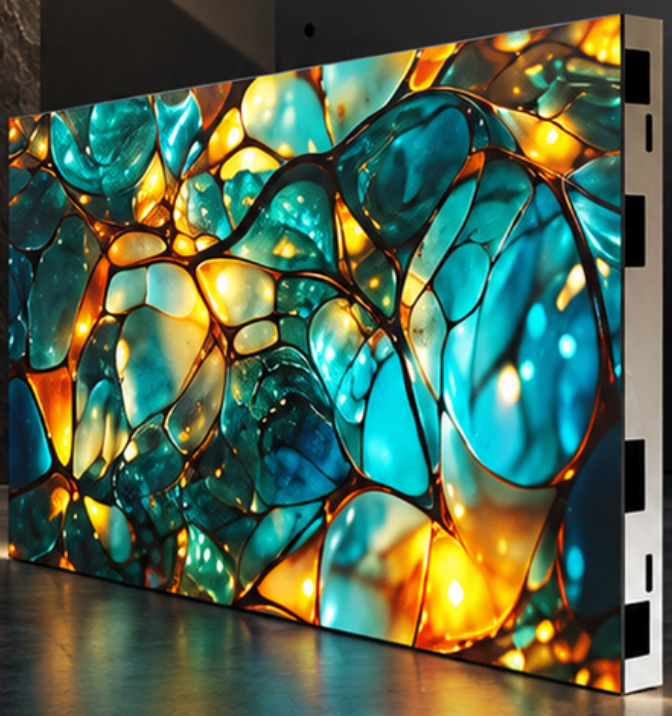
InkScape

COB-Pro Series



Where Ink Meets Light

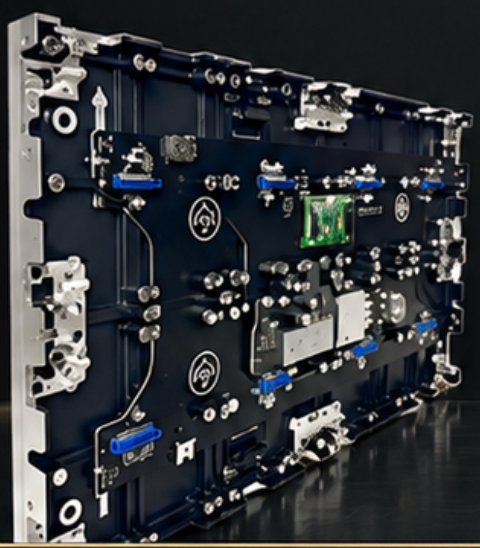
The Art of Perfect Black

Full Flip-Chip COB Technology

- Energy-Optimized, Sustainable, Eco-Friendly
- Ultra-high contrast ratio
- Deeper black and brighter highlights

Efficient heat dissipation
Superior Reliability and Durability





Ultra-Reliable Monolithic Architecture

Unibody design minimizes connection points to ensure superior reliability and longevity.

