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**MGQ**  
S E R I E S

# Indoor small-pitch display solutions

室内小间距显示解决方案



The MGQ series is an industry-leading indoor small-pitch display with a core advantage of "thin and light", designed for solid installation scenarios, featuring a 16:9 small-pitch display that combines high-end performance with unmatched visual quality.

MGQ系列是业界领先的室内小间距显示器，以“轻薄”为核心优势，专为固体安装场景而设计，具有16:9小间距显示，将高端性能与无与伦比的视觉质量相结合。

MGQ series high precision small pitch—HD, high refresh, high gray, and other excellent display performance. At the same time, the structural material is greatly upgraded, and the back adopts a new heat dissipation technology to quickly cool the central control and the inside

MGQ系列高精度小间距节能灯、高刷新、高灰度等优异的显示性能。同时结构材料大幅升级，背面采用全新散热技术，快速冷却中控及内部。



ultralight



As thin as a wafer



High definition



Low power consumption

Pixel Pitch	0.9, 1.25, 1.56, 1.87.5, 2.5mm
Brightness	600 - 800cd/m <sup>2</sup>
Cabinet size (WxHxD)	600x337.5x29.5mm





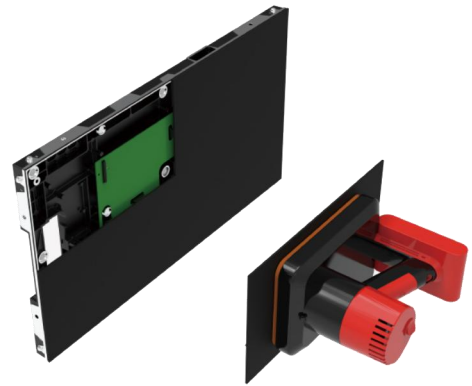
## KEY FEATURES

Single box size 600x337.5mm  
can easily spline 2K,4K,8K large screen;  
单箱尺寸600x337.5mm可轻松拼2K、4K、8K  
大屏幕;



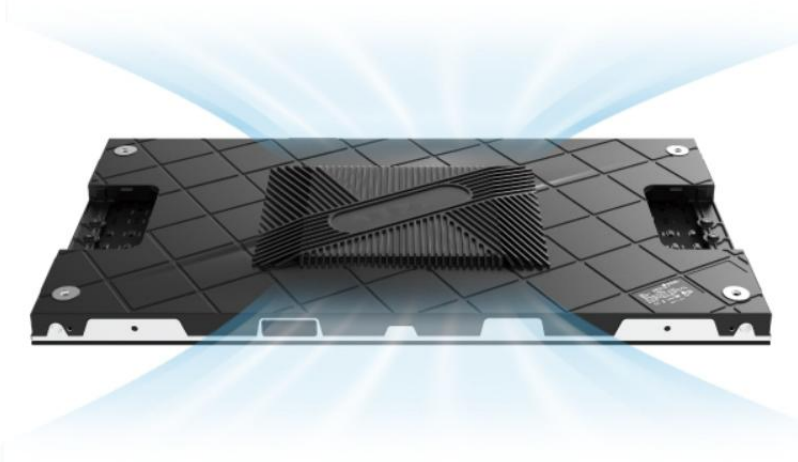
Using magnetic tools, can be quickly  
disassembled in one second, fast  
maintenance, low cost;

采用磁性工具，可在一秒钟内快速拆卸，维修  
快捷，成本低;



New breakthrough in heat dissipation effect of central control According to the air cooling  
science, the use of air flow, rapid cooling control, improve the heat dissipation effect and  
efficiency, extend the display life;

中央控制散热效果新突破,依据空气散热学,利用空气流动,快速冷却中控,提升散热效果与效率,延长显示屏  
使用寿命;





