Msign series
Outdoor Fixed LED Display
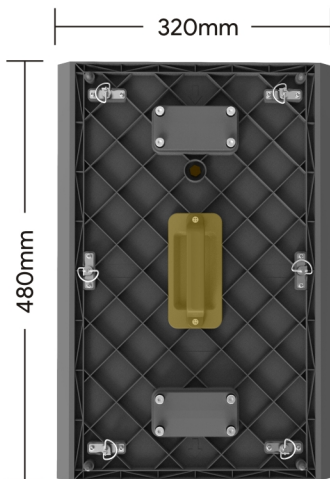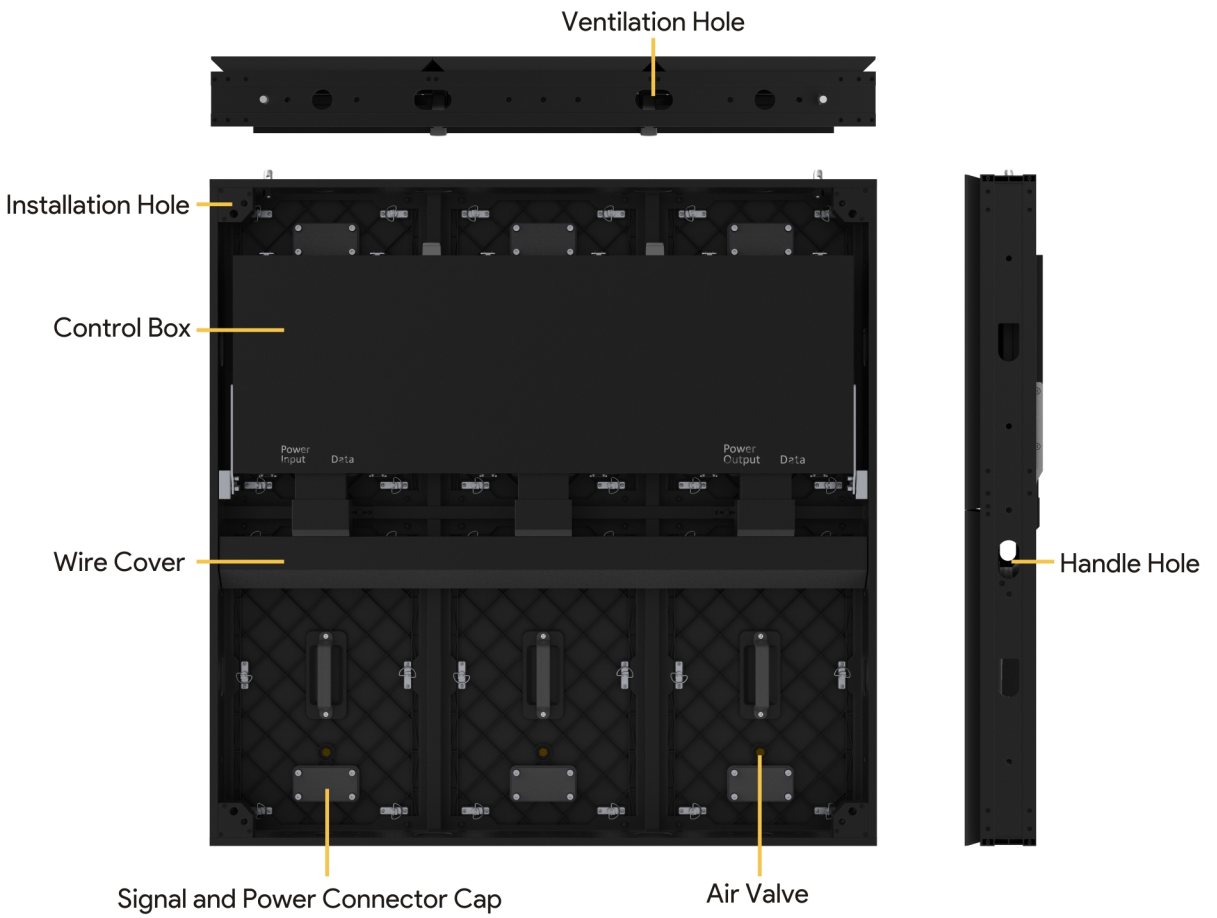
Professional Manufacturer of LED Display