Rapid Installation & Easy Maintenance

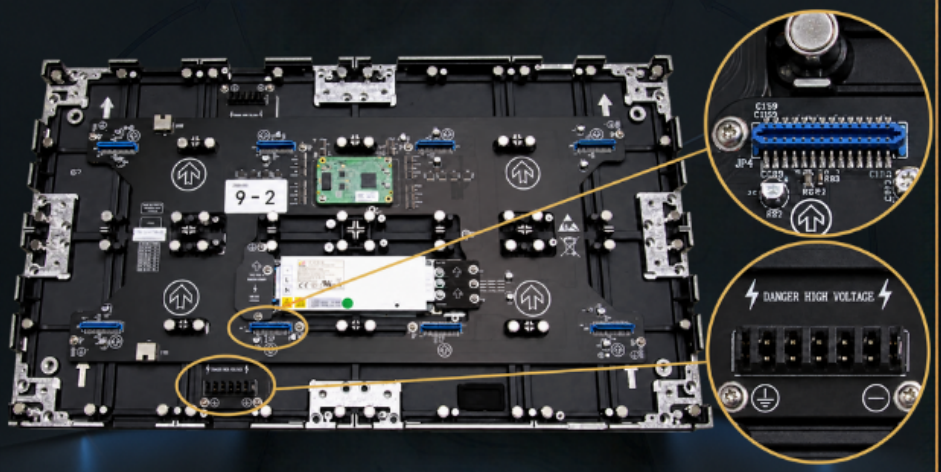


Precision CNC-milled joining tabs and cabinet interfaces ensure the superior flatness of inter-cabinet.

Easy to maintain, dramatically reducing long-term service costs.



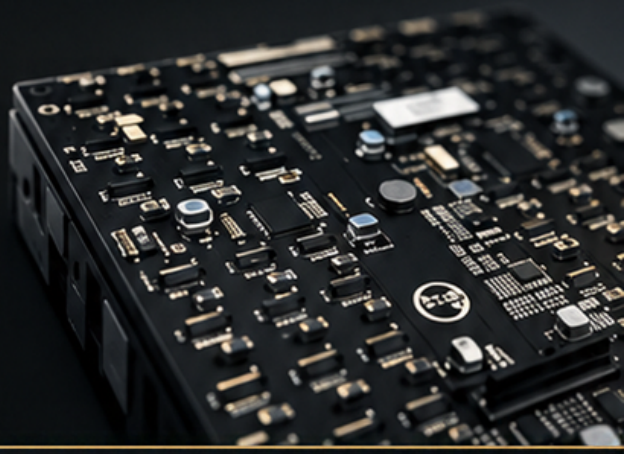
Fully Hardwired Design



A dedicated power adapter board with hardwired connections simplifies installation, ensures structural stability, and reduces the risk of short circuits and electric shock.

High-Efficiency LEDs & Six-Layer PCB

Premium LED chips deliver bright, efficient output. Wide thermal paths and a six-layer immersion-gold PCB ensure effective cooling and lasting connection reliability.



Extremely Slim and Lightweight

The entire product series is merely 28mm thick.



16:9 Display



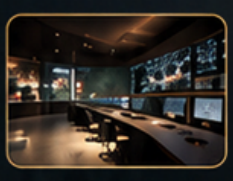
Application



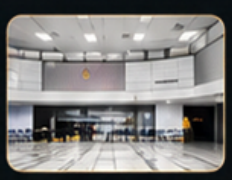
Commercial Display



Digital Exhibition



Command Center



Government Agency



Meeting Room



Smart Campus

Product Parameters

Products	IS006	IS007	IS009	IS012	IS015
Encapsulation	Full Flip-Chip COB Technology				
Pixel Pitch (mm)	0.625	0.78125	0.9375	1.25	1.56
Cabinet Size (mm)	600x337.5x28				
Cabinet Resolution (WxH)	960x540	768x432	640x360	480x270	384x216
Module Size (mm)	150x168.75				
Material	Die-cast aluminum				
Cabinet Weight (kg)	4.7Kg				
Cabinet Flatness	≤0.1mm				
Brightness	0-1000cd/m² (Adjustable)				
Viewing Angle (H/V)	170°/170°				
Brightness Uniformity	≥98%				
Contrast	10000:1				
Max Power Consumption (Tested at 1000 nits white balance)	≤700W/m²	≤600W/m²	≤500W/m²	≤450W/m²	≤450W/m²
Average Power Consumption	280W/m²	240W/m²	200W/m²	180W/m²	180W/m²
Working Voltage (V)	AC100~240V (50～60Hz)				
Frame Rate	50/60Hz				
Refresh Rate	3840Hz				
Gray Scale	16bit				
Working Temperature	-20°C~+60°C				
Working Humidity	10%~90%RH (No condensation)				
Maintenance	Front Maintenance				
Protection	IP41				
Certification	CCC、CE、FCC、RoHS				