## KEY FEATURES

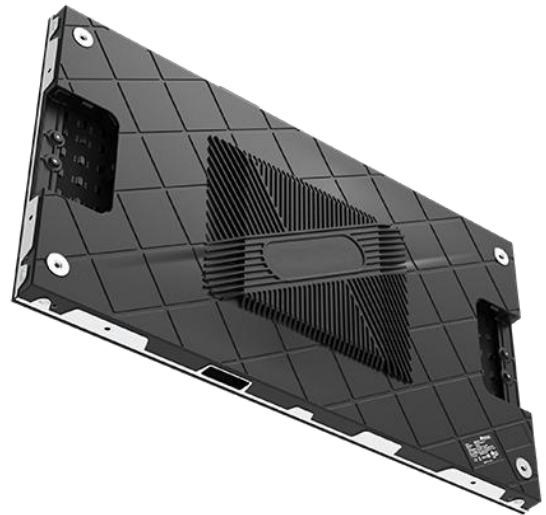
Save interior space. The thickness of the edge of the box is less than 30mm, and the thickness of the installation with the suspension bracket is only 37mm, which can be mounted on the wall.

节省室内空间,箱体边缘厚度不足30mm,搭配悬浮支架安装厚度仅37mm,可贴墙安装



Dual backup design of power supply and signal, even if there are special conditions, it can ensure uninterrupted operation of the display screen, and do not drop the chain at key moments;

电源和信号双备份设计,即使有特殊情况,也能保证显示屏不间断运行,关键时刻不掉链;



Creative customization, Right Angle screen, can adapt to different display scenes.

创意定制,直角屏,可以适应不同的显示场景





### Fixed installation

壁挂式

The panels can be mounted on the wall, built into a steel frame structure on the wall, or can be embedded in the wall.

面板可以安装在墙上，在墙上搭建钢架结构，或者可以嵌入在墙里面。

## INSTALLATION MODE



### Hanging system

悬挂系统

Panels can be hung on trusses to display according to application needs.

面板可以挂在桁架上显示根据应用需要。



### Stacking system

堆垛系统

The MGQ series can also be mounted on a shelf for easy movement and easy disassembly.

MGQ系列也可以安装在架子上，便于移动和拆卸。

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## SPECIFICATIONS

INDOOR					
Product model	MGQ0.93	MGQ1.25	MGQ1.56	MGQ1.87	MGQ2.5
Physical pixel spacing	0.93mm	1.25mm	1.56mm	1.87mm	2.5mm
Physical pixel density	1,137,777pixels/m <sup>2</sup>	640,000pixels/m <sup>2</sup>	409,600pixels/m <sup>2</sup>	284,444pixels/m <sup>2</sup>	160,000pixels/m <sup>2</sup>
LED configuration	4 IN 1 IMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module size	300x168.75.5mm	300x168.75mm	300x168.75mm	300x168.75mm	300x337.5mm
Module resolution	320x180pixels	240x135pixels	192x108pixels	160x90pixels	120x135pixels
Cabinet Dimensions	600x337.5x29.5mm	600x337.5x29.5mm	600x337.5x29.5mm	600x337.5x29.5mm	600x337.5x29.5mm
Cabinet Resolution	640x360pixels	480x270pixels	384x216pixels	320x180pixels	240x135pixels
Box weight	4.9kg	4.9kg	4.9kg	4.9kg	4.9kg
luminance	600nits	600nits	700nits	800nits	800nits
Maximum power consumption	150w/box	150w/box	100w/box	140w/box	140w/box
Average power consumption	50w/box	50w/box	33w/box	46w/box	46w/box
Visual Angle	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Operating voltage	100-240VAC, 50/60HZ	100-240V AC, 50/60HZ	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Operating temperature	-10°C~+45°C	-10°C~+45°C	10°C~+45°C	-10°C~+45°C	-10°C~+45°C
Refresh rate	3,840Hz	3,840Hz	3,840HZ	3,840Hz	3,840Hz
IP level	IP30	IP30	IP30	IP30	IP30
Signal input source	DV, HDMI, DP, SDI	DV, HDMI, DP, SDI	DV, HDMI, DP, SDI	DV, HDMI, DP, SDI	DV, HDMI, DP, SDI
authentication	CE,FCC,ETL,ROHS, REACH	CE,FCC,ETL,ROHS, REACH	CE,FCC,ETL,ROHS, REACH	CE,FCC,ETL,ROHS, REACH	CE,FCC,ETL,ROHS, REACH

Product specifications can be customized

产品规格可定制

# MADDER

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