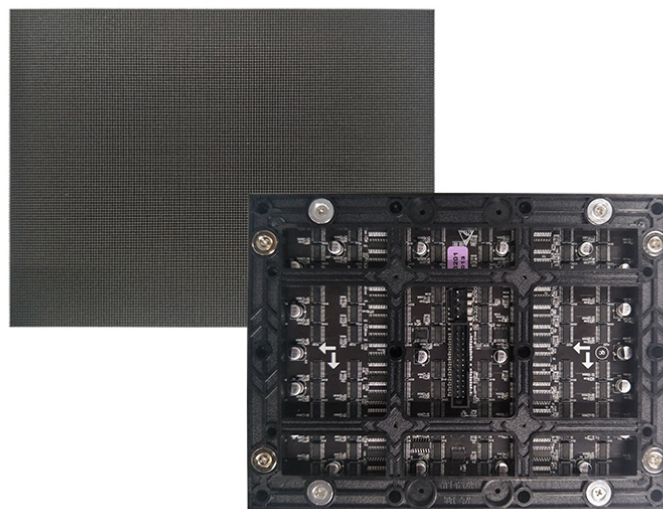


TW21 MD Series

Fine Pixel Pitch LED Display

High Definition and Clearly Detail Indoor Application





TW21 MD Series

Fine Pixel Pitch LED Display

High Definition Image Quality

The ultra-high resolution of fine-pitch LEDs brings exquisite display effects, and it is the perfect embodiment of the new generation of ultra-high-definition LED display technology.



General Display Quality



iSEMC Display Quality



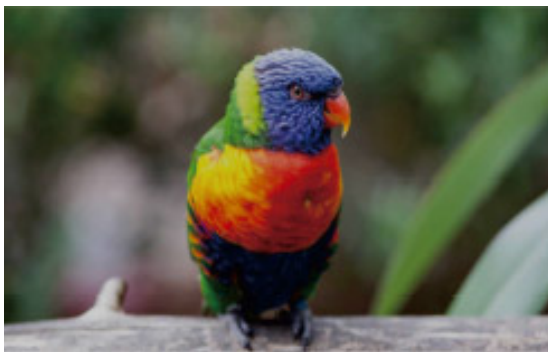
4K Resolution

Easy to Achieve 4K or higher Resolution

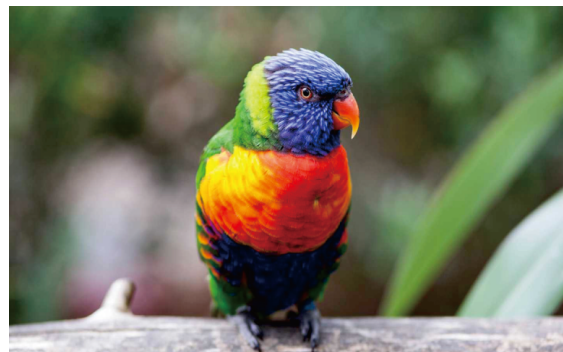
The fine-pitch LED display can be spliced in any size and in any direction, and a variety of video source specifications can be selected, and it is easy to realize FHD and 4K large screens.

More Delicate Image Display

Using high-quality black body LED lights, with a black mask, the contrast ratio is as high as 3000:1, making the picture more clear, delicate and bright.



General Display Gray Level



iSEMC Display Gray Level

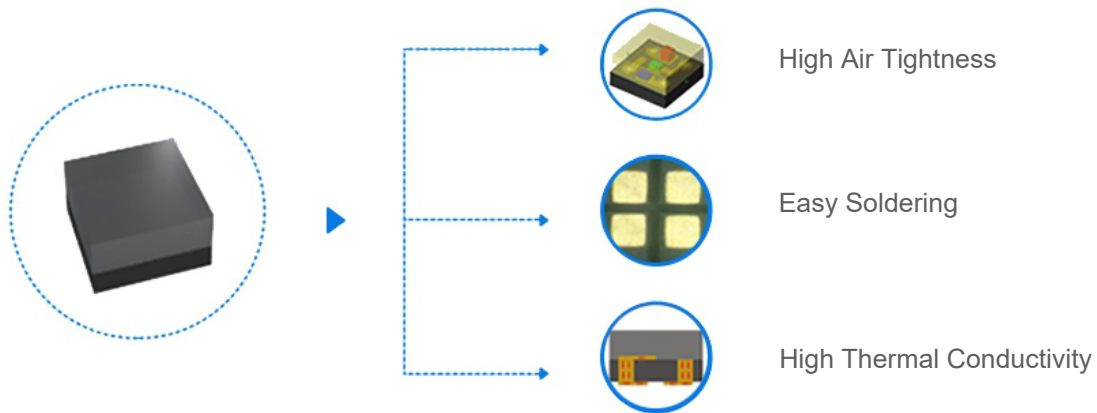
Professional Image With High Refresh Rate

