InkScape

COB Series

Where Ink Meets Light
The Art of Perfect Black



COB
IP30

COB Packaging Technology
IP30 Protection Rating

3840Hz
Ultra High Refresh Rate

16:9
Golden Display Ratio

Energy Saving
Using Common Cathode 3.8+2.8V Power Supply

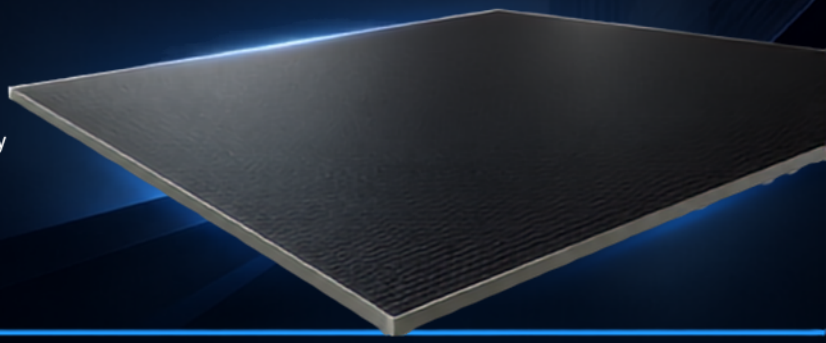
Micro LED full flip-chip
Enhances Image Quality And Reduces Failures

3 in 1

High Integration
Power, Receiver, and HUB 3-in-1 Driver

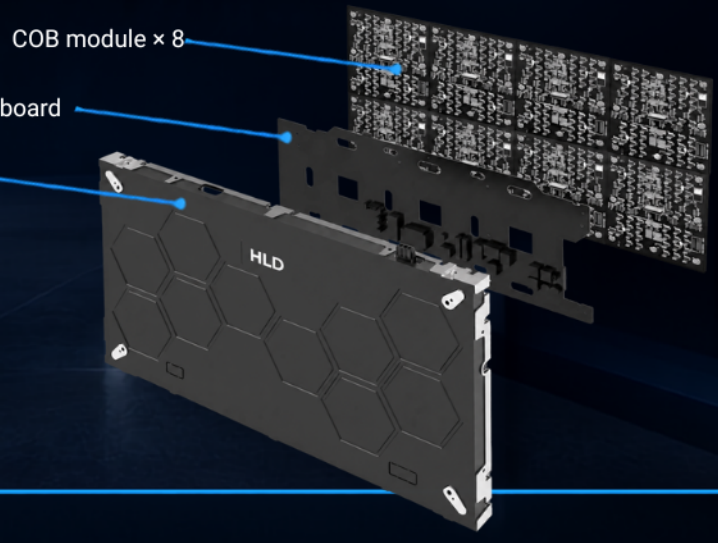
Full Flip-Chip COB Technology

- Efficient heat dissipation
- Superior Reliability and Durability



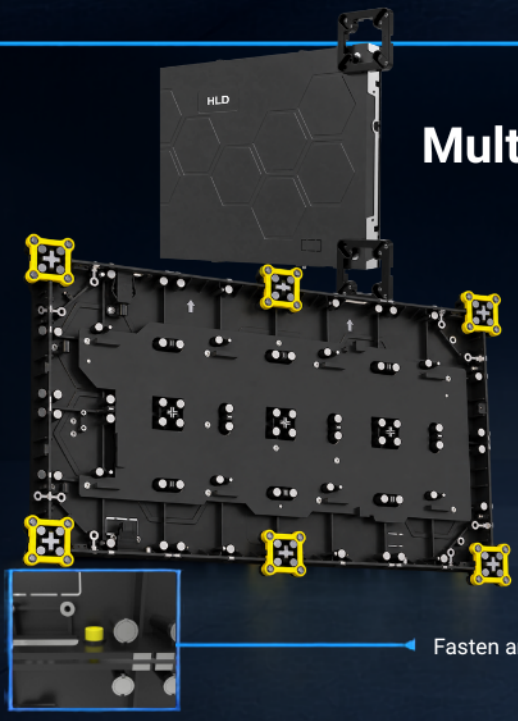
- Energy-Optimized, Sustainable, Eco-Friendly
- Ultra-high contrast ratio
- Deeper blocks and brighter highlights

Ultra-Reliable Monolithic Architecture

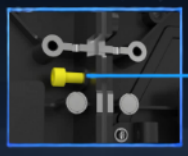


Unibody design dramatically reduces hardware connection points, effectively minimizing failure rates to ensure out-standing operational stability and longevity.

