Mplus Mini Series

Enjoy the microscopic vision

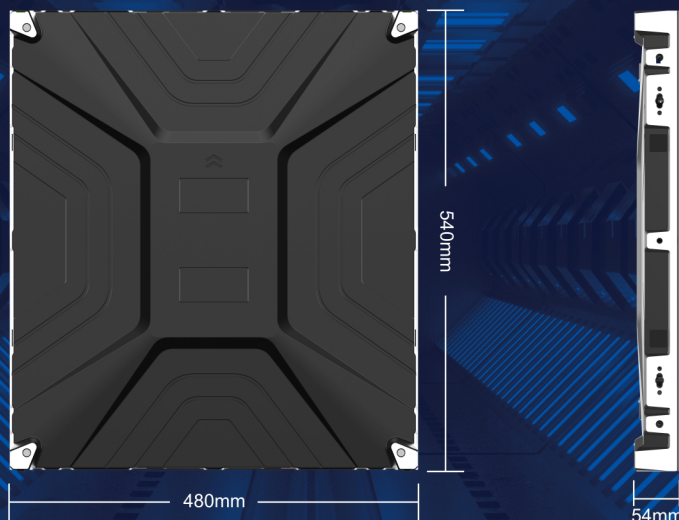Easy to maintain   High anti-collision   High grayscale   3840 High refresh

What is IMD?

The current "4 in 1" is the typical mode for the IMD integrated packaging solution, which is more convenient for the maintenance and operation. Comparing with other packaging methods, the 4 in 1 packaging has a better performance on the repair efficiency . Better color consistency will bring higher definition and more delicate display. It can be widely used for enterprise business, studio, command and control room and other kinds of indoor display.

IMD

Collision resistance improved

Good display consistency

Good heat dissipation

Easy to maintain
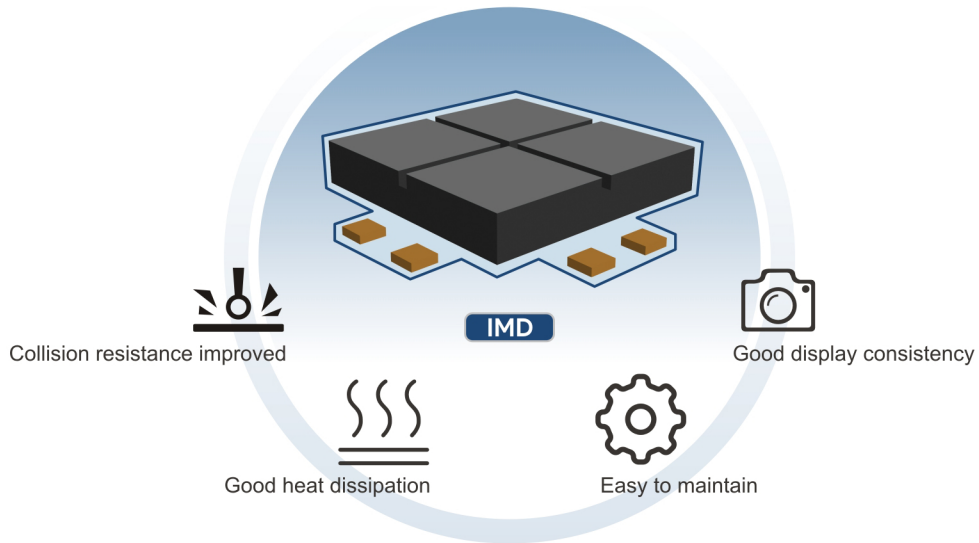
Space capsule shape design elements
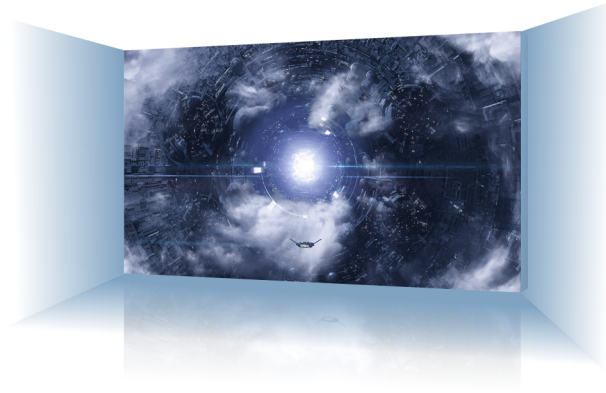## More futuristic sense of technology

