

G-Guard



Full Flip Chip COB LVSI Series

INDOOR FINE PITCH **FULL FLIP CHIP COB** LED DISPLAY



High contrast ratio



Wide viewing angle



Ultra thin



Quick installation



Integration



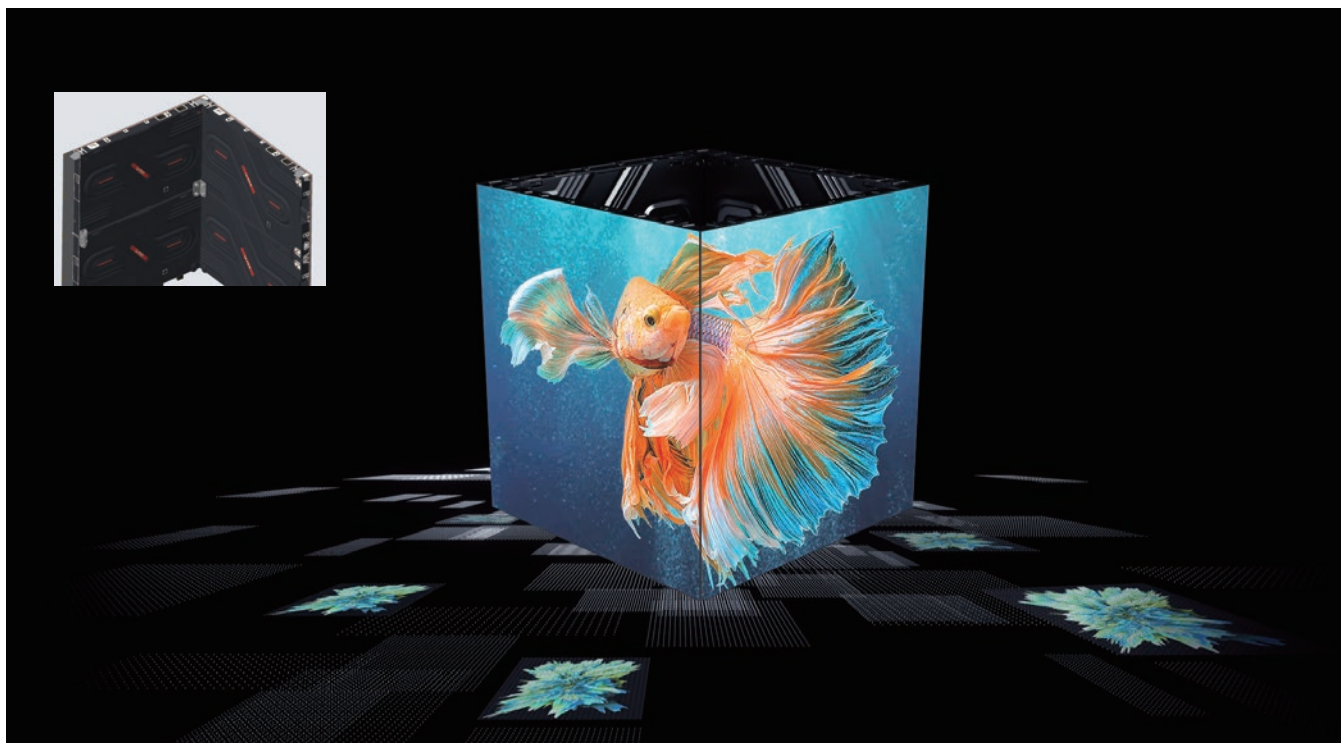
High refresh



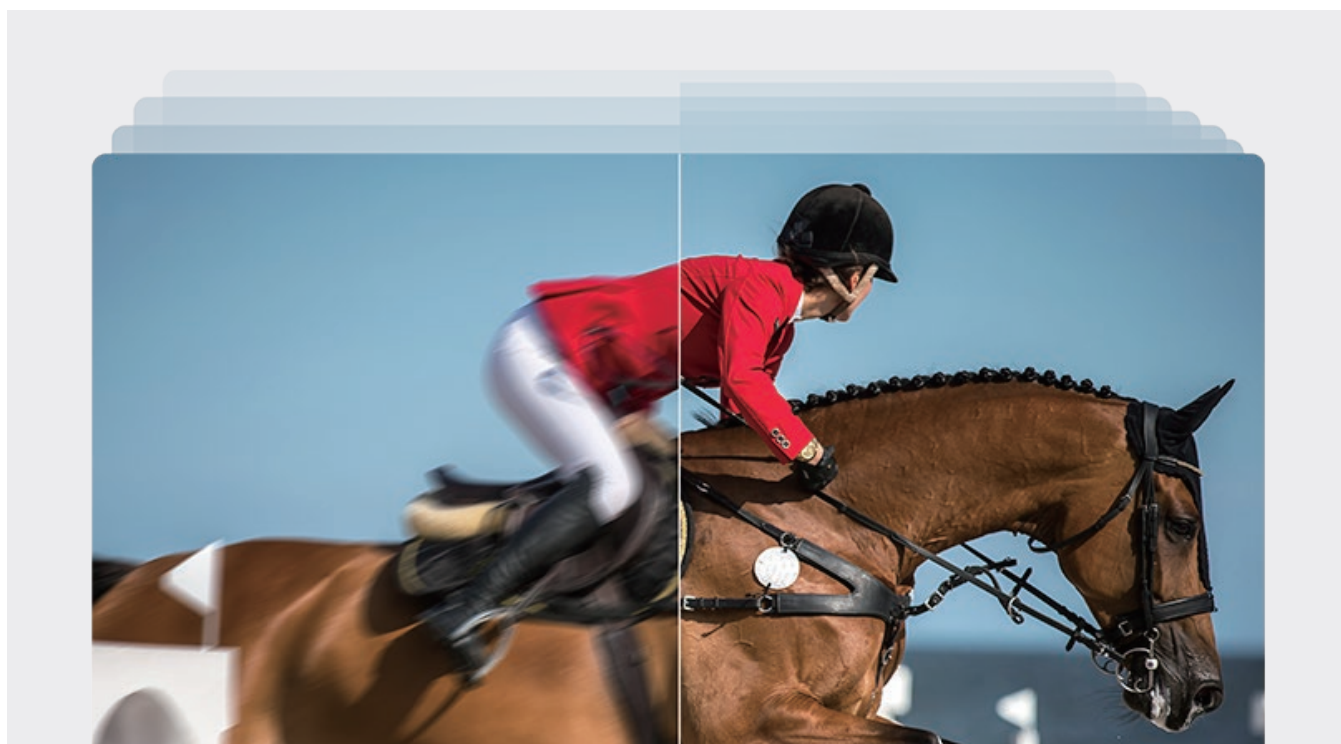
LVSI SERIES

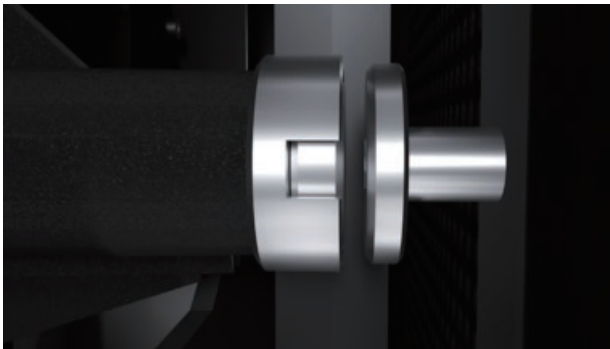
HIGHLIGHT FEATURES

90°angle splicing, the hidden line of the corner is only the thickness of the PCB. Minimum square column side length 600MM

