MGC-3.91-V76-25

OUTDOOR LED MODULE FOR COMPOSITE SCREENS FOR RENTAL 3.91 MM PITCH 1000X500MM

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Magic Series: The Modular LED Screen Designed for Rental

The Magic series is the ideal solution for the rental industry, combining advanced technology, reliability, and practicality. Designed for quick and intuitive installation, it optimizes time and reduces operational costs during events.

Crafted with a **durable die-cast aluminum structure**, the Magic series features an **innovative 125x500 mm tile format** that minimizes gaps between modules and reduces the need for connectors, ensuring greater continuity and easier assembly.

Equipped with **Nationstar SMD 1921 LEDs**, it delivers reliability, long lifespan, and superior visual quality, with vivid and sharp images that enhance every detail. Available in various formats and configurations, with the possibility of curved installations, it is perfect for indoor and outdoor events, meeting the needs of professionals and operators in the rental industry.

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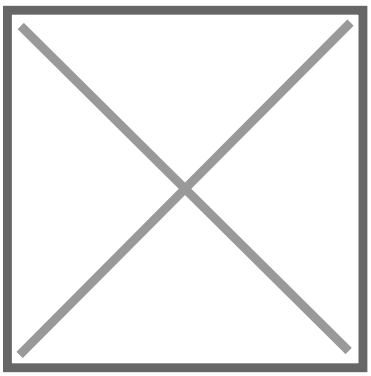
HIGHLIGHTS

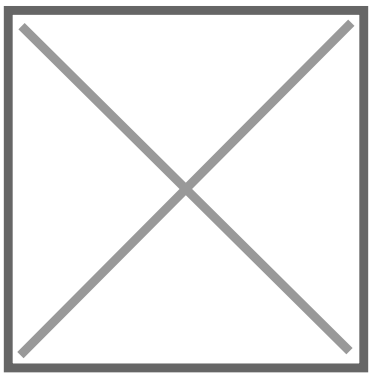


PORTABILITY, RESISTANCE, AND EASE OF USE IN ONE HIGH-PERFORMANCE CABINET SOLUTION

Magic die-cast aluminum cabinet is **lightweight** at just 7kg and a slim 65mm profile **saves space** for easy transportation. Its reinforced "multi-rib" structure ensures **resistance and durability**. The innovative "zip tie hole" mechanism makes **installation quick and secure.**

INNOVATIVE TILE DESIGN ELIMINATING CROSS SEAMS AND REDUCING CONNECTIONS

The innovative tile design 500x125mm is meticulously designed to **eliminate vertical gaps and significantly minimize the risk of edge bumps**, offering a seamless viewing experience. By **reducing the number of connectors**, our innovative approach ensures enhanced rielability



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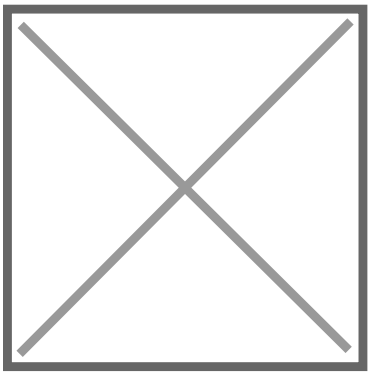


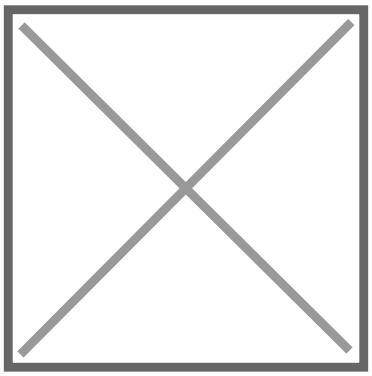
EQUIPPED WITH NATIONSTAR LEDS

Nationstar LED combines **advanced technology with durability**.

Its high contrast ratio, achieved through a black substrate and matte encapsulation, ensures sharp and vivid images. With outstanding reliability, no leakage, and a failure rate below 10 PPM, it delivers consistent performance. The LED offers uniform and accurate colors, natural image quality even at low brightness, and a wide viewing angle of over 120°. Additionally, its design ensures a longer lifespan, making it a reliable choice for any application.

HIGH REFRESH RATE FOR REDUCED FLICKERING

The refresh rate of an LED screen is the number of times per second that it updates the image on the display. The higher the refresh rate, the smoother and clearer the motion on the screen. A high refresh rate screen can reduce flickering and ghosting effects, which can cause eye strain and fatigue. Magic series features an **high refresh rate up to 7680 Hz**.



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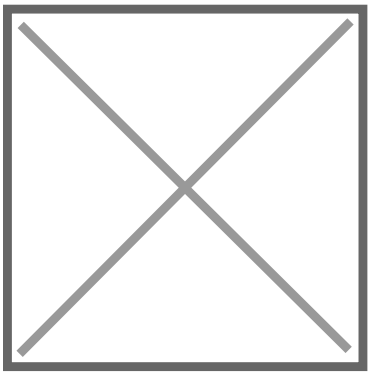

ELEVATED CONTRAST & BRIGHTNESS FOR OUTDOOR APPLICATIONS

With up to **4500 nits brightness**,the Magic series is the i**deal solution for outdoor applications**. inverse tone mapping algorithms analyze and optmize gradation and brightness levels within individual content scenes while simultaneously eliminating shine and reflection.

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PRODUCT DETAILS

KEY FEATURES

- LED Module pitch 3.91mm 1000x500mm
- Suitable for outdoor applications
- Equipped with long lasting high quality Nationstar LEDs
- High refresh rate
- Innovative 500x125 mm tile design eliminating cross seams and reducing connections
- 65mm Aluminium frame convenient for storage and transportation
- Multi rib reinforced structure, collision resistant pillars
- Zip hole design for quick and easy installation
- Available in curved or bevel edge versions for cube (optional)

SPECIFICATIONS

Physical Pitch	3.9 mm
LED type	Nationstar SMD 1921 white
Tile Dimension (mm)	500 x 125
Panel Dimensions (W x H x D) (mm)	1000x500x65
Panel Material	Die-casting Aluminum
No. of tiles per panel (W x H)	1x8
Physical Resolution of Panel (W x H)	256x256
Weight Per Panel	12 kg

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Weight Per m²	24-28 kg/m²
Processing	16 bit
Colors	281 trillion
Color Temperature	6000-10,000 (Adjustable)
Contrast Ratio	5,000
Average/Max Power Consumption	150 W/300W per panel
Operating and storage Temperature/Humidity	-30 to 50? / 10% to 90%
Brightness	4500 nits adjustable 0-100 classes
Refresh Rate	Up to 7680 Hz
Viewing Angle H/V	160°/140°
Expected LED Lifetime (Max)	100,000 hours
IP Rating	Front IP 65, Back IP 54

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