Multi-Point Position & Rapid Install



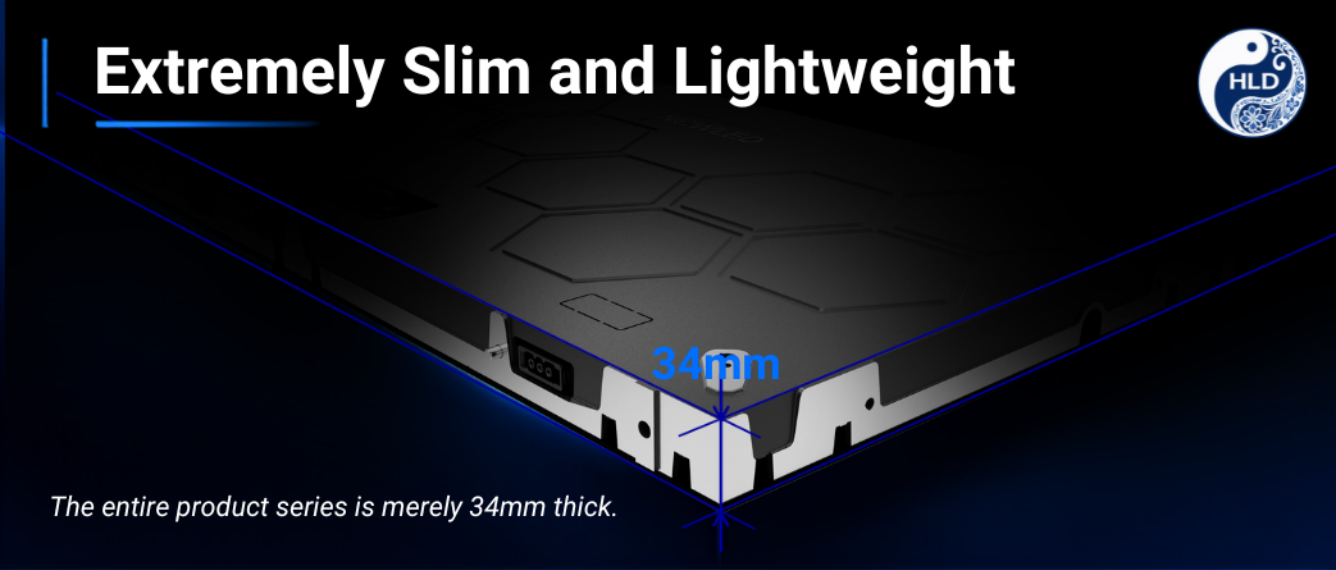
Rear Access Installation: Multi-point magnetic array ensures secure module mounting. With 24 alignment guides and 4 reinforced locks between cabinets, achieves flawless flatness with rapid deployment.



Fasten and tighten the left and right cabinets

Fasten and tighten the upper and lower cabinets

Extremely Slim and Lightweight



The entire product series is merely 34mm thick.

16:9 Display

With a 600×337.5mm cabinet size, you can perfectly assemble a HD, 2K and 4K resolution wall, creating a perfect display effect with the right content.



Application



Commercial Display



Digital Exhibition



Command Center



Government Agency



Meeting Room



Smart Campus

Product Parameters

Products	IS0.9	IS1.2	IS1.5
Encapsulation	Full Flip-Chip COB Technology		
Pixel Pitch (mm)	0.9375	1.25	1.5625
Cabinet Size (mm)	600×337.5×34		
Cabinet Resolution (W×H)	640×360	480×270	384×216
Module Size (mm)	150×168.75		
Material	Die-cast aluminum		
Cabinet Weight (kg)	4.2 ± 0.5		
Cabinet Flatness	≤0.1mm		
Brightness	≥600 nits		
Viewing Angle (H/V)	170°/170°		
Brightness Uniformity	≥98%		
Contrast	10000:1		
Max Power Consumption (Tested at 1000 nits white balance)	300W/m^2		
Average Power Consumption	120W/m^2		
Working Voltage (V)	AC100~240V (50~60Hz)		
Frame Rate	50/60Hz		
Refresh Rate	3840Hz		
Gray Scale	14bit		
Working Temperature	-10°C~+40°C		
Working Humidity	10%~80%RH (No condensation)		
Maintenance	Front Maintenance		
Protection	IP30		
Certification	CCC, CE, FCC, RoHS		