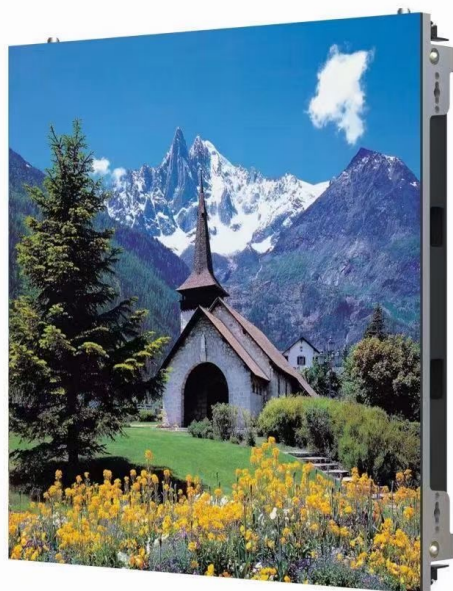


TW21 Series

Fine Pixel Pitch LED Display

High Definition and Clearly Detail Indoor Application





TW21 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



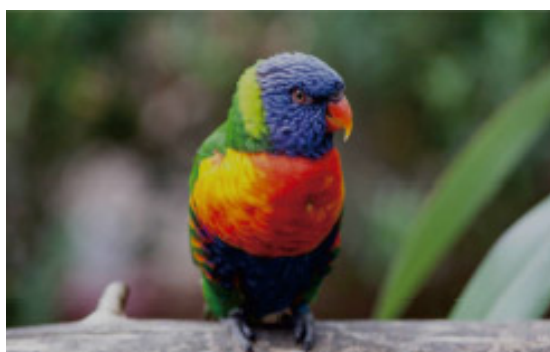
4K Resolution

Easy to Achieve 4K or higher Resolution

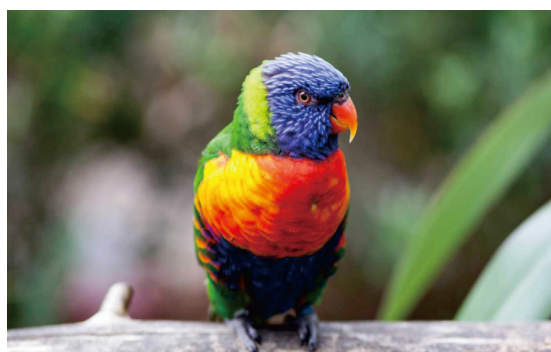
The fine-pitch LED display can be spliced in any size and in any direction, and a variety of video source specifications can be selected, and it is easy to realize FHD and 4K large screens.

More Delicate Image Display

Using high-quality black body LED lights, with a black mask, the contrast ratio is as high as 5000:1, making the picture more clear, delicate and bright.



General Display Gray Level



iSEMC Display Gray Level

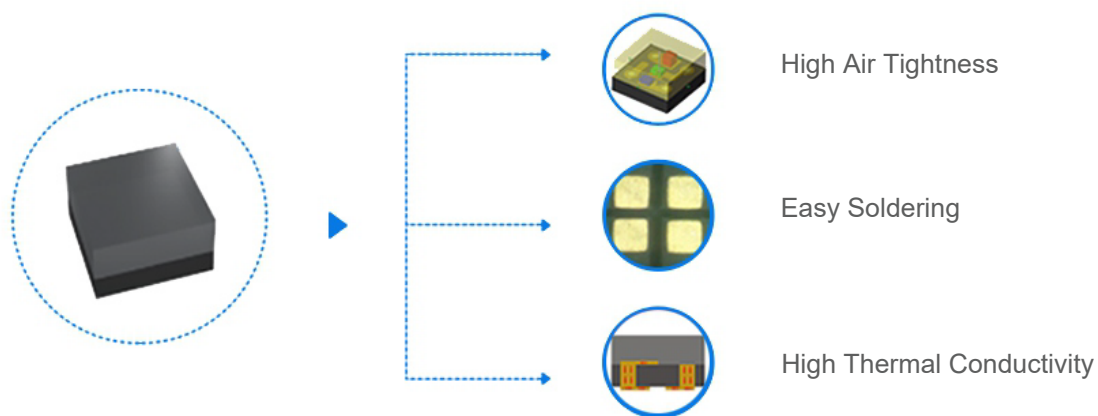


Professional Image With High Refresh Rate

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.

