IM 1000 series Mesh LED Screen

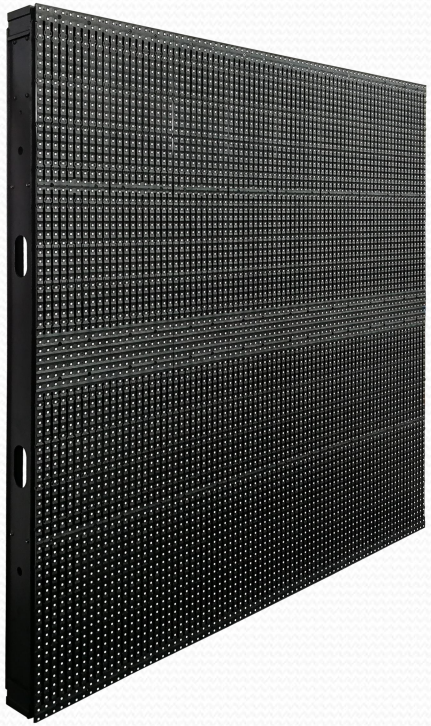
Product Picture

Product Advantage

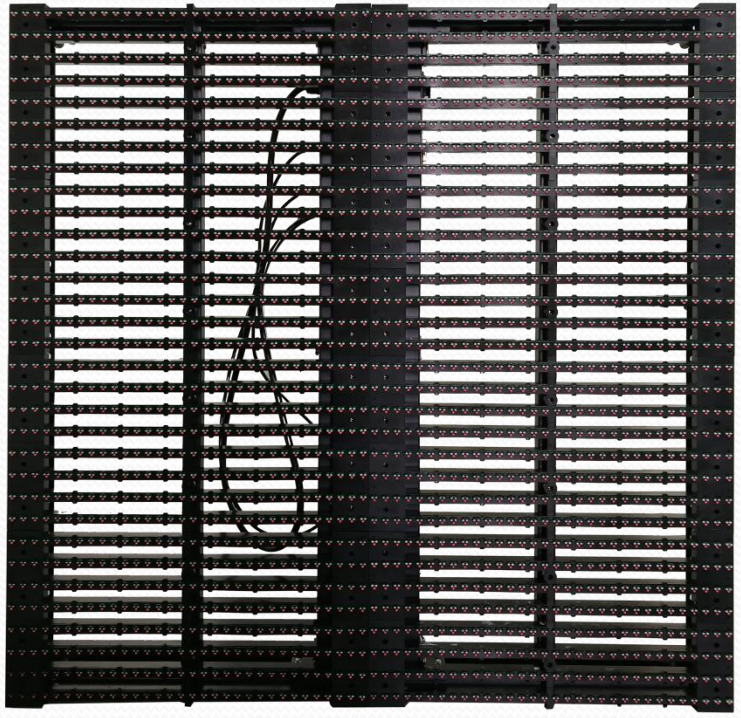
Product Parameters

Product Case

Product Picture



P12.5*12.5

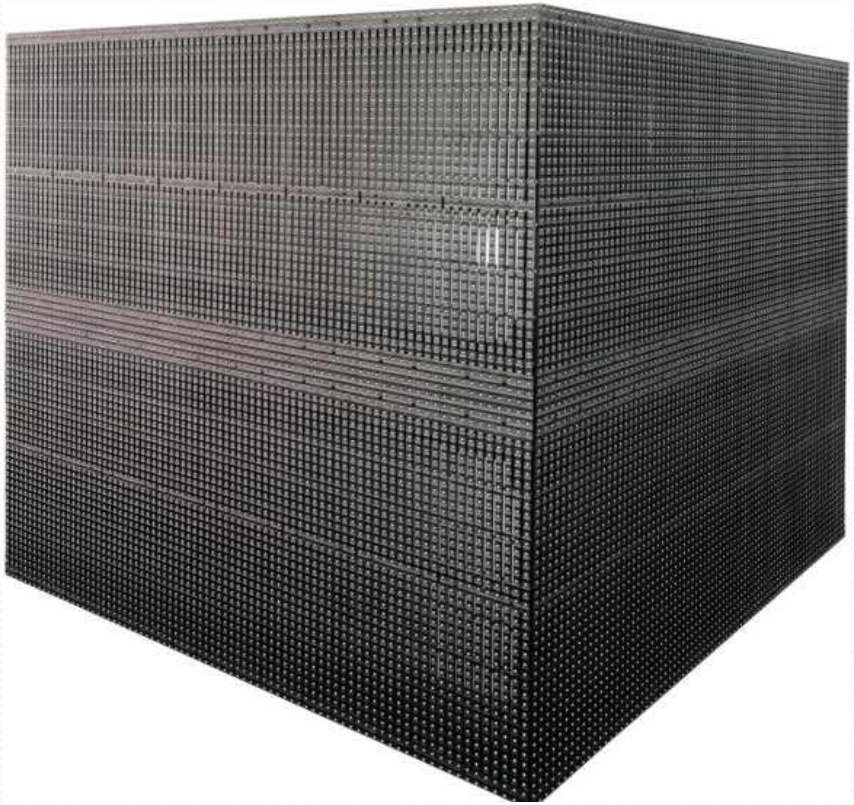


P15.625*31.25

Product Advantage

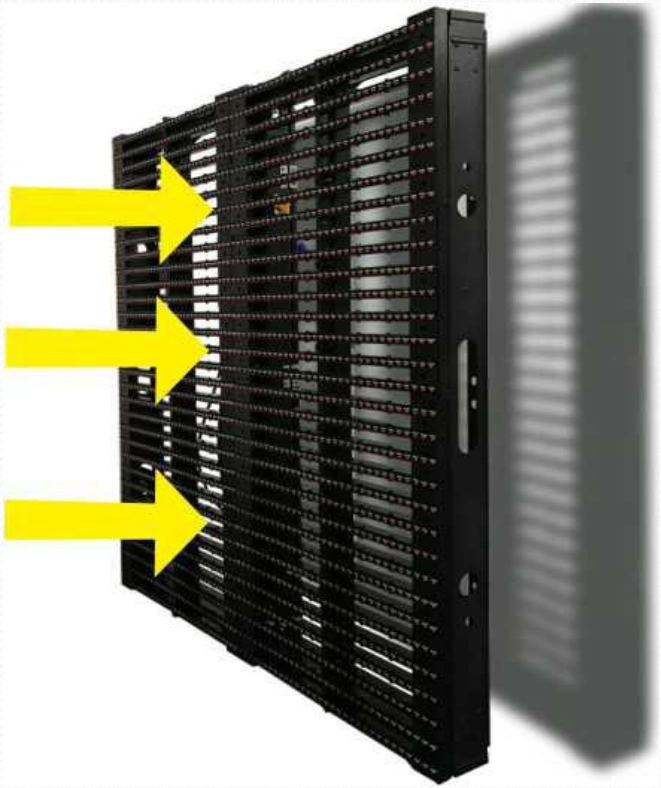
1.90Degree corner cabinet design

The edges of each module are designed to be 45 degrees, it is easier to make a L shape 90degree LED Screen and realize glass-free 3D LED display.



2. High transparency:30%-60%

IM Series 1000 series mesh has high transparency of 30%-60%， natural lighting behind the screen is better.



3.Full Front Installation and Maintenance

