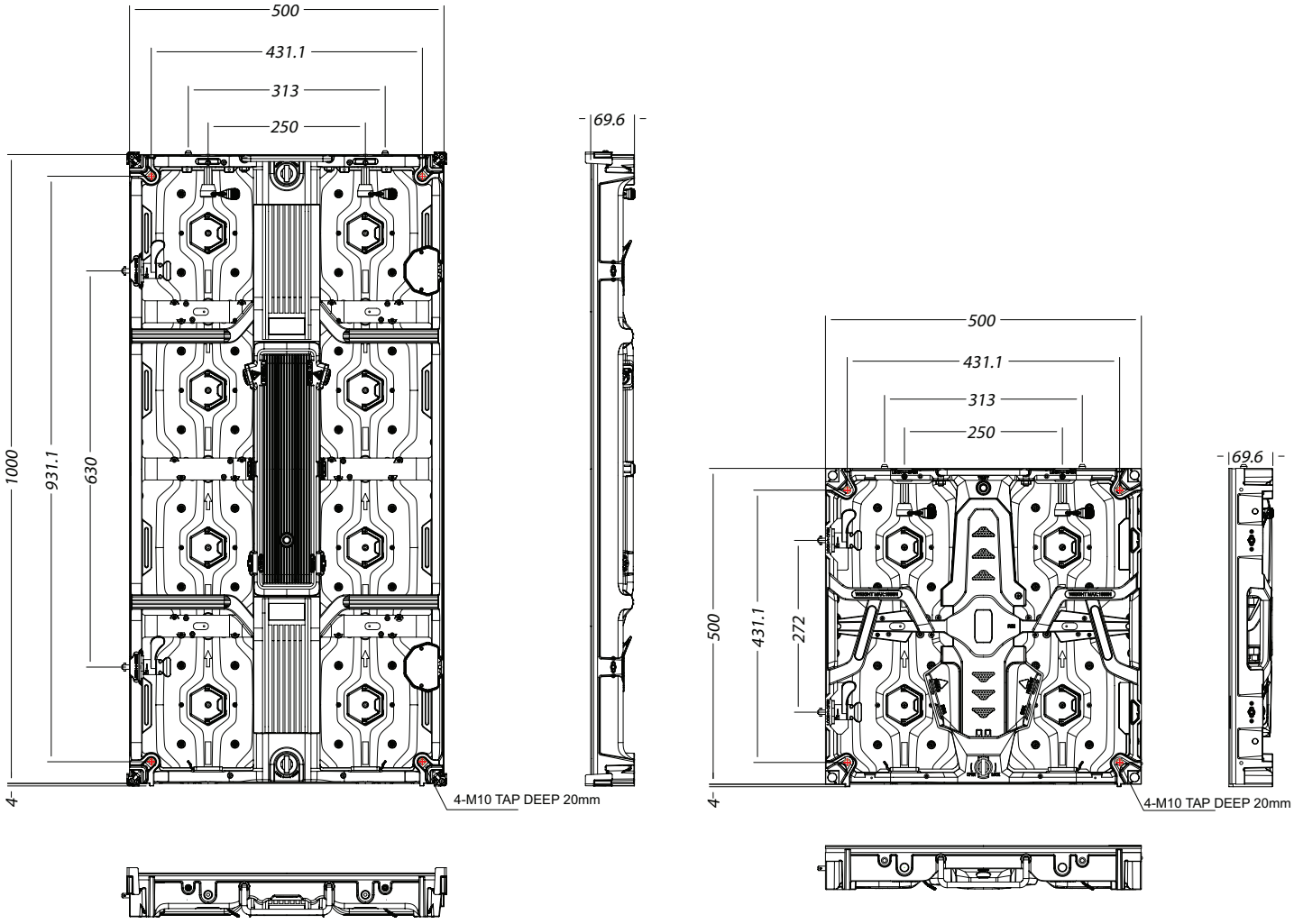
Specifications

RNMGE Series

Model	RNM019GE	RNM026GE	RNM029GE	RNM039GE
Pixel Pitch	1.953 mm	2.604 mm	2.976 mm	3.91 mm
Pixel Configuration	SMD1212	SMD1515	SMD2121	SMD2121
Module Resolution (W x D)	128 x 128	96 x 96	84 x 84	64 x 64
Module Dimension (W x H)	250 x 250 mm			
Cabinet Resolution (W x H)	256 x 256	192 x 192 / 192 x 384	168 x 168 / 168 x 336	128 x 128 / 128 x 256
Cabinet Dimension (W x H x D)	500 x 500 x 70 mm	500 x 500 x 70 mm 500 x 1,000 x 71 mm	500 x 500 x 70 mm 500 x 1,000 x 71 mm	500 x 500 x 70 mm 500 x 1,000 x 71 mm
No. of Modules per Cabinet (W x H)	2 x 2	2 x 2 / 2 x 4	2 x 2 / 2 x 4	2 x 2 / 2 x 4
Cabinet Weight	7.5 kg	7.5 kg / 12.7 kg	7.5 kg / 12.7 kg	7.5 kg / 12.7 kg
Cabinet Materials	Die-Casting Al			
Curve Adjustment (Optional)	-6°~+6° (3° step)			
Miter Cut (Optional)	45° (500 x 500 mm)			
Brightness (typ.)	800 nits			
Contrast Ratio	8,000:1			
Visual Viewing Angle (H x V)	160° x 140°			
Bit Depth	14 bit (14~16 bit (Customizable)			
Color Temperature	8,000K ± 500K			
Video Frame Rate	60 Hz			
Max Power Consumption	500 (W/m^2)			
Avg Power Consumption	170 (W/m^2)			
Max Heat Generation	1706 (BTU/m^2)			
Avg Heat Generation	580 (BTU/m^2)			
Power Supply	100~240 V AC			
Refresh Rate	3,840 Hz (7,680 Hz Customizable)			
Operating Temp / Humidity	-20~45°C / 10~90% RH			
Storage Temp / Humidity	-20~50°C / 10~65% RH			
IP Rating	Front IP20 & Rear IP20			
Lifetime	100,000 Hrs			
Certification	CE, CB, FCC			
Maintenance	Module Front & Rear Access / Power Supply Rear Access			

* According to the current Hisense test environment
** Product specifications may vary per region, and specifications are subject to change. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.

Dimensions



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