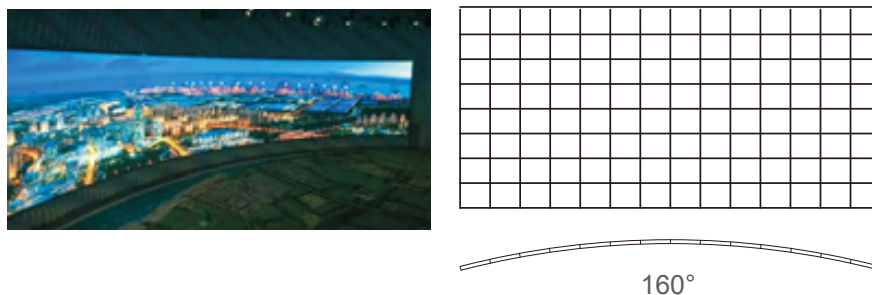
High Quality Material

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	P1.25	P1.56	P1.667	P1.875	P2.0	P2.5	P3.0	P4.0
Pixel Pitch(mm)	1.25mm	1.5625mm	1.667mm	1.875mm	2.0mm	2.5mm	3.0mm	4.0mm
Pixel Density (pixels/sqm)	640,000	409,600	360,000	284,444	250,000	160,000	111,111	62,500
Cabinet Resolution	512×384	256×192	384×288	256×256	320×240	256×192	192×192	160×160
Cabinet Dimension	640×480×70 (mm)	400×300×75 (mm)	640×480×70 (mm)	480×480×75 (mm)	640×480×70 (mm)	640×480×70 (mm)	576×576×80 (mm)	640×640×80 (mm)
Lamp Type	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121
Module Size(mm)	320×160 (mm)	200×150 (mm)	320×160 (mm)	240×240 (mm)	320×160 (mm)	320×160 (mm)	192×192 (mm)	320×160 (mm)
Module Resolution(mm)	256×128	128×96	192×96	128×128	160×80	128×64	64×64	80×40
Optimum Viewing Distance	1.2m-15m	1.5m-20m	1.6m-25m	1.8m-28m	2.0m-25m	2.5m-30m	3.0m-40m	4.0m-40m
Horizontal Viewing Angle	≥160°	≥140°	≥160°	≥160°	≥160°	≥160°	≥160°	≥140°
Vertical Viewing Angle	≥140°	≥120°	≥140°	≥140°	≥140°	≥140°	≥160°	≥120°
Control System	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control
Average Power Consumption	350w/m ²	350w/m ²	400w/m ²	400w/m ²	400w/m ²	400w/m ²	400w/m ²	300w/m ²
Max Power Consumption	700w/m ²	800w/m ²	800w/m ²	800w/m ²	800w/m ²	800w/m ²	800w/m ²	800w/m ²
Drive Mode	1/64	1/48	1/48	1/32	1/40	1/32	1/32	1/20
Refresh Rate	3840Hz	3840Hz	3840Hz	1920Hz	3840Hz	1920Hz	1920Hz	1920Hz
White Balance Brightness	450cd/m ²	450cd/m ²	450cd/m ²	600cd/m ²	600cd/m ²	500cd/m ²	600cd/m ²	500cd/m ²
Frame Rate	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Brightness Adjustment	16 levels	16 levels	16 levels	16 levels	16 levels	16 levels	16 levels	16 levels
Cabinet Weight	7.0±0.05kg	5.3±0.05kg	7.0±0.05kg	6.7±0.05kg	7.0±0.05kg	7.0±0.05kg	8.0±0.05kg	10.5±0.05kg
Operating Temp(℃)	-20℃~60℃							
Storage Temp(℃)	-25℃~60℃							
Humidity Range	10%~90%, Non-condensing							
Life Time	75,000~100,000hr							