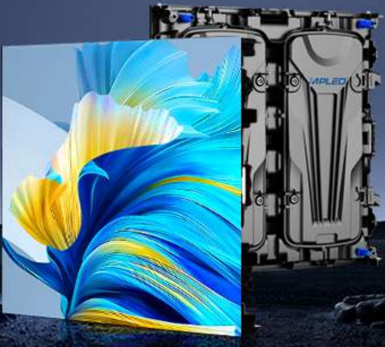
MG SERIES

Good screen not expensive

High brightness,Ultra slim & light,energy saving solution,very high ROI product



01 FEATURES OF MG

Global LED Display Solution Provider

High brightness & Energy saving solution

40% energy saving, power consumption 1Kw.h/day.m^2

7000nits Brightness

P6 / P8 / P10

Ultra slim & Light

Lighter 50% lighter and 30% slim than traditional iron cabinet cabinet, save cost for installation & transportation

101 mm

Thickness

25 kg

Weight

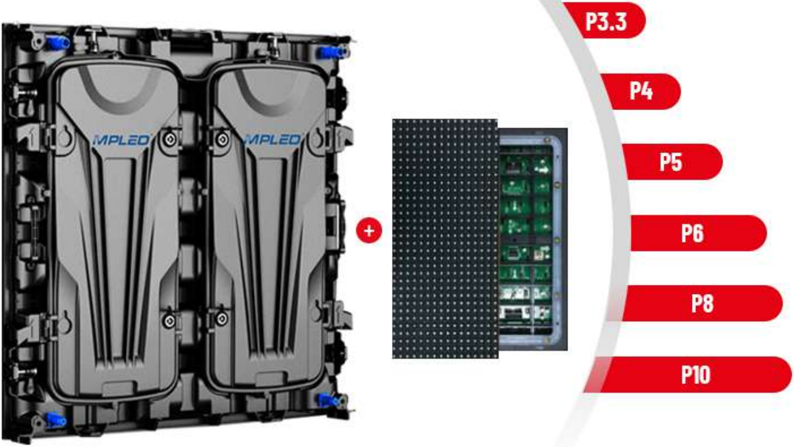
MPLED
MPLED

P2.5

General Cabinet with Replaceable Module

P3

Update screen,only change module, structure, cabinet, controller, power supply all keep same.


MPLED
MPLED
P3.3
P4
P5
P6
P8
P10

Standard panel size:960x960x101mm

High Protection,All Weather Durability

Standard waterproof solution : 4-fold waterproof

PCB front and backside print conformal Coating

Module front add waterproof glue

Module add waterproof rubber ring

Cabinet waterproof design , meanwhile add waterproof rubber ring

High temperature , high humidity and high salinity environment: 8-fold waterproof

