

# iX Series

Indoor Small Pitch Pitch LED Display - COB & SMD

## Applications



## Various Installation Way



## Small Cabinet Option

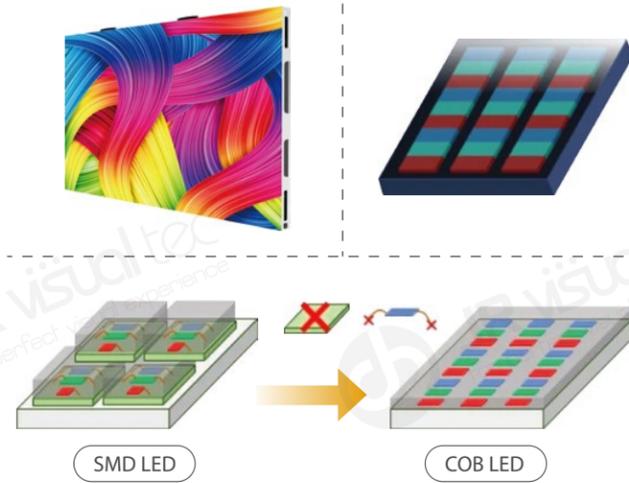


## Excellent Curve Screen



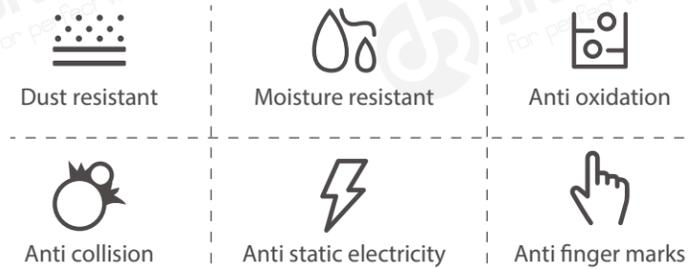
### Benefits of COB LED Technology

- Superior Pixel Pitch
- Improved Reliability
- Great Energy Efficiency
- Enhanced Viewing Experience



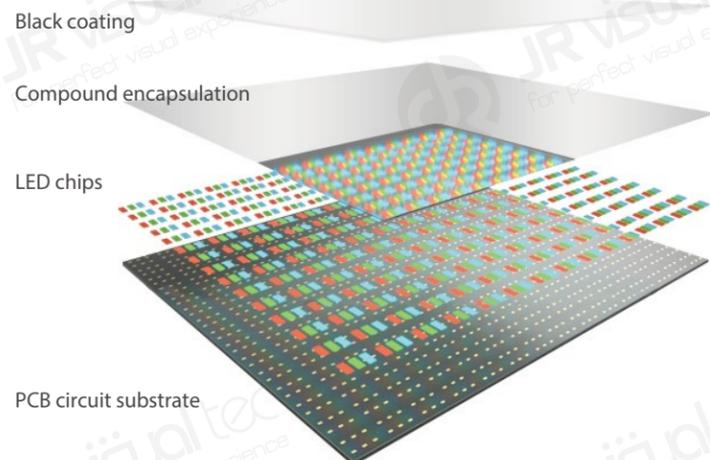
### Strong against External Impact

The panel-level packaging technique forms an ultra-strong protective structure against all external impacts, ensuring reliable performance around the clock, bringing ever-present brilliance.



### Flip Chip Technology

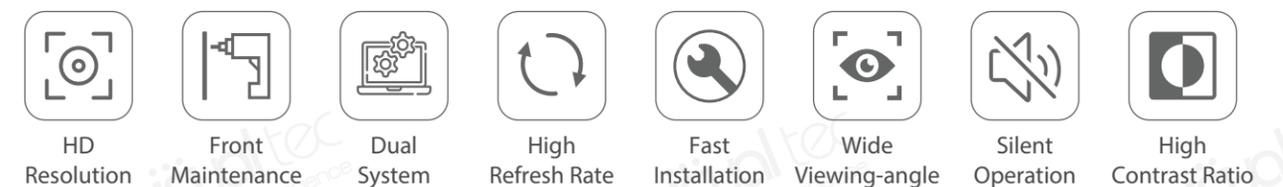
- X3 Contrast boost
- X4 Surface stronger
- 50% Lower failure rate
- 40% More energy efficient



