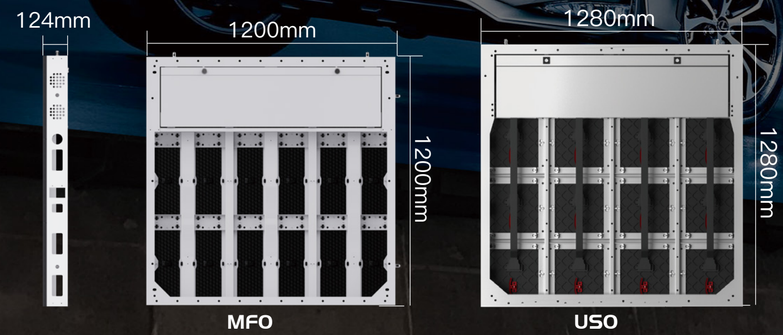
HUAHAI LED



Specs

ITEM	USO-4.44	USO-6	USO-8	USO-10	MFO-10U	MFO-16U
LED	SMD 3 IN 1	SMD 3 IN 1	SMD 3 IN 1	SMD 3 IN 1	DIP 347	DIP 347
Pixel Pitch (mm)	4.44	6.67	8	10	10	16.67
Module Resolution	72x72	48x48	40x40	32x32	20x40	12x24
Module Size (WxH mm)	320x320	320x320	320x320	320x320	200x400	200x400
Pixel Density (pixels/㎡)	50,652	22,477	15,625	10,000	10,000	3,600
Cabinet Size (WxH mm)	1280x1280	1280x1280	1280x1280	1280x1280	1200x1200	1200x1200
Cabinet Material	Sheet Aluminum	Sheet Aluminum	Sheet Aluminum	Sheet Aluminum	Sheet Aluminum	Sheet Aluminum
Scan Ratio	1/6	1/6	1/4	1/2	1/4	static
Weight (kg/㎡)	29	29	29	29	30	30
Ingress Protection	IP67/IP65	IP67/IP65	IP67/IP65	IP67/IP65	IP67/IP65	IP67/IP65
Maintenance	Front/Rear	Front/Rear	Front/Rear	Front/Rear	Front/Rear	Front/Rear
Refresh Rate (Hz)	≥1920-3840	≥1920-3840	≤3840	≤3840	≤3840	≤3840
Brightness (nits)	5,500-9,000	6,000-9,000	6,000-9,500	6,500-10,000	10,000	10,000
View Angle (H./V.)	140° / 120°	140° / 120°	140° / 120°	140° / 120°	120° / 120°	120° / 120°
Contrast Ratio	6,000:1	6,000:1	8,000:1	8,000:1	8,000:1	8,000:1
Max. Power Consumption	600-800W/㎡	600-800W/㎡	600-800W/㎡	600-800W/㎡	360W/㎡	360W/㎡
Avg. Power Consumption	266W/㎡	266W/㎡	266W/㎡	266W/㎡	120W/㎡	120W/㎡

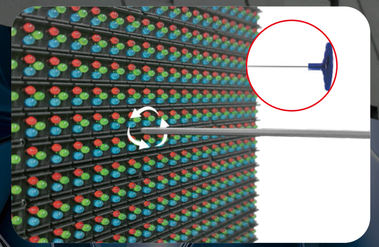
One of the Panel Sizes

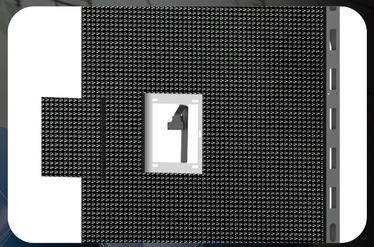


Front and Rear Accessible

Front Access

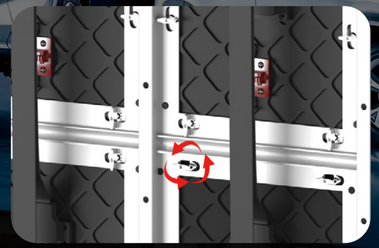
1/4 turn on the module latches from front, the module can be pulled out.

