O-Gold Pro Series

Profile aluminum cabinet for 500x250mm module

Ultra-lightweight | Quick heat dissipation | High strength | Easy installation | High precision | Easy maintenance

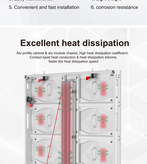
Cabinet appearance

Exquisite appearance, standardized cabinet, excellent processing technology. Greatly improving installation and maintenance efficiency, matching more convenient and safe maintenance

Profile aluminum cabinet （Front）

Profile aluminum cabinet （Rear）

Standardization of the whole led display

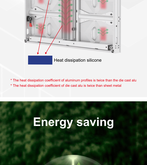


Product advantages

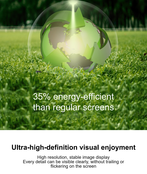
1. Excellent heat dissipation
2. Energy-saving
3. Light weight
4. Convenient and fast installation
5. corrosion resistance

Excellent heat dissipation

Alu profile cooling & alu module chassis, high heat dissipation coefficient
Contact surface between module and cabinet adopts silicone, faster the heat dissipation speed



* The heat dissipation coefficient of aluminum profiles is twice than the die cast alu
* The heat dissipation coefficient of die cast alu is twice than sheet metal



Ultra-high-definition visual enjoyment

High resolution, stable image display
Every detail is clear, no flicker, no horizontal lines, no horizontal fading or flickering on the screen

Zoom

Normal

Support front and rear dual maintenance

Dual maintenance, easy to operate, quick installation and maintenance to truly save time and effort

High quality LED beads

Using high brightness LED beads and low defect rate Lamp SMT technology, More stable product quality

Seamless splicin 4K high-definition

Flat spliced, Free customization

Fixed light & shadow, stunning display on screen

Reserve heat dissipation and prevent effect
LED fixed screen increases visual experience

Rich and vivid color

Full color coverage is over 35%, More details than the NESE color gamut range,More rich and vivid colors

Waterproof and dustproof

Adopting waterproof and dustproof design，IP65 protection grade
Strong anti-corrosion and anti-oxidation ability
suitable for various outdoor environments

Style Display

Customizable any splicing cabinet
Supporting curved design, easy to assemble corner shapes.

Specification

Product Model	O-P	O-H	P-H	P-S	P-F	H-F	H-S
Pixel pitch	2.604mm	1.953mm	2.976mm	2.604mm	2.976mm	2.604mm	1.953mm
Devices ic	SM1903mm	SM1903mm	SM1903mm	SM1903mm	SM1903mm	SM1903mm	SM1903mm
Module Resolution	192*96	256*128	168*84	192*96	168*84	192*96	256*128
Pixel Arrangement	SMD2121	SMD1921	SMD1921	SMD2121	SMD2121	SMD2121	SMD1921
Module Size	500*250	500*250	500*250	500*250	500*250	500*250	500*250
Pixel per	147456dot	131072dot	141120dot	147456dot	141120dot	147456dot	131072dot
Module Weight	0.6kg	0.6kg	0.6kg	0.6kg	0.6kg	0.6kg	0.6kg
Brightness	1000cd/m2	1000cd/m2	1000cd/m2	1000cd/m2	1000cd/m2	1000cd/m2	1000cd/m2
Viewing Angle(H/V)	140°/140°	140°/140°	140°/140°	140°/140°	140°/140°	140°/140°	140°/140°
Module Current	4.5A	4.5A	4.5A	4.5A	4.5A	4.5A	4.5A
Module weight	0.6kg	0.6kg	0.6kg	0.6kg	0.6kg	0.6kg	0.6kg
Cabinet Size	500*250*70mm（Front Maintenance）/ 500*250*80mm（Rear Maintenance）						
Cabinet weight	4.5kg						
Cabinet Material	Front maintenance: Aluminum alloy / Rear maintenance: Aluminum alloy + Steel						
Cabinet Resolution	192*192	256*256	336*168	384*192	336*168	384*192	512*256
Pixel per Cabinet	36864dot	65536dot	56448dot	73728dot	56448dot	73728dot	131072dot
Input Voltage	AC100-240V/50-60Hz						
Working Environment	-20°C ~ +40°C						
Accessories Connection	Connector adopts Aviation Type, Data Signal: Aviation Connector Type, Power Supply: Aviation Connector Type						
Accessories Accessory	Cabinet splicing latch, Cabinet Handle, Power Supply Cable, Data Signal Cable, Cabinet Fixed Bracket						

Specification