540mm

480mm

54mm

Cabinet size: 480*540*54mm

High quality picture

Surface emitting technology, comfortable for watching

With surface light emitting technology, the picture is soft, no particle sense, no noise sense, long time watching is very comfortable.

Picture quality solution, better dynamic display

Picture quality solution: the use of high image quality solution brings the significant advantages in grayscale and color management.

22bit grayscale output: broadcast level on grayscale processing, enhance the grayscale by 64 times, the gray gradient is more delicate and natural. Combined and ultra-high refresh rate, with nanosecond response time characteristics, the picture is clearer, dynamic imaging reduction is also higher.

Normal display

Rapid dynamic display

Seamless, high flatness

Floating interface

The module adopts the floating docking interface, which can realize the movement of the LED module by 0.8mm without affecting the flatness.

The module can be adjust the position by horizontal and vertical with high flexibility to deal with gaps.

Combined with excellent image noise reduction processing, it improves image smoothness, present the best visual effect.


0.8mm
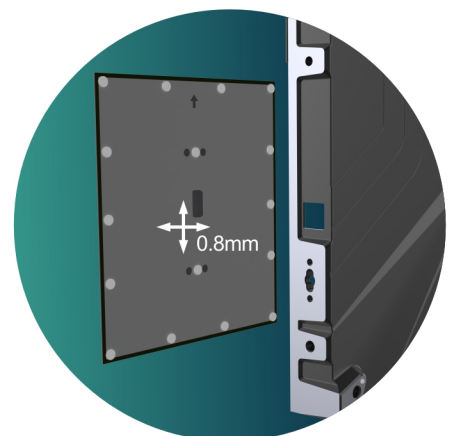
Stable and reliable

The use of integrated matrix packaging technology makes the high strength of LED, improves the anti-collision.
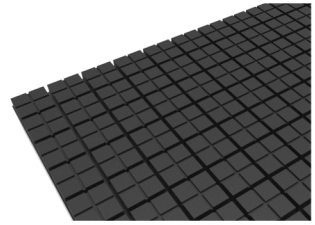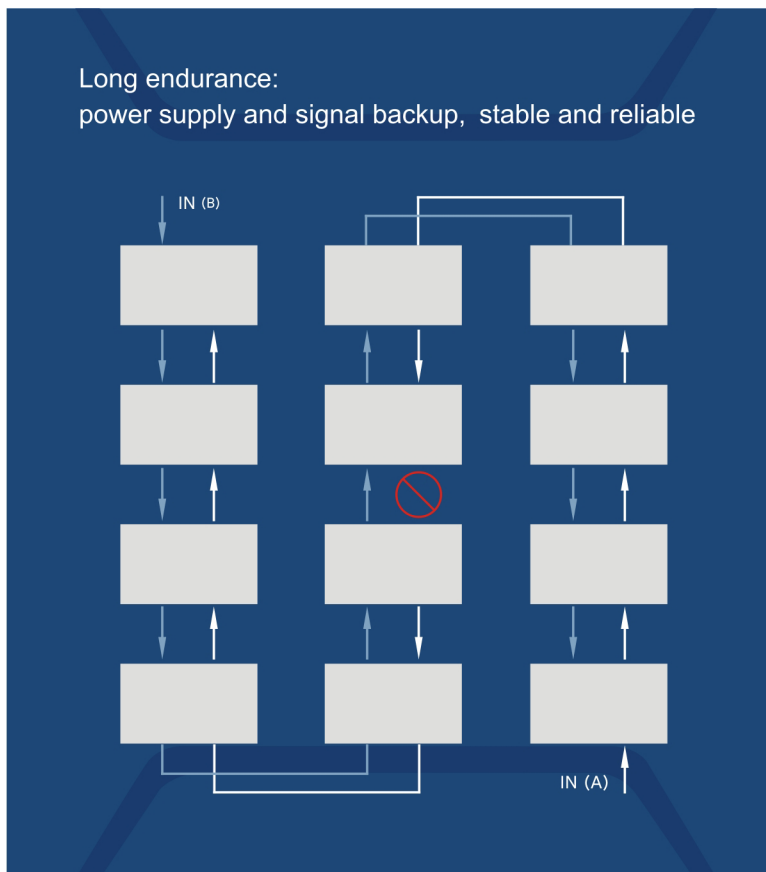
The power supply is close to the back of the cabinet, low calorific value, good thermal conductivity, super quiet, stable display.

