

MA Outdoor Cabinet

MA Outdoor Series (common cathode circuit, ratio 16:9) adopts aluminum bottom shell structure design, light weight and easy installation, with IP65 waterproof and 20% energy saving, with excellent weather resistance (can work in the environment of -20~50°C) equipped with AI intelligent chip and automatic readback of data, its brightness can reach ≥ 7500 nits. Widely used in outdoor advertising screens, building exterior walls, etc.



Energy saving 20%
Common cathode circuit

Efficient Heat Dissipation
All-aluminum kit design

100% F/R Maintenance
User-friendly installation

Pro Features Design
Waterproof IP65, brightness ≥ 7500 nits

Companion Module Design

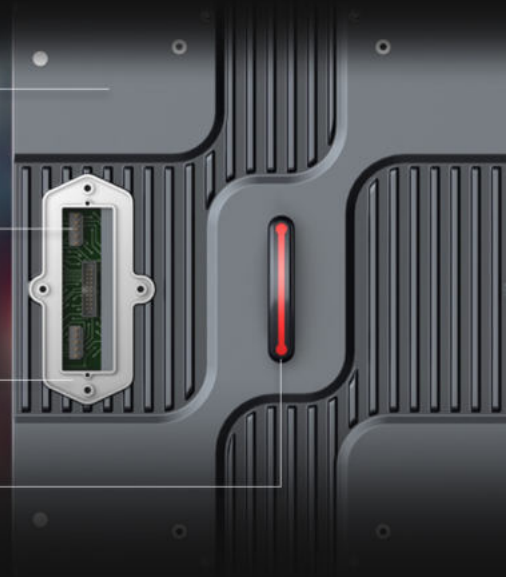
Ultra-slim design meets streamline-sharp details, AI intelligent module with powerful IC chip and automatic readback of data.

Die casting aluminum structure

DC Power

Waterproof rubber

Structural security handle





Common cathode circuit
Energy saving by

20%

2.8 V — R+
3.8 V — G+
3.8 V — B+

20% Energy-efficient Design

be available in common cathode circuit configurations, customizable with data group storage function, brightness can reach ≥ 7500 nits.

HDR 4K, 3840Hz, Brightness (7500~11000 nits)

All-aluminum kit: high heat conduction efficiency, efficient heat dissipation. Concealed Wire trough: hidden wire trough structural design. Aerodynamic design: Modern aesthetic structure design, inspired by Altron, expands the heat dissipation range.



All-aluminum Kit Structure

High thermal efficiency for heat dissipation

Concealed Wire Trough

Hidden wire trough structural design

* Aerodynamic design: Modern aesthetic structure design, inspired by Altron, expands the heat dissipation range.

User-friendly Quick Maintenance

Full front and rear maintenance, you can easily maintain and repair all the electronic components inside the cabinet from the front the cabinet by removing modules.

Full F/R Maintenance

Remove the LED module to directly maintain and repair all the electronic components inside the cabinet from its front, without affecting the normal operation of the whole screen and also improving maintenance efficiency.



All-round Wireless Connection

Installation Details

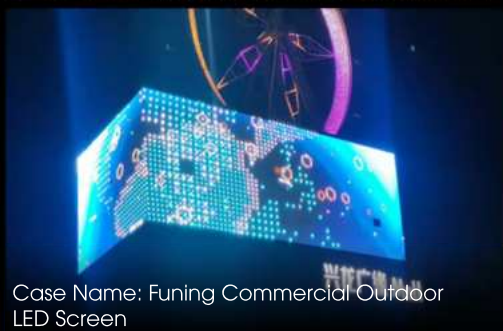
Fix all the cabinets together on the structural frame with the specific connection plates of MA outdoor and we support any specific solution for your needs on all types of projects



Installation Details

The installation structure is usually installed with a 40*40 square pass. There should be a passage space for the installation. The passage is usually ≥ 60 cm width and the distance between the passage pedal and the vertical component is ≥ 15 cm. cabinet, the diagram shows the main structure of the installation, which needs to be reinforced according to the project site environment.

Scenario Case



Specifications

Parameter Item	MA P5	MA P5.9	MA P7.8	MA P10
Pixel Pitch (mm)	5	5.926	7.826	10
Pixel Density (pixels/sqm)	40,000	28,125	15,972	10,000
Module Resolution	64×72	54×60	40×46	32×36
Cabinet Resolution	256×144	216×120	160×92	128×72
Mask	Standard			
Lamp Type	SMD2727			
Module Size (mm)	320×360×19			
Module Weight (kg)	1.95±0.05			
Cabinet Size (mm)	1280×720×88.3			
Cabinet Weight (kg)	28±0.05			
Brightness (cd/sqm)	7500/8500	7500/8500	7500/8500	9000/11000
Gray Scale (Bit)	12~16			
Color Temp (k)	3000~15000			
Control System	Synchronous Control			
Protection Level	IP65			
Intelligent Storage	AI Intelligent Storage			
Frame Frequency (Hz)	50/60FPS~120FPS (3D)			
Refresh Rate(Hz)	≥3840			
Working Voltage	AC:100V~240V, 50/60Hz			
Power Consumption (W/ m ²)	Max:≤570,Ave:≤190	Max:≤570,Ave:≤190	Max:≤570,Ave:≤190	Max:≤630,Ave:≤210
Lifetime (hrs)	100,000			
Operating Temp (°C)	-20~+40			
Storage Temp (°C)	-20~+60			
Humidity Range(Rh)	10%~80%, Non-condensing			
Pixel Correction	Brightness And Color Correction			