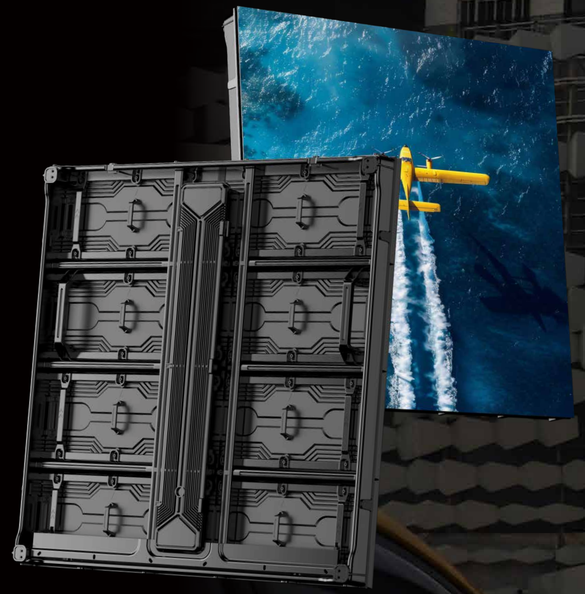
HUAHAI LED

Designed for Outdoor Advertising

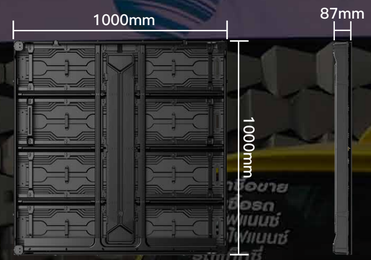
Energy efficiency, high brightness & long warranty



Specs

ITEM	P2.97	P3.91	P4.81	P6.25	P7.81	P10.42
LED	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Pixel Pitch (mm)	2.97	3.91	4.81	6.25	7.81	10.42
Module Resolution	168x84	128x64	104x52	80x40	64x32	48x24
Module Size (WxH mm)	500x250	500x250	500x250	500x250	500x250	500x250
Panel Resolution (1000x1000)	336x336	256x256	208x208	160x160	128x128	96x96
Pixel Density (Pixels/㎡)	112,896	65,536	43,264	25,600	16,384	9,216
Panel Size (Width)	1000mm, 1500mm					
Panel Size (Height)	1000mm, 1500mm, 1250mm, 750mm, 500mm					
Gray Scale (bit)	14–16					
Cabinet Material	Die-cast aluminum / Aluminum profiles					
Module Shell Material	Die-cast aluminum / Plastic					
Scan Ratio	21s	8s	13s	5s	4s	2s
Weight (kg/㎡)	27					
Ingress Protection	IP66/IP66					
Refresh Rate (Hz)	3,840–7,680					
Maintenance	Front/Rear					
Power Supply Mode	Common Cathode					
Contrast	8,000:1	8,000:1	8,000:1	10,000:1	10,000:1	10,000:1
Brightness (nit)	6,000–8,000	6,500–9,000	6,500–9,000	8,000–10,000	8,000–10,000	8,000–10,000
Max. Power Consumption	550W/㎡	550W/㎡	550W/㎡	390W/㎡	390W/㎡	390W/㎡
Avg. Power Consumption	180W/㎡	180W/㎡	180W/㎡	130W/㎡	130W/㎡	130W/㎡

Dimensions



Ultra Power Efficient

The panel adopts electronic circuit design of common cathode with two different (best) power supply to red LED and green & blue LED, and good materials used such as highly efficient & bright LED and highly efficient PSU, the panel performs 10,000 nit with max 390w/㎡. Compared with regular screens, it saves energy by more than 55%.



MC Pro 1000
10,000 nits & max 390w/㎡

VS

regular panel
6500 nits & max 850w/㎡

IP66 Waterproof

Cabinet and module shell are fully enclosed and waterproof level is IP66, which makes it more stable and reliable in outdoor environments.



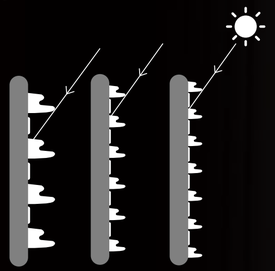
MC Pro 1000

High-brightness & Energy-saving
Aluminum Screen

HUAHAI LED
7231 NW 54th street, Miami, Fl 33166
(305) 436-8650
www.huahai.us

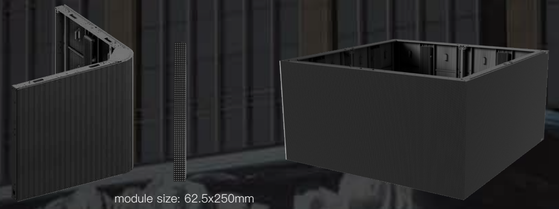
High Contrast, High Brightness

The panels use high brightness and energy-saving LEDs that bring up to 16,000nits brightness. Besides, there are long louvers on the module mask that is made very black, which contributes to clear and bright images on screen for outdoor use.



Creative Applications

The panel allows you to realize many creative solutions, it can make perfect seamless curve and right angle for outdoor naked-eye 3D LED screen.

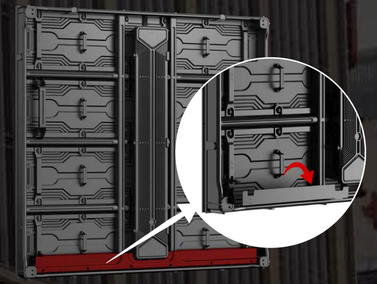


curve cabinet

right-angled cabinet

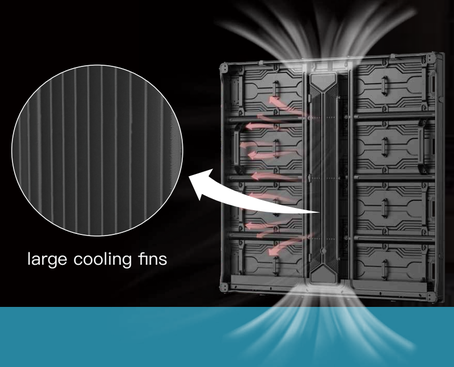
High Reliability

Cabinet adopts IP66 waterproof-level aviation plug and cables are not exposed, more reliable.



Efficient Thermal Management

Cabinet chassis and module shell are made of high thermal conductivity die-cast aluminum material; besides, we structurally design the best heat dissipation for the modules and PSU e.g., the module shell and power box are made of diecast aluminum with large heat fins. Panel has excellent heat dissipation effect, and higher stability & service life.

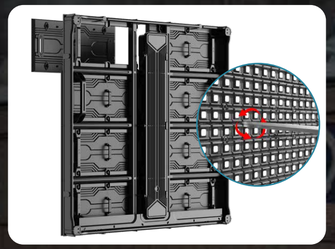


large cooling fins

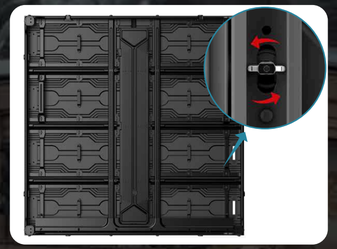
Fast Maintenance, Front & Back Access

Module, PSU, receiving card and all parts can be maintained in both front and rear side, which meets the installation and maintenance requirements in various application scenarios.

1/4 turn on the module latches from front, the module can be pulled out.



1/4 turn on the module latches from rear, the module can be taken out.



Multiple Cabinet Size Available

Cabinet size is available in 1000*1000mm, 1000*1500mm, 1000*1250mm, 1000*750mm, 1000*500mm, and it can meet most of the required screen size.