IM Series 1000 series mesh can be installed in a variety of outdoor environments because it can be either front or rear installed and maintained; Modules, receiving cards, power supply, cabinet, all the parts can be front maintained, not merely modules.

1 .Remove all the modules

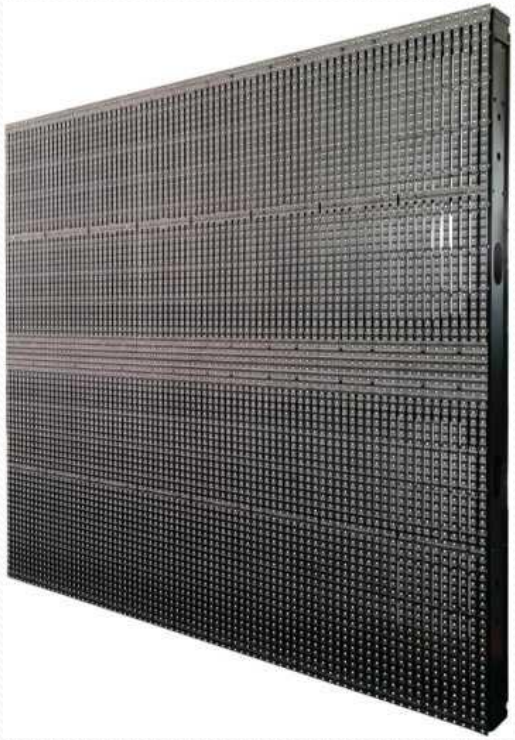
2.Rotate the power box 180°

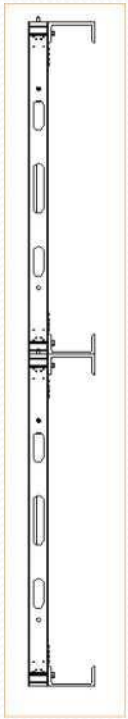
4.IP65/IP54 Waterproof

With IP65/IP54 waterproof, IM Series 1000 series meets the requirements of outdoor working environment.

5.Naked Installation

IM Series 1000 series can be installed naked without cover and air conditioner because of its IP 65 waterproof rate and good heat dissipation design . It requires only a simple steel structure for installation.