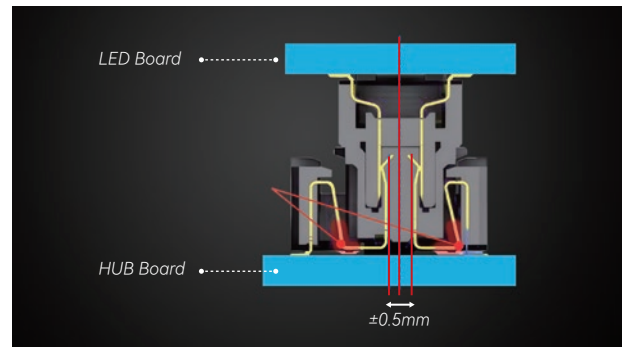


3840Hz ultra-high refresh rate, intelligent module playing video smoothly.





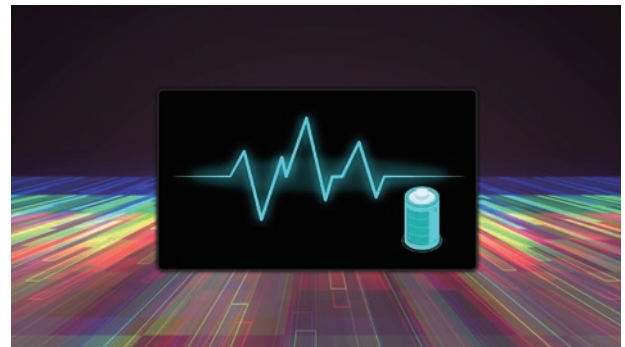
LED Modules with magnetic design for excellent flatness and seamless splicing of the whole screen.



Floating Connector – Good SMD position tolerance and shock resistance, reduce the stress on the welding foot when the dislocation is inserted and removed.