### iX-COB Specification

No.	Model	iX-COB-P0.78125	iX-COB-P0.9375	iX-COB-P1.25	iX-COB-P1.5625	
LED Type	LED Type	Flip chip	Flip chip	Flip chip	Flip chip	
	Pixel Pitch (mm)	0.78125	0.9375	1.25	1.5625	
	Pixel Composition	1R1G1B	1R1G1B	1R1G1B	1R1G1B	
	Module Resolution (W x H)	192 x 216	160 x 180	120 x 135	96 x 108	
	Module Size (mm)	150x337.5				
Module	Module Arrangement (W x H)	4x2				
	Cabinet Resolution (W x H)	768 x 512	640 x 360	480 x 270	384 x 216	
	Cabinet area (m <sup>2</sup> )	0.2025 / 27"				
	Cabinet size (mm)	600 x 337.5				
	Cabinet Material	Die-casting Aluminum				
	Net.weight/Cabinet (kg)	4.5				
	Ingress Protection	IP31				
Cabinet	Working Voltage (V)	100-240				
	Serviceability	Front				
	Max.Power Consumption (W/m <sup>2</sup> )	420	420	420	420	
	Avg.Power Consumption (W/m <sup>2</sup> )	80-150	80-150	80-150	80-150	
	Viewing Angle (H/V °)	170/170	170/170	170/170	170/170	
	Brightness (cd/m <sup>2</sup> )	600	600	600	600	
	Pixel Density (dots/m <sup>2</sup> )	1,638,400	1,137,778	640,000	409,600	
	Scan Mode	1/48	1/60	1/60	1/48	
	Display	Contrast Ratio	10,000 : 1			
		Operation Temperature/Humidity	-20°C~+45°C / 10~80%RH			
Lifetime (50% Brightness)		100000				
Greyscale (bit)		16				
Refresh Rate		3840				
Frame Rate		50/60				
Screen Angle		Flat, Concave, Convex, 90°				
Installation Method		Direct wall Mounting / Mounting Frame				
Certificate		CE / EMC / LVD / RoHS				

Remarks: The power consumption will fluctuate within ± 15%, depending on the brightness of different batches of lamps, subject to the actual situation.





### Wide color gamut +HDR



iX cabinet adopts a 16:9 display ratio which can be easily spliced into 2K, 4K or 8K screens for a truly immersive viewing experience.



### Seamless Splicing

- Die-casting Aluminum Cabinet structure with CNC high-precision processing (Flatness of Cabinet ≤ 0.1mm)
- Screwless design for faster and more secure installation
- Super silent fanless design



### Front maintenance

Can be applied to different installation environments



### iX-SMD Specification

No.	Model	iX-P0.9375	iX-P1.25	iX-P1.5625	iX-P1.875
LED Type	LED Type	Mini LED 4 in 1	SMD1010	SMD1010/SMD1212	SMD1010/SMD1515
	Pixel Pitch (mm)	0.9375	1.25	1.5625	1.875
Module	Pixel Composition	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	Module Resolution (W x H)	320 x 180	240 x 135	192 x 108	160 x 90
	Module Size (mm)	300 x 168.75			
	Module Arrangement (W x H)	2 x 2			
Cabinet	Cabinet Resolution (W x H)	640 x 360	480 x 270	384 x 216	320 x 180
	Cabinet area (m <sup>2</sup> )	0.2025			
	Cabinet size (mm)	600 x 337.5 x 27.5 (W x H x D)			
	Cabinet Material	Die-casting Aluminum			
	Net.weight/Cabinet (kg)	4.5			
	Ingress Protection	IP31			
	Working Voltage (V)	AC 90-264			
	Serviceability	Front Access			
	Max.Power Consumption (W/m <sup>2</sup> )	350	350	350	350
	Avg.Power Consumption (W/m <sup>2</sup> )	100	100	100	100
Display	Viewing Angle (H/V °)	170/170	170/170	170/170	170/170
	Brightness (cd/m <sup>2</sup> )	600	600	600	600
	Pixel Density (dots/m <sup>2</sup> )	1,137,778	640,000	409,600	284,444
	Scan Mode	1/46	1/45	1/48	1/45
	Contrast Ratio	10,000:1			
	Operation Temperature/Humidity	-20°C~+45°C / 10~80%RH			
	Lifetime (50% Brightness)	100,000			
	Greyscale (bit)	16			
	Refresh Rate	3,840 HZ			
	Frame Rate	50 / 60			
Screen Angle	Flat, Concave, Convex, 90°				
Installation Method	Direct wall Mounting / Mounting Frame				
Certificate	CE, EMC, LVD, RoHS				

Remarks: The power consumption will fluctuate within ± 15%, depending on the brightness of different batches of lamps, subject to the actual situation.

### Project Case