Outdoor fixed installation Msign series
Born to be landmark
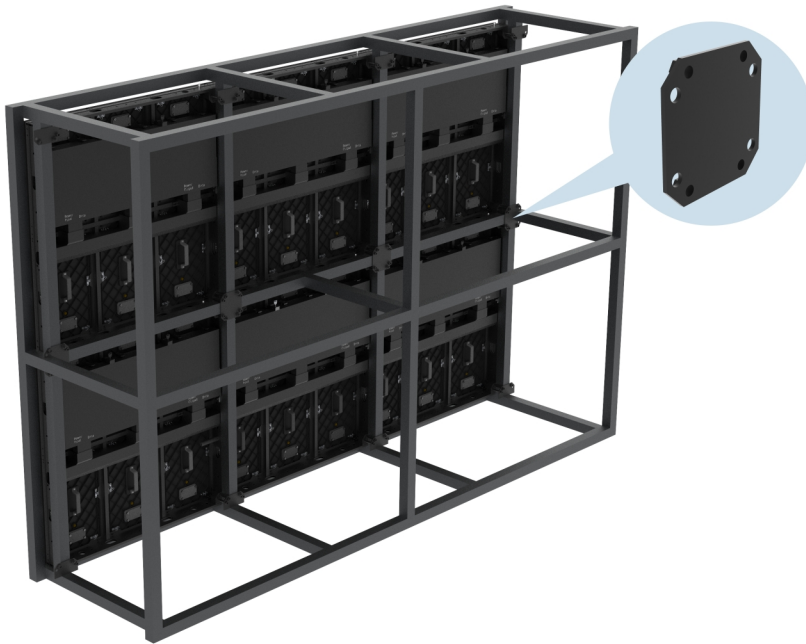

Cabinet size:

960X960X105mm   1280X960X105mm   1280X480X105mm

640X960X105mm   960X480X105mm   1600X480X105mm

Ventilation Hole

Installation Hole

Control Box

Power
Input   Data

Power
Output   Data

Wire Cover

Handle Hole

Signal and Power Connector Cap

Air Valve

320mm

480mm

▶ Module size: 320X480mm, bigger module,
   better flatness

▶ Big handle, more comfortable for grip.

High Compatibility Upgrade Freely

► Universal cabinet frame is suitable for all pixel pitch. 6 cabinet sizes available for different installation requirement.

► 8-holes fixing plate support front and rear installation; compatible with 5050 and 4040 steel frame, supports vertical and horizontal steel frame installation, one plate suitable for all application, saving more cost on construction design and installation.

Partition design, efficient maintenance is improved by more than 3 times

► Support full front & front and rear dual maintenance. Partition design on control box, which realize the partition maintenance, simplify maintenance steps.

► The control box and the wire box are independent. Modules can be quickly replaced without disconnecting the power. Maintenance on single module does not affect the display of whole screen.
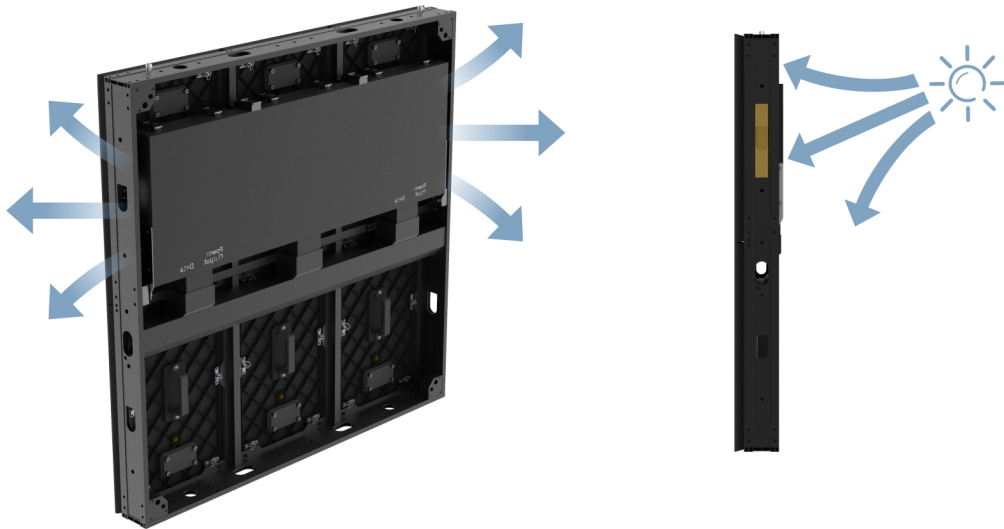

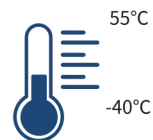rear maintenance

front maintenance

Heat isolation+ heat dissipation dual system

► Heat isolation system: there are space between the power supply and module, also the space from the power box, both front and back air circulation create a better heat isolation.

► Heat dissipation system: aluminum material, cabinet ventilation structure and module heat conduction design, which realizes better heat dissipation to ensure screen reliability.

Independent waterproof design, working in severe environment

► Module and control box are both with independent waterproof design, can reach to IP65.

► Barrier-free for installation and maintenance even in rainy day.