Including standard solution 4-fold measure

Module backside add waterproof glue

Power supply inside pcb do print conformal Coating

Power terminal also print conformal coating

All cabinet do waterproof test

Moist

High temperature

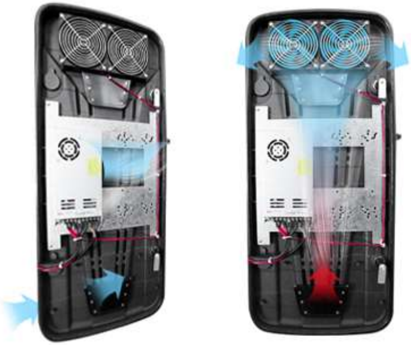
Low temperature

Rainy

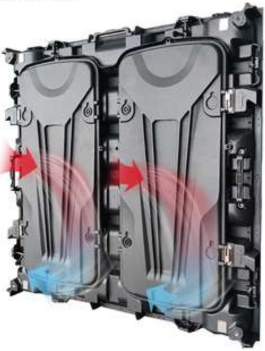
EFFICIENT COOLING SYSTEM

Dual-channel thermal design

Efficient cooling system,make the screen more stable and long lifespan



Wind by fan cooling system

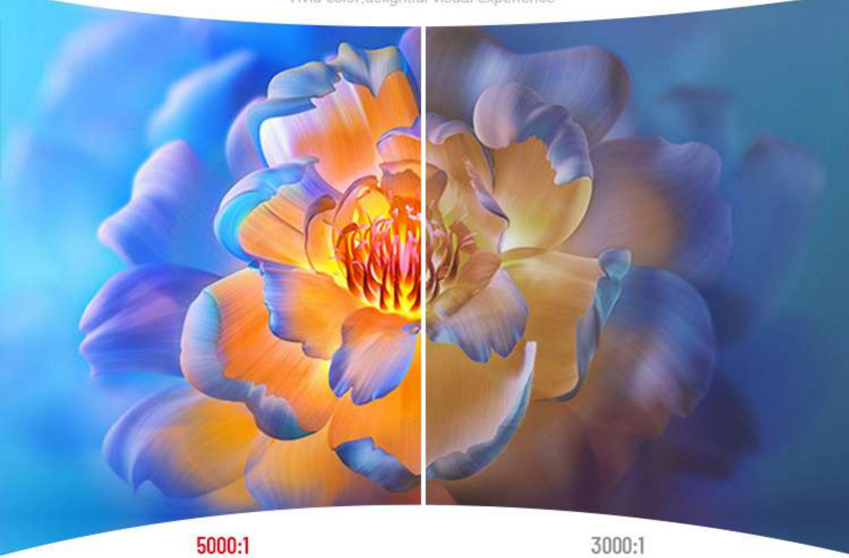


Cooling by die casting cabinet itself

High contrast,Vivid color

High contrast of 5000:1

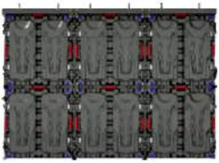
Vivid color,delightful visual experience



5000:1
High contrast

3000:1
Low contrast

Widely Application



Fixed Advertising Application | Rental event application | Stadium Perimeter Application

02 PROJECT REFERENCE

Global LED Display Solution Provider

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SAWMILL SQUARE MALL
belk
JCPenney
REGAL CINEMAS
YES, LORD

P8 Outdoor LED Display

Product Model: MG series

Screen size: 20m²

Location: USA

17:51
SUNTRONICS
LED MESSAGE CENTERS

P10 Outdoor LED Display

Product Model: MG series

Screen size:41.472m²

Location: USA

Application:

- Billboard
- Bridge
- Building Roof
- Gas station
- Shopping mall
- Airport

NEW VICTORY
SKECHERS

Discover the Beauty of Outdoor
FAIRWAY
919-755-1900

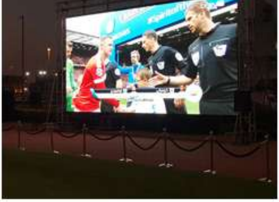
Digital Sign

Transit Center

Stadium

Stage & Event

Open Day
Saturday 9 March • 10am – 1pm



03 CABINET DETAILS

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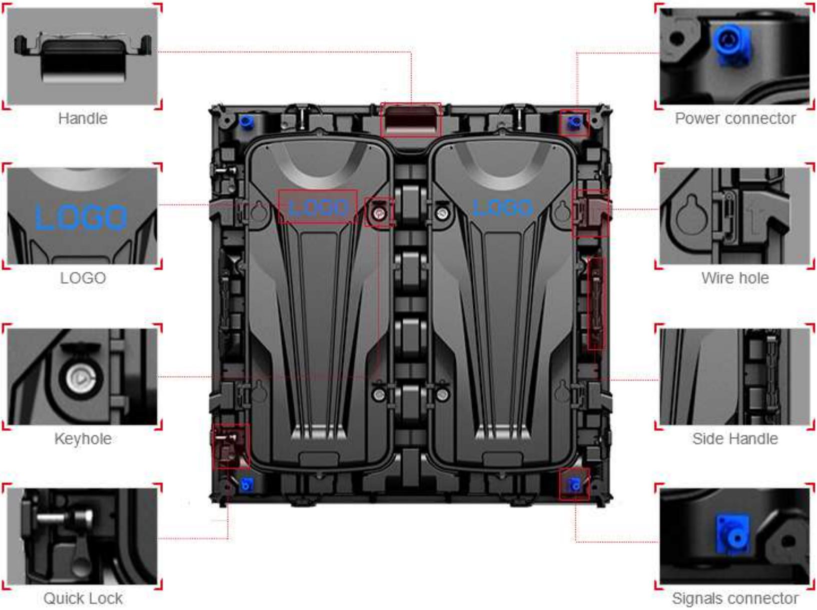
Handle
LOGO
Keyhole
Quick Lock
Power connector
Wire hole
Side Handle
Signals connector
LOGO
LOGO