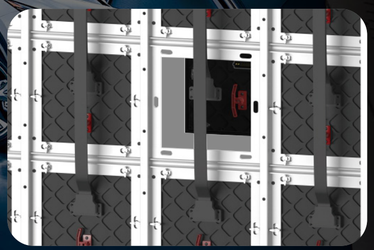




Rear Access

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





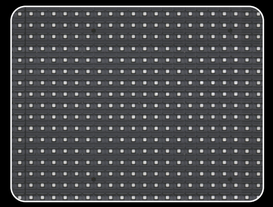
USO & MFO

Outdoor Media Panel

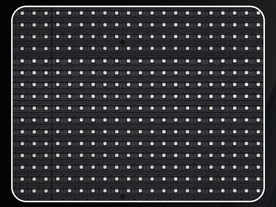
HUAHAI LED
7231 NW 54th street, Miami, Fl 33166
(305) 436-8650
www.huahai.us

Fine Visuals

- **High Contrast**
  The panel uses bright LED and its masks are designed and built long louvers that shade LEDs from the Sun, which brings high contrast to the panel.



Low Contrast



High Contrast

- **High Grayscale**
  Customers can choose high speed IC drivers and this will help the panel obtain a max graysale of 14 bits or even 16 bits, then the screen is able to perform as rich details as what the content has.



12bit



14bit

- **High Refresh Rate**
  Customers can choose high speed IC drivers and this will help the panel obtain a max refresh of 3840Hz or even 7680Hz, then the screen is able to perform best smooth.

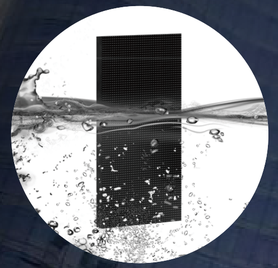


1920Hz



3840Hz

High Reliability

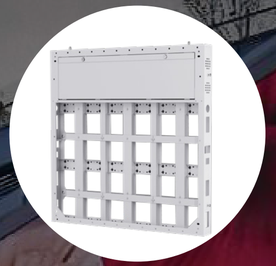






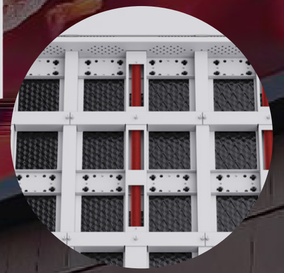
Fine Ingress Protection for Outdoor

Front of the panel is made tested IP67 while the rear is IP65, which will withstand any outdoor condition.



Strong & Good Cooling

The Chassis is made of 2mm thick sheet aluminum coated with carbon powder, strong, antirust, and aluminum made chassis helps heat dissipation.

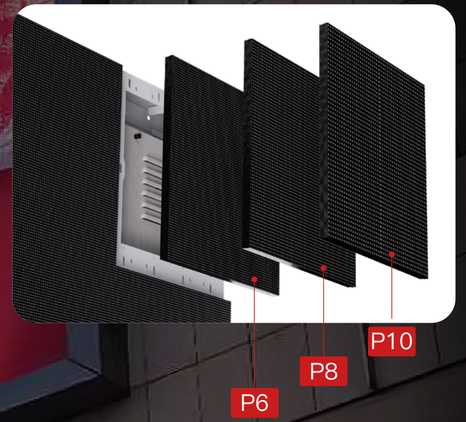


Internal Connection and Cabling Protected

Channels to protect the cables and connectors are designed and built on the panel.

Powerful Compatibility

This will help save most of the cost on the whole project when users upgrade or renew the screen. What it takes will be just changing the modules, others such as bracket, power and data layout and facilities remain.



Low Power Consumption

The MFO uses LED of big-sized and gold chip that performs super high brightness while consuming low power.