► Working temperature can reach to -40℃ to 55℃
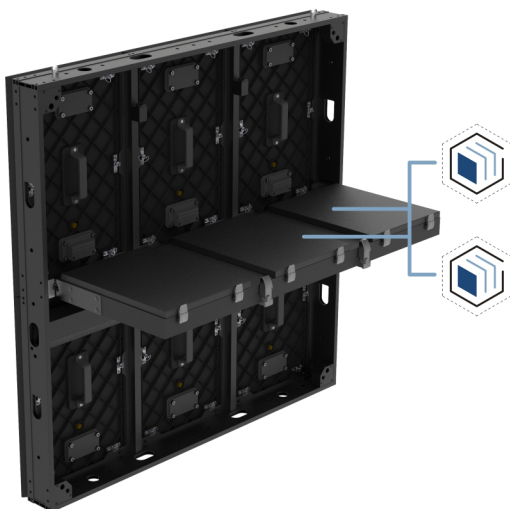
Humanized automatic brightness adjustment with high performance

► Brightness can be adjusted automatically according to natural light, no light pollution, more comfortable to watch.

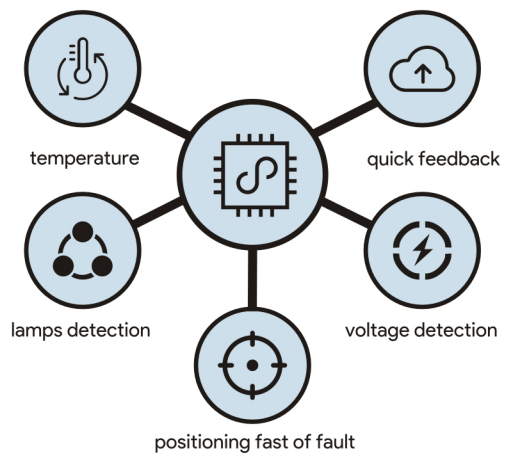► Optional high shader mask, high-contrast to support strong light application.

Power & signal backup

► Power and signal backup makes screen have double guarantees when using, stable and reliable working are ensured.

Smart module, smart monitoring

► Detection of temperature, lamp, location, voltage and quick feedback all can be achieved with smart module functions.

temperature

quick feedback

lamps detection

voltage detection

positioning fast of fault

shopping mall, commercial plaza, railway station, airport, bus station, subway, pedestrian street, Leisure wharf, exhibition hall, stadium, etc.

Product Parameters

	Items	YMsign-P03DUFU	YMsign-P04AUFQ	YMsign-P05AUFK	YMsign-P06GUFC	YMsign-P08AUFC	YMsign-P10AUFC	YMsign-P16AUFC
Module	LED Encapsulation	1516	1921	2727	3535	3535	3535	3535
	Pixel Pitch (mm)	3.3	4	5	6.6	8	10	16
	Module Resolution (W×H)	96X144	80X120	64X96	48X72	40X60	32X48	20X24
	Module Size (mm)	320X480	320X480	320X480	320X480	320X480	320X480	320X480
Cabinet	Module Quantity per Cabinet (W×H)	3X2(3X1 / 4X2 / 4X1 / 2X2 / 5X1)						
	Resolution (W×H)	288X288(288X144 / 384X288 / 384X144 / 192X288 / 480X144)						
	Size (mm)	960X960(960X480 / 1280X960 / 1280X480 / 640X960 / 1600X480)						
	Area (m^2)	0.9216(0.4608 / 1.2288 / 0.6144 / 0.6144 / 0.768)						
	Weight (kg/module)	35	35	35	35	35	35	35
	Pixel Density (dot/m^2)	90000	62500	40000	22500	15625	10000	3906
	IP Grade	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Optical Parameters	Brightness/Chroma Calibration	YES/YES	YES/YES	YES/YES	YES/YES	YES/YES	YES/YES	YES/YES
	White Balance Brightness (nit)	5500	5500	5500	6000	6000	6000	6000
	Horizontal/Vertical Viewing Angle (°)	160/120	160/120	160/120	160/120	160/120	160/120	160/120
	Contrast Ratio Uniformity	8000:1	8000:1	8000:1	10000:1	8000:1	8000:1	8000:1
Electrical Parameters	Power Consumption (W/m^2)	780/260	780/260	740/250	750/250	750/250	750/250	750/250
	Working Voltage	AC 100 ~ 240V						
Processing Performance	Driving Method	Constant Drive						
	Frame Frequency (Hz)	50 / 60						
	Refresh Rate (Hz)	≥1920(1920,2880,3840...)						
	Control System	Nova	Nova	Nova	Nova	Nova	Nova	Nova
Usage parameters	Communication Mode	CAT 5	CAT 5	CAT 5	CAT 5	CAT 5	CAT 5	CAT 5
Certificate	Product Certification	TUV CE/FCC/ETL						

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