Steel Structure:14# Galvanized Channel Steel

IM Series 1000 series can be mounted on the wall directly：

①.Fix the steel structure to the wall；
②.Fix the screen to the steel structure

6.Energy-saving

C1531 :

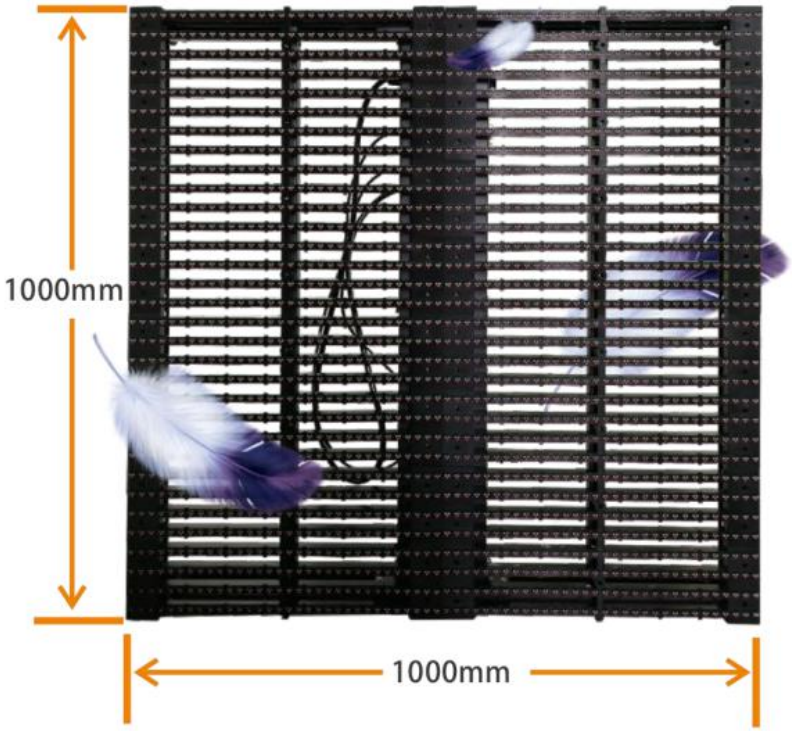
Max Power Consumption:360W/m^2

Avg PowerConsumption:100W/m^2

7.Thin and Lightweight

Cabinet Size:1000mm*1000mm*75mm

Cabinet Weights:19~20kg/m^2



- Thickness is only 75mm， saving installation space
- It weights only 19kg/m^2,saving transportation and installation cost

8.Hight Reliability

Modular design and batch production

- Modular design,IM Series 1000 series is more simple and reliable
- IM Series 1000 series has better waterproof performance

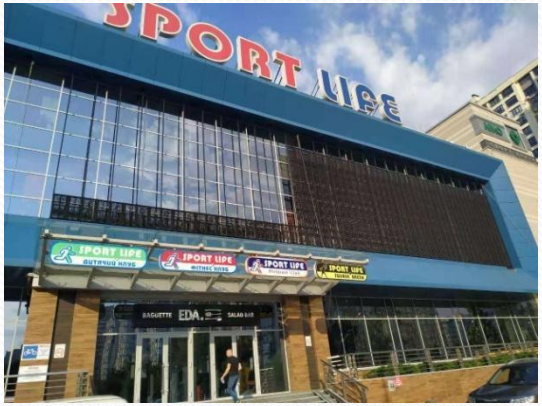
Product Parameters

Parameter	IM39-780	IM52-100	IM62-120	IM780	IM78-15
Pixel Pitch(mm)	3.91x7.81 mm(H*V)	5.2x10.4mm(H*V)	6.2x12.5mm(H*V)	7.81mm(H*V)	7.81x15.6mm(H*V)
LED Configuration	SMD1921	SMD2727	SMD3535	SMD2727	SMD2727
Module Size(mm)	500*125				
Module Resolution	128*16	96*12	80*10	64*16	64*8
Cabinet Size（mm）	1000*1000*75				
Cabinet Resolution	256*128	192*96	160*80	128*128	128*64
Cabinet Weight(kg/㎡)	18				
Transparency	30%	50%	35%	30%	60%
Brightness(cd/㎡)	5500	6000			
Max PowerConsumption	800W/㎡				
Avg PowerConsumption	266W/㎡				
Refresh Rate	3840Hz				
IP Rating(Front/Rear)	IP65/IP54				
Installation Methods	Front\Rear				
Maintenance Methods	Front\Rear				

Parameter	IM100	IM120	IM150	IM15310
Pixel Pitch(mm)	10x10mm(H*V)	12.5x12.5mm(H*V)	15.625*15.625mm(H*V)	15.625*31.25mm(H*V)
LED Configuration	SMD2727	SMD3535	SMD2727	DIP346
Module Size(mm)	500*125			500*250
Module Resolution	48*12	40*10	32*8	32*8
Cabinet Size（mm）	1000*1000*75			
Cabinet Resolution	96*96	80*80	64*64	64*32
Cabinet Weight(kg/㎡)	18			20
Transparency	30%	35%	60%	50%
Brightness(cd/㎡)	6000	6600	5500	8000-10000
Max PowerConsumption	800W/㎡			360W/㎡
Avg PowerConsumption	266W/㎡			100W/㎡
Refresh Rate	3840Hz			
IP Rating(Front/Rear)	IP65/IP54			
Installation Methods	Front\Rear			
Maintenance Methods	Front\Rear			

Product Cases

Guizhou,China 144sqm, IM15310



Ukraine, 400sqm, IM15310

Haikou,China 69sqm, IM150