Optional common cathode (P0.9), energy saving and environmental protection.
Power supply and signal backup, stable and reliable.
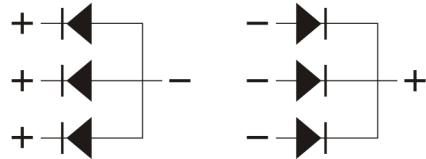
Long endurance:
power supply and signal backup, stable and reliable

IN (B)

IN (A)

Convenient in using

The ratio of cabinet design is 8:9, which can easily realize 16:9/4:3 proportional screen assembly, it can directly replace the original 4:3 screen to meet the different needs and improve the installation speed;

Light: Light weight cabinet, a single cabinet weight 6.2kg, compared with the same area of the conventional cabinet (take as 600*337.5mm cabinet for example), it is lighter 12% per square meter;

Thin: support wall installation, save more installation space. Hanging installation, stacking installation, wall mounting installation; Support the screen +5° to -5° connection, more options for the installation.

12%

Light
6.2kg per cabinet
Lighter 12% per square
(compared with the conventional cabinet)

+5° to -5° connection

54mm

Thin
Support wall installation,
save more installation space

+5°
0°
-5°
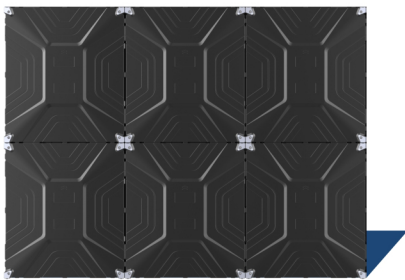
4:3
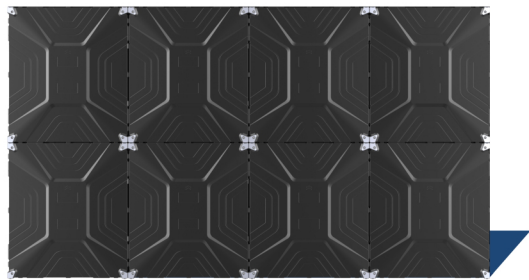
16:9

Wall installation

Hanging installation
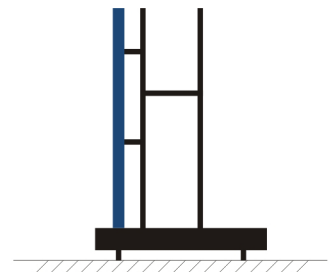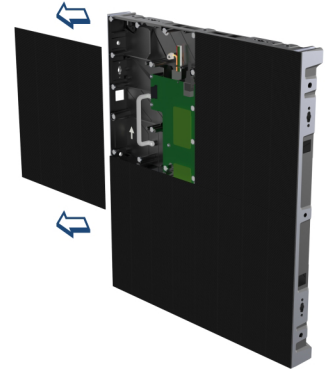

Stacking installation

Complete front maintenance, more convenient

Complete front maintenance, more convenient, the module, power supply and receiving card can be all replaced from front with low maintenance cost.

