



Black Diamond Series

Indoor COB Fine Pitch

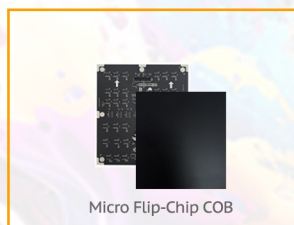
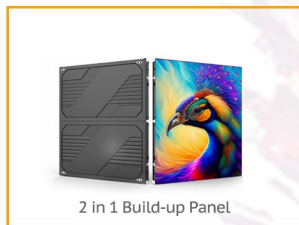
0.9mm | 1.2mm | 1.5mm | 1.8mm

All Flip-Chip COB



KEY FEATURES:

- XIV COB Mini Flip Chip Technology
- Shockproof, Static Free & Anti-oil Stain
- 3 in 1 integrated System Cost Effective
- Low Power Consumption, Noise Free
- High Contrast Ratio 10000:1



High Vision Display brings the best visual experience.

XIV Color management technology achieve to automatic adaption the original video color gamut, to be realized color rich display, excellent sharpness texture in dark areas, and realistic color reproduction.



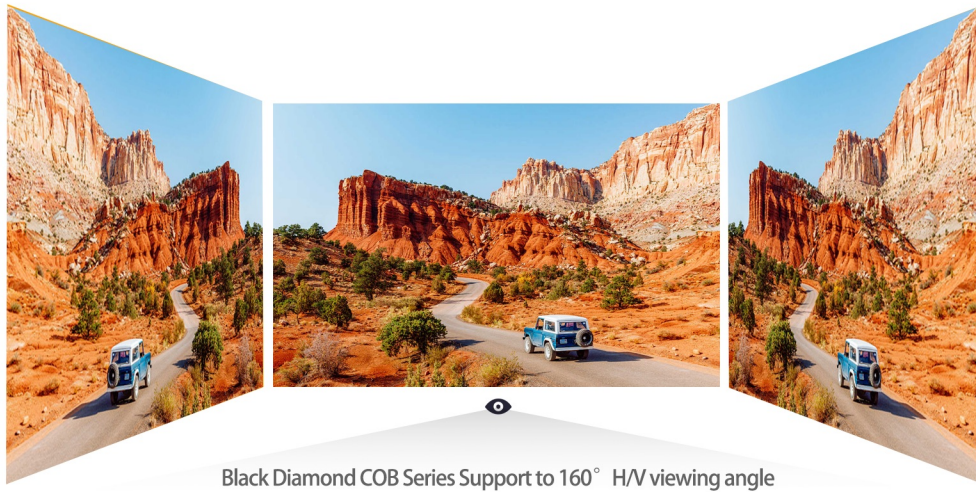
Before Processing



After Processing

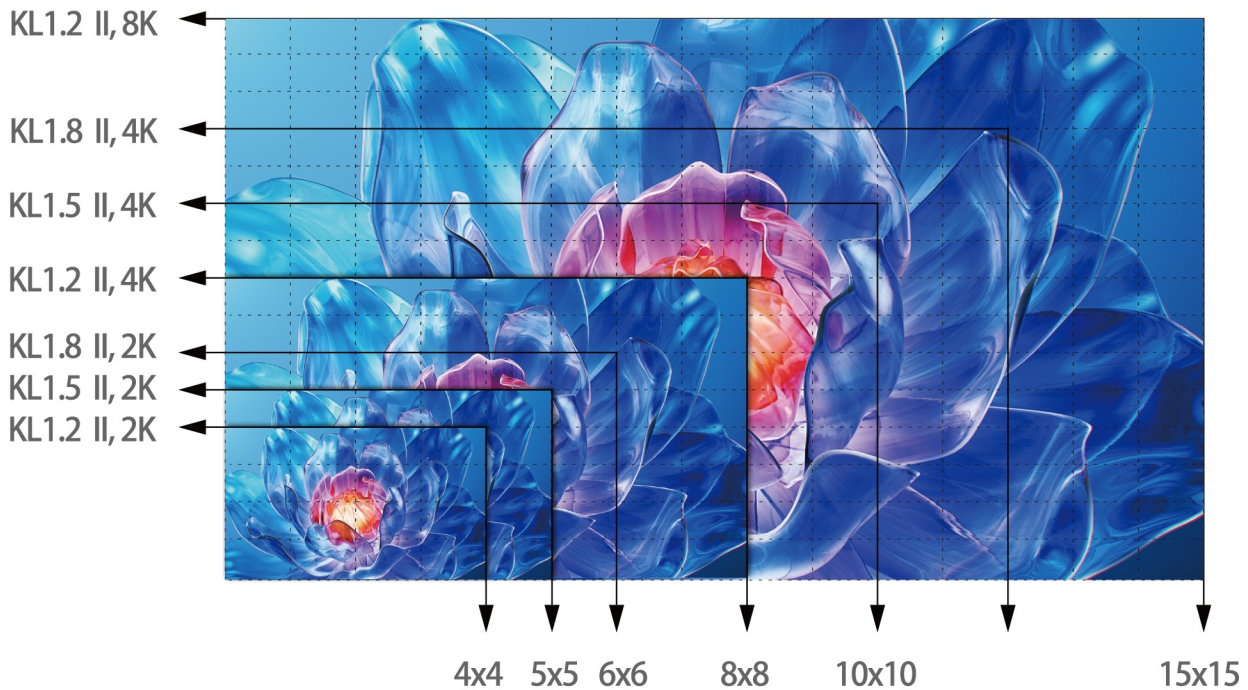
Widely Viewing Angle

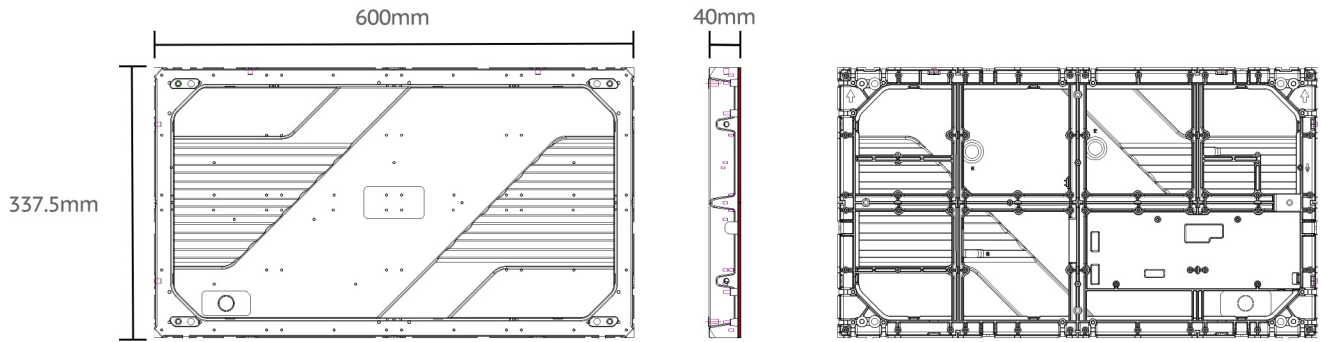
XIV Black Diamond COB Screens can provide a wide viewing angle up to 160° horizontal, and leads more audience who sit in different place to admire stunning audio-visual feasts.



2K 4K 8K Panel Displays

XIV Black Diamond Series Indoor COB panels can be quickly spliced into a 16:9 screen according to your project needs, achieve to 2K, 4K or even 8K visual display.





Model No.	Black Diamond COB Series	BD0.7 Mini	BD0.9 Mini	BD1.2	BD1.5	BD1.8
Physical Parameters	Pixel Pitch	0.78mm	0.93mm	1.25mm	1.56mm	1.875mm
	LED Type	COB	Black SMD1010	Black SMD1212	Black SMD1515	Black SMD1515
	Module Size (mm)	150 x 168.75	150 x 168.75	150 x 168.75	150 x 168.75	150*168.75
