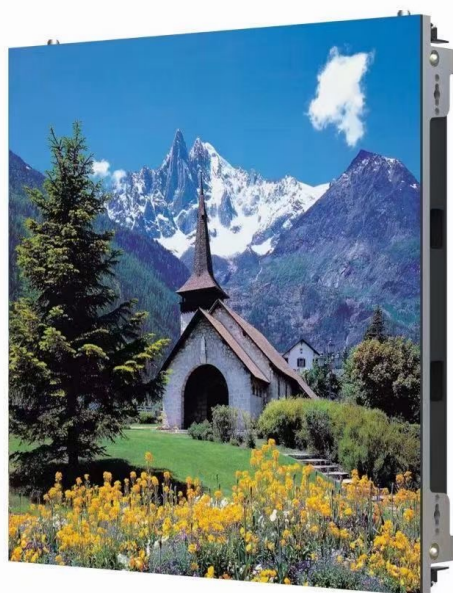


TW21 DC Series

Fine Pixel Pitch LED Display

High Definition and Clearly Detail Indoor Application





TW21 DC 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



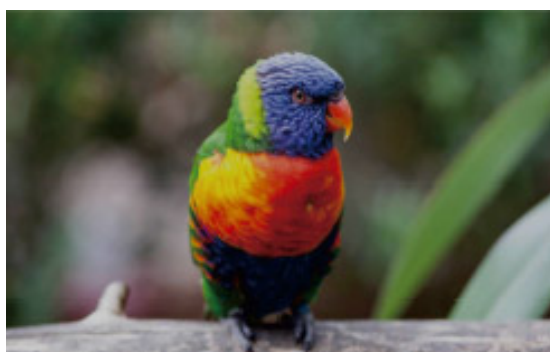
4K Resolution

Easy to Achieve 4K or higher Resolution

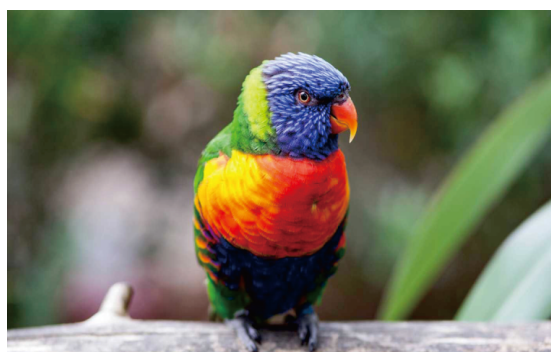
The fine-pitch LED display can be spliced in any size and in any direction, and a variety of video source specifications can be selected, and it is easy to realize FHD and 4K large screens.

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

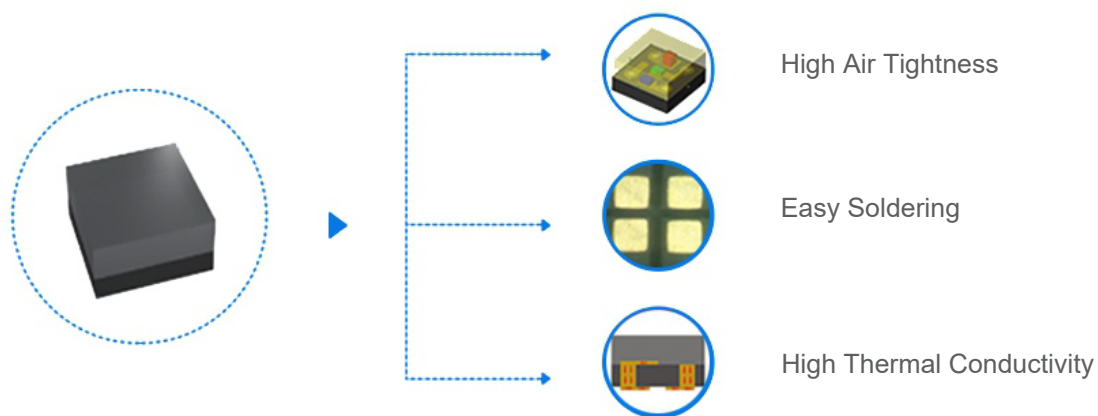


Professional Image With High Refresh Rate

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.

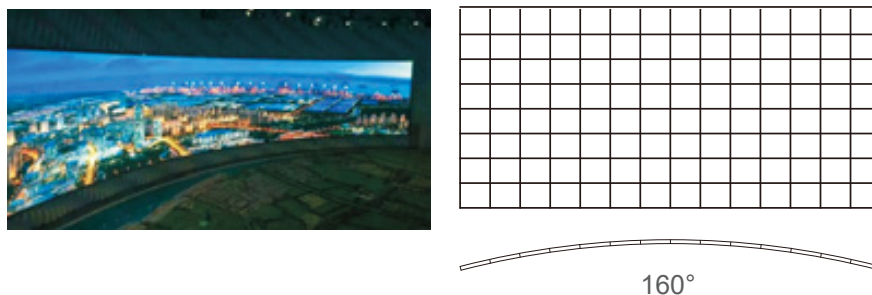
High Quality Material

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	
Pixel Pitch(mm)	1.25mm	1.53mm	1.667mm	1.839mm	2.0mm	2.5mm	3.076mm	
Pixel Density (pixels/sqm)	640,000	429,975	360,000	295,690	250,000	160,000	105,688	
Cabinet Resolution	512×384	416×312	384×288	348×261	320×240	256×192	208×156	
Cabinet Dimension	640×480 (mm)	640×480 (mm)	640×480 (mm)	640×480 (mm)	640×480 (mm)	640×480 (mm)	640×480 (mm)	
Lamp Type	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	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)	
Module Resolution(mm)	256×128	208×104	192×96	174×87	160×80	128×64	104×52	
Optimum Viewing Distance	1.2m-15m	1.5m-20m	1.5m-20m	1.8m-28m	2.0m-25m	2.5m-30m	3.0m-40m	
Horizontal Viewing Angle	≥160°	≥160°	≥160°	≥160°	≥160°	≥160°	≥160°	
Vertical Viewing Angle	≥140°	≥140°	≥140°	≥140°	≥140°	≥140°	≥160°	
Control System	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	Synchronous Control	
Average Power Consumption	237w/m ²	225w/m ²	219w/m ²	155w/m ²	147w/m ²	127w/m ²	124w/m ²	
Max. Power Consumption	711w/m ²	675w/m ²	657w/m ²	470w/m ²	440w/m ²	385w/m ²	377w/m ²	
Drive Mode	1/64	1/52	1/48	1/29	1/40	1/32	1/26	
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	
White Balance Brightness	450cd/m ²	450cd/m ²	450cd/m ²	600cd/m ²	600cd/m ²	500cd/m ²	600cd/m ²	
Frame Rate	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	
Cabinet Weight	6.7±0.05kg	6.7±0.05kg	6.7±0.05kg	6.7±0.05kg	7.0±0.05kg	7.0±0.05kg	8.0±0.05kg	
Operating Temp(℃)	-20℃~60℃							
Storage Temp(℃)	-25℃~60℃							
Humidity Range	10%~90%, Non-condensing							
Life Time	75,000~100,000hr							