OUTDOOR

High brightness & Energy saving

Outdoor Energy-saveing	P6	P8	P10
LED Configuration	SMD3535	SMD3535	SMD3535
Pixel Density(dots/㎡)	22477dots/㎡	15625dots/㎡	10000dots/㎡

Module size(mm)	320x160mm		
Cabinet size(mm)	960x960x101mm		
Cabinet resolution(mm)	44x144dots	120x120dots	96x96dots
Cabinet weight(kg)	25kg		
IP Rating	IP65		
Brightness(nits)	6500-7000nits adjustable		
Viewing Angle(H/V)	Horizontal:160degree,Vertical:140degree		
Gray Scale(bit)	16bit		
Max Power Consumption	550W		
Ave Power Consumption	100-150W		
Refresh	1920Hz		
Input Voltage(V)	110V-240V 50/60Hz		
Operate Temperature/Humidity	Temperature -40℃-70℃， 10%-90% Humidity		
Lifespan	100000H		

OUTDOOR

UHD LED Display,2K,4K,8K

Outdoor HD LED Display	**P2.5**	**P3**	**P4**	**P5**
LED Configuration	SMD1515	SMD1921	SMD1921	SMD1921
Pixel Density(dots/㎡)	160000dots/㎡	90000dots/㎡	62500dots/㎡	40000dots/㎡
Module size(mm)	320x160mm			
Cabinet size(mm)	960x960x101mm			
Cabinet resolution(mm)	384x384dots	288x288dots	96x96dots	240x240dots
Cabinet weight(kg)	25			
IP Rating	IP65			
Brightness(nits)	5500-6500nits adjustable			
Viewing Angle(H/V)	Horizontal:160degree,Vertical:140degree			
Gray Scale(bit)	16bit			
Max Power Consumption	800W			
Ave Power Consumption	240W			

Refresh	1920Hz
Input Voltage(V)	110V-240V 50/60Hz
Operate Temperature/Humidity	Temperature -40℃-70℃, 10%-90% Humidity
Lifespan	100000H

ACCESSORIES

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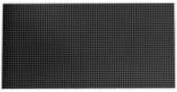
Novastar Received card

Novastar Brightness sensor

MCTRL300
LED Display Controller
Novastar sending box


320x160mm Module

Novastar Received card

Connector

Screw

1.27m2 wire core + horn deck

Encapsulation technology +2.5m2 power cable

National standard Power cable

USB disk to save manual and setup file

Cabinet to cabinet cat6 signal cable-65cm

Cabinet to Cabinet Power cable-150cm

Main signal cable-30m

Main power cable-10m

PACKAGE

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Package details:

Package details (3 in 1)
Size: L1050xH1145xD480mm
Gross weight is 94kg
Volume is 0.577cbm

Package details (4 in 1)
Size: L1050xH1145xD610mm
Gross weight is 122kg
Volume is 0.733cbm

SPARE PARTS DOUBLE CHECK

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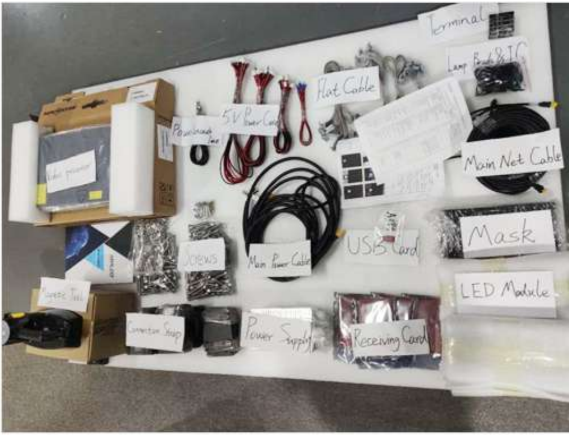
1. Before packaging,clear all the spare parts
2. Each part has mark to remind customer
3. Back-up module protected well with professional packag ematerial
4. Check whether the power plug matches the corre sponding country
5. Check the voltage


Terminal
Lamp Beads & IC
Flat Cable
5V Power Cable
Main Net Cable
Mask
LED Module
USB Card
Main Power Cable
Screws
Power Supply
Receiving Card
Connection Strip
Magnetic Tool
Video processor