Hisense

ROM SERIES
MAINSTREAM OUTDOOR RENTAL LED DISPLAY

The ROM series feature a brightness of 4500nits, a refresh rate of up to 7680Hz, and a contrast ratio of 4000:1, brings every scene to life with stunning clarity, vibrant colors, and seamless motion that captivates audiences and elevates any visual presentation to an extraordinary level. With front and rear IP65 waterproofing, modular power and signal design, it is highly durable and reliable in various outdoor environments.

Highlights

Quick Installation and Easy Maintenance

The ROM 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.

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.

Creative Curved Installation

The ROM 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.
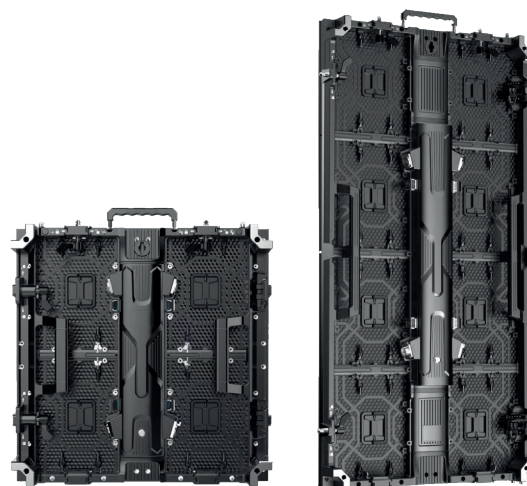
Stability in Extreme Environments

The ROM series is UV resistant and achieves V0 flame retardant rating. Gone through vibration, temperature, and high-voltage grounding insulation tests, it ensures reliable performance in harsh environments.

Eye-catching Display

Boasting 4500nits brightness, a remarkable 7680Hz refresh rate, and 4000:1 contrast ratio, the display delivers exceptionally vibrant colors and produces stunning, visually captivating imagery.

Durable and Trustworthy

The ROM 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.

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.

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Specifications

ROM039FE

Pixel Pitch	3.91mm
Pixel Configuration	SMD Copper Wire SMD1919
Module Resolution (W x H)	64 x 64
Module Dimension (W x H)	250 x 250mm / 9.84 x 9.84 inch
Cabinet Resolution (W x H)	128 x 128 / 128 x 256
Cabinet Dimension (WxHxD)	500 x 500 x 75mm / 19.69 x 19.69 x 2.95 inch 500 x 1000 x 75mm / 19.69 x 39.37 x 2.95 inch
No. of Modules per Cabinet (WxH)	2 x 2 / 2 x 4
Cabinet Weight	6.5kg / 14.33lbs 12kg / 26.45lbs
Cabinet materials	Die-casting Aluminium
Brightness (typ.)	4500 nits
Contrast Ratio	4000:1 (According to the current Hisense test environment)
Visual Viewing Angle (H x V)	150° x 140°
Bit Depth	14 bit
Colour Temperature	6500K $\pm$ 500K
Max Power Consumption per Cabinet	163W (500 x 500mm) / 325W (500 x 1000mm)
Avg Power Consumption per Cabinet	75 (500 x 500mm) / 150 (500 x 1000mm)
Max Power Consumption per Unit Area	800 W/m^2
Avg Power Consumption per Unit Area	300 W/m^2
Power Supply	100~240 V AC
Refresh Rate	7680 Hz
Operating Temp / Humidity	-20~50°C / 10~80% RH
Storage Temp / Humidity	-40~60°C / 10~85% RH
IP Rating	Front IP65 & Rear IP65
Lifetime	100,000 Hrs
Certification	CE, CB, FCC, cETLus Under Processing
Maintenance	Module: Front & Rear Access / Power Supply: Rear Access

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Display Dimensions

500

74.5

500

500

74.5

1000