	Module Resolution (dots)	192 x 126	160 x 180	120 x 135	96 x 108	80 x 90
	Pixel Density (dot/S.qm)	1,638,400	1,137,777	640,000	409,600	28,444
	Panel Size ① (W x H x D)	600 x 675 x 39.5 mm				
	Panel ① Resolution (dots)	768 * 864	640 * 720	480 * 540	384 * 432	320 * 360
	Panel ① G.W Per Unit (KG)	4.2 KG/Unit				
	Panel ② Size (W x H x D)	600 x 337.5 x 39.5 mm				
	Panel ② Resolution (dots)	768 * 432	640 * 360	480 * 270	384 * 216	320*180
	Panel ② G.W Per Unit (KG)	8.4 KG/Unit				
	Panel Resolution ②	768 * 432	640 * 360	480 * 270	384 * 216	320*180
	Frame Material	High Precision Die-casting Aluminum				
	Surface Treatment	Matt COB				
Surface Hardness	4H					
Electronic Parameters	Brightness (cd/m ²)	600nits ~1000 nits				
	Refresh Rate (Hz)	≥ 3840Hz				
	Grayscale (bit)	14~16 bit				
	Contrast Ratio	10000 : 1				
	Color Temperature (K)	6500~9300K				
	View Angle (H/V °)	H160° / V160°				
	Frame Frequency (Hz)	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	AC Operating Voltage	100-240V	100-240V	100-240V	100-240V	100-240V
	Power Consumption Per Panel ①	170w	150w	140w	140w	130w
	Power Consumption Per Panel ②	85w	75w	70w	70w	65w
Application Parameters	Storage Temperature (°C)	-40 ~ + 60				
	Operating Temperature (°C)	-10° ~ + 40				
	Storage Humidity (RH)	10% ~ 85%				
	Operating Humidity (RH)	10% ~ 80%				
	IP Rating	IP54 (Clean surface with aqueous clean)				
	LED Lifetime	100000 hrs				
	Maintenance Method	Front Service				
	Installation Type	Direct to Wall-mounting/Hanging/Grounding				



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