Up to 3840Hz high refresh rate keeps it high quality display performance even under professional camera, no water waves or screen flashing, totally meet the live show requirements.



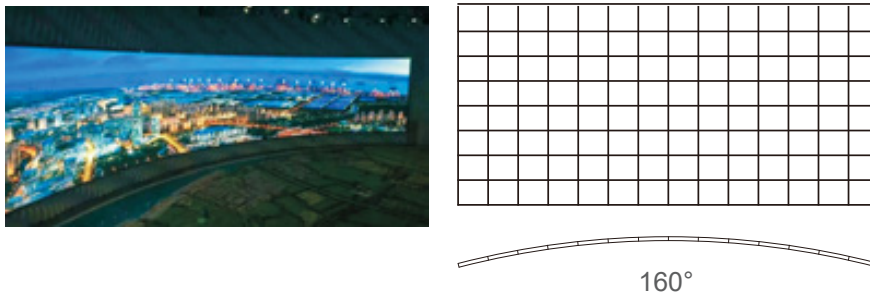
High Quality Material

Details determine success or failure, only high-quality materials are used



Excellent Performance

The superior contrast with deep black PCB to show vivid image details. High refresh rate to decrease moire-effect even in the shoot of professional camera. Low brightness with high gray scale and full HD processing to meet the high standard of demands. $\pm 160^\circ$ view angle brings a truly amazing image with highly color consistency from any angles.



Specification	P1.2	P1.5	P1.6	P1.8	P2.0	P2.5	P3.0	P4.0
Pixel Pitch(mm)	1.25mm	1.53mm	1.667mm	1.839mm	2.0mm	2.5mm	3.076mm	4.0mm
Pixel Density (pixels/sqm)	640,000	429,975	360,000	295,690	250,000	160,000	105,688	62,500
Input Voltage	220V	220V	220V	220V	220V	220V	220V	220V
Lamp Type	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121
Module Size(mm)	320×160 (mm)	320×160 (mm)	320×160 (mm)	320×160 (mm)	320×160 (mm)	320×160 (mm)	320×160 (mm)	320×160 (mm)
Module Resolution(mm)	256×128	208×104	192×96	174×87	160×80	128×64	104×52	80×40
Optimum Viewing Distance	1.2m-15m	1.5m-20m	1.5m-20m	1.8m-28m	2.0m-25m	2.5m-30m	3.0m-40m	4.0m-40m
Horizontal Viewing Angle	≥160°	≥160°	≥160°	≥160°	≥160°	≥160°	≥160°	≥160°
Vertical Viewing Angle	≥140°	≥140°	≥140°	≥140°	≥140°	≥140°	≥140°	≥140°
Max. Power Consumption	39.5w	37.5w	36.5w	34.5w	33.5w	28.5w	23w	20w
Drive Mode	1/64	1/52	1/48	1/29	1/40	1/32	1/26	1/20
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
White Balance Brightness	450cd/m ²	450cd/m ²	450cd/m ²	450cd/m ²	550cd/m ²	550cd/m ²	450cd/m ²	450cd/m ²
Weight	0.2kg	0.2kg	0.2kg	0.2kg	0.18kg	0.18kg	0.18kg	0.18kg
Operating Temp(°C)	-20°C~60°C							
Storage Temp(°C)	-25°C~60°C							
Humidity Range	10%~90%, Non-condensing							
Life Time	75,000~100,000hr							