HUAHAI LED

Designed for Outdoor Advertising

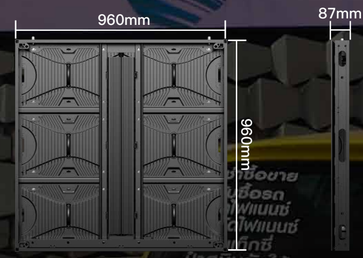
Energy efficiency, high brightness & long warranty



Specs

ITEM	P4	P4.44	P5	P5.71	P6.67	P8	P10
LED	SMD1921	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727	SMD2727
Pixel Pitch (mm)	4	4.44	5	5.71	6.67	8	10
Module Resolution	120x80	108x72	96x64	84x56	72x48	60x40	48x32
Module Size (WxH mm)	480x320						
Panel Resolution (960x960)	240x240	216x216	192x192	168x168	144x144	120x120	96x96
Pixel Density (Pixels/㎡)	62,500	50,625	40,000	30,625	22,500	15,625	10,000
Panel Size (WxH mm)	960*960, 960*1280, 960*640, 1440*960, 1440*640, 1440*1280						
Gray Scale (bit)	14-16						
Cabinet Material	Die-cast aluminum / Aluminum profiles						
Module Shell Material	Die-cast aluminum / Plastic						
Scan Ratio	10s	9s	8s	7s	6s	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	8,000:1	10,000:1	10,000:1	10,000:1
Brightness (nit)	8,000-10,000	8,000-10,000	8,000-10,000	8,000-10,000	10,000	10,000	10,000
Max. Power Consumption	450W/㎡	450W/㎡	450W/㎡	390W/㎡	390W/㎡	390W/㎡	390W/㎡
Avg. Power Consumption	150W/㎡	150W/㎡	150W/㎡	130W/㎡	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 960
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.



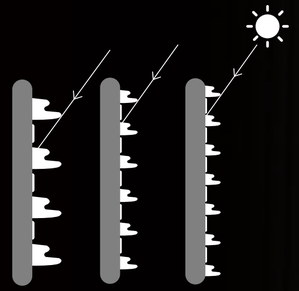
MC Pro 960

High-brightness & Energy-saving
Aluminum Screen

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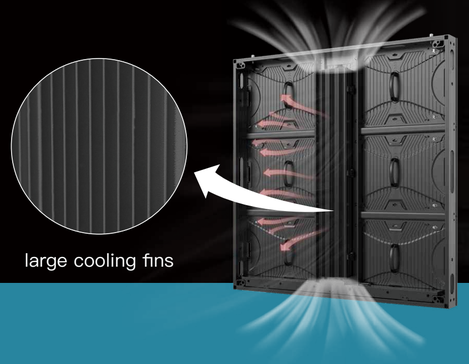
High Contrast, High Brightness

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.



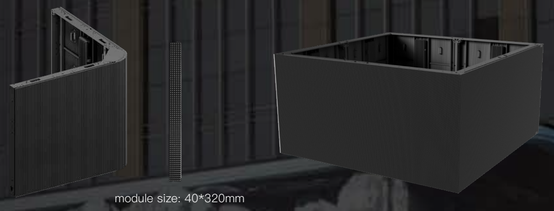
Efficient Thermal Management

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.



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.



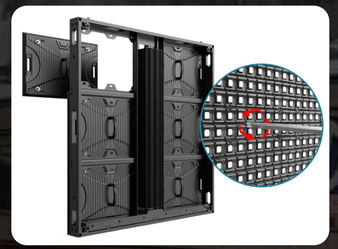
curve cabinet

right-angled cabinet

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.



High Reliability

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



Multiple Cabinet Size Available

Cabinet size is available in 960*960mm, 960*640mm, 960*1280mm, 1440*960mm, and it can meet most of the required screen size.

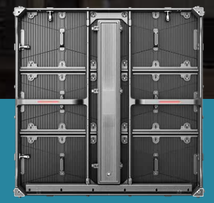


Two Cabinet Materials Optional

Die-cast aluminum (960*960mm only) and aluminum profiles (multiple size optional) are available, and module shell materials has both diecast aluminum and plastic, to provide customers with the more choices.



Die-cast aluminum



Aluminum profiles