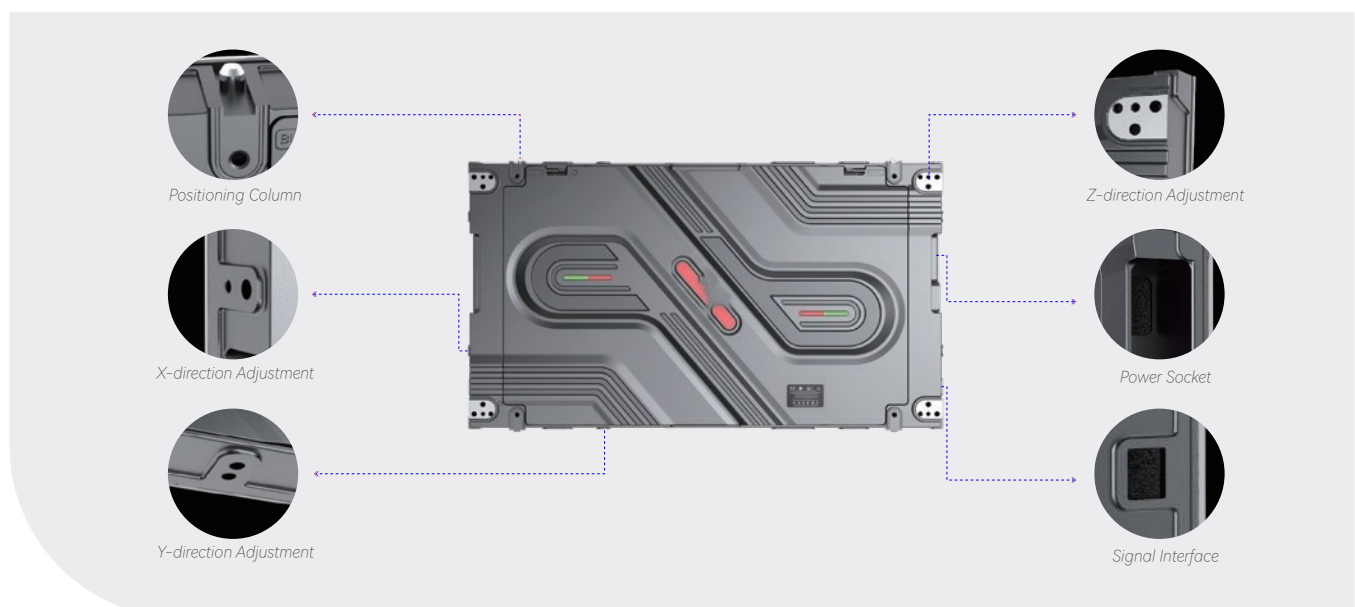


Ultra high protection, anti-static, anti-collision.



One-key energy saving, black screen saves 90% at least.

PRODUCT STRUCTURE



SPECIFICATIONS

Item	GG-07 LVSI	GG-09 LVSI	GG-12 LVSI	GG-15 LVSI
Pixel Configuration	Full Flip Chip COB	Full Flip Chip COB	Full Flip Chip COB	Full Flip Chip COB
Pitch (mm)	0.78	0.9375	1.25	1.56
Module Resolution (WxH)	192x216	160x180	120x135	96x108
Module Size (mm)(WxHxD)	150x168.75	150x168.75	150x168.75	150x168.75
Module Composition (WxH)	4x2	4x2	4x2	4x2
Cabinet Resolution (WxH)	768x432	640x360	480x270	384x216
Cabinet Size (mm)(WxHxD)	600x337.5x43.5	600x337.5x43.5	600x337.5x43.5	600x337.5x43.5
Unit Area (m ²)	0.2025	0.2025	0.2025	0.2025
Cabinet Weight (kg/m ²)	25	25	25	25
Pixel Density (pixel/m ²)	1638400	1137777	640000	409600
Surface Flatness (mm)	≤0.1	≤0.1	≤0.1	≤0.1
Brightness Calibration	Yes	Yes	Yes	Yes
Color Calibration	Yes	Yes	Yes	Yes
Brightness (nits)	600	600	600	600
Color Temperature (K)	3000—10000 Adjustable			
Horizontal Viewing Angle (°)	170	170	170	170
Vertical Viewing Angle (°)	170	170	170	170
Deviation of LED Luminance Center	<3%	<3%	<3%	<3%
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%
Chromaticity Uniformity	±0.003Cx,Cy within			
Contrast Ratio	20000:1			
Max Power Consumption (W/m ²)	425	375	325	325
Average Power Consumption (W/m ²)	200	175	160	160
Power Supply	AC100~240V (50/60Hz)			
Drive Mode	Common cathode constant current driver			
Frame Rate (Hz)	50&60	50&60	50&60	50&60
Refresh Rate (Hz)	3840	3840	3840	3840
Lifetime (hrs)	100,000	100,000	100,000	100,000
IP Level	IP54	IP54	IP54	IP54
Operation Temperature (°C)	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40
Storage Temperature (°C)	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60
Operation Humidity (RH)	10~90% no condensation			
Storage Humidity (RH)	10~95% no condensation			