





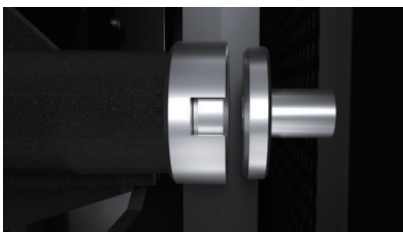
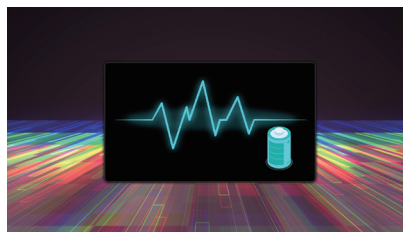


VDS Series COB Indoor Fine Pitch COB LED Display

-  High Contrast Ratio
-  Quick Installation
-  Wide Viewing Angle
-  Integration
-  Ultra Thin
-  High Refresh



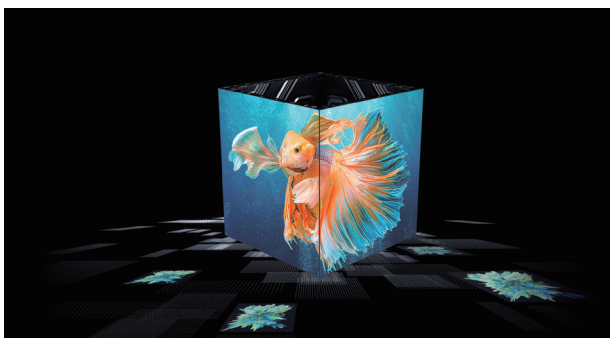
LED Modules with magnetic design for excellent flatness and seamless splicing of the whole screen.



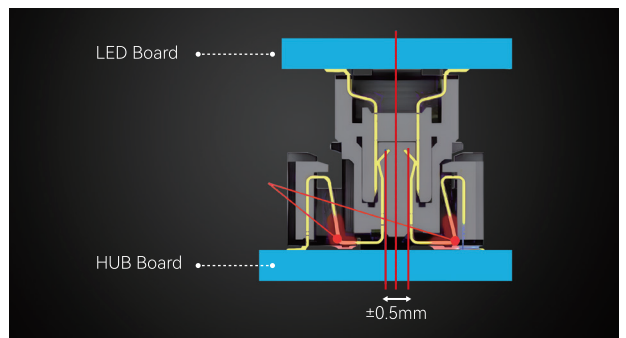
One-key energy saving, black screen saves 90% at least.



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



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



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

SPECIFICATIONS

Item	VDS007	VDS009	VDS012	VDS015
Pixel Configuration	Full Flip Chip COB	Full Flip Chip COB	Full Flip Chip COB	Full Flip Chip COB
Pitch (mm)	0.78	0.935	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 (1000 optional)	600 (1000 optional)	600 (1000 optional)	600 (1000 optional)
Color Temperature (K)	3000—10000 Adjustable			
Horizontal Viewing Angle (°)	160	160	160	160
Vertical Viewing Angle (°)	160	160	160	160
Deviation of LED Luminance Center	<3%	<3%	<3%	<3%
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%
Chromaticity Uniformity	±0.003Cx,Cy within			
Contrast Ratio	10000:1	10000:1	10000:1	10000:1
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 / 4H	IP54 / 4H	IP54 / 4H	IP54 / 4H
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			

Remark: Above data is subject to change without prior notice



LEYARD HONG KONG INTERNATIONAL CO., LIMITED

Leyard Southern LED Industrial Park, No.6, Guanhe Rd, Longhua District, Shenzhen, China
 Email: intlmarketing@leyard.com | Website: www.leyardhk.com