Supporting wireless connection(optional), the operation is more convenient and simple.

Applications

business enterprise, studio, command and control center, etc

Product Parameters

	Items	YPM-P00JNFT	YPM-P01CNFT	YPM-P01FNFT
Module	LED Encapsulation	IMD	IMD	IMD
	Pixel Pitch (mm)	0.9375	1.25	1.875
	Module Resolution (W×H)	256X288	192X216	128X144
	Module Size (mm)	240X270	240X270	240X270
Cabinet	Module Quantity per Cabinet (W×H)	2X2	2X2	2X2
	Resolution (W×H)	512X576	384X432	256X288
	Size (mm)	480X540X54 (8:9)	480X540X54 (8:9)	480X540X54 (8:9)
	Area (m^2)	0.2592	0.2592	0.2592
	Weight (kg/cabinet)	6.2	6.2	6.2
	Pixel Density (dot/m^2)	1137777	640000	284444
	IP Grade	IP50	IP50	IP50
Optical Parameters	Brightness/Chroma Calibration	YES/YES	YES/YES	YES/YES
	White Balance Brightness (nit)	700-800	550-600	550-600
	Horizontal/Vertical Viewing Angle (°)	160°/160°	160°/160°	160°/160°
	Contrast Ratio Uniformity	10000:1	5000:1	5000:1
Electrical Parameters	Power Consumption (W/m^2)	620/220	580/195	540/180
	Working Voltage	AC100~240V	AC100~240V	AC100~240V
Processing Performance	Driving Method	Constant Drive	Constant Drive	Constant Drive
	Scanning Method	1/48	1/54	1/36
	Frame Frequency (Hz)	50/60	50/60	50/60
	Refresh Rate (Hz)		≥1920(1920,2880,3840...)	
	Control System	Nova	Nova	Nova
Usage parameters	Communication Mode	CAT 5	CAT 5	CAT 5
Certificate	Product Certification		CE,FCC,ETL,CCC,CECP	

	Items	YPM-P01CNFM	YPM-P01FNFA	YPM-P01INFS
Module	LED Encapsulation	SMD1010	SMD1212	SMD1515
	Pixel Pitch (mm)	1.25	1.5	1.8725
	Module Resolution (W×H)	192X216	160X180	128X144
	Module Size (mm)	240X270	240X270	240X270
Cabinet	Module Quantity per Cabinet (W×H)	2X2	2X2	2X2
	Resolution (W×H)	384X432	320X360	256X288
	Size (mm)	480X540X54 (8:9)	480X540X54 (8:9)	480X540X54 (8:9)
	Area (m^2)	0.2592	0.2592	0.2592
	Weight (kg/cabinet)	6.2	6.2	6.2
	Pixel Density (dot/m^2)	640000	444444	284444
	IP Grade	IP50	IP50	IP50
Optical Parameters	Brightness/Chroma Calibration	YES/YES	YES/YES	YES/YES
	White Balance Brightness (nit)	550-600	550-600	550-600
	Horizontal/Vertical Viewing Angle (°)	160°/160°	150°/140°	160°/160°
	Contrast Ratio Uniformity	5000:1	5000:1	5000:1
Electrical Parameters	Power Consumption (W/m^2)	540/180	420/140	400/135
	Working Voltage	AC100~240V	AC100~240V	AC100~240V
Processing Performance	Driving Method	Constant Drive	Constant Drive	Constant Drive
	Scanning Method	1/54	1/45	1/36
	Frame Frequency (Hz)	50/60	50/60	50/60
	Refresh Rate (Hz)		≥1920(1920,2880,3840...)	
	Control System	Nova	Nova	Nova
Usage parameters	Communication Mode	CAT 5	CAT 5	CAT 5
Certificate	Product Certification		CE,FCC,ETL,CCC,CECP	

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