



Leyard VDS Series

Indoor Fine Pixel Pitch LED Display

Leyard® VDS Series entry-level indoor LED displays deliver beautiful, high-resolution visualization with fine pixel pitches and a glossy ruggedized surface treatment. Displays feature Chip on Board (COB) Technology with flip chip LEDs which produce excellent contrast, viewing angles and brightness. Leyard VDS Series displays are fully-encapsulated making them collision, scratch and static resistant as well as waterproof and dustproof.

COB

COB Technology
Enhanced durability and seamless display

4H

4H Hardness
Scratch-resistant and long-lasting surface



Efficient Consumption
Save energy consumption, sustainable operation



Easy Maintenance
Full front installation and service



Wide Viewing Angle
Expansive viewing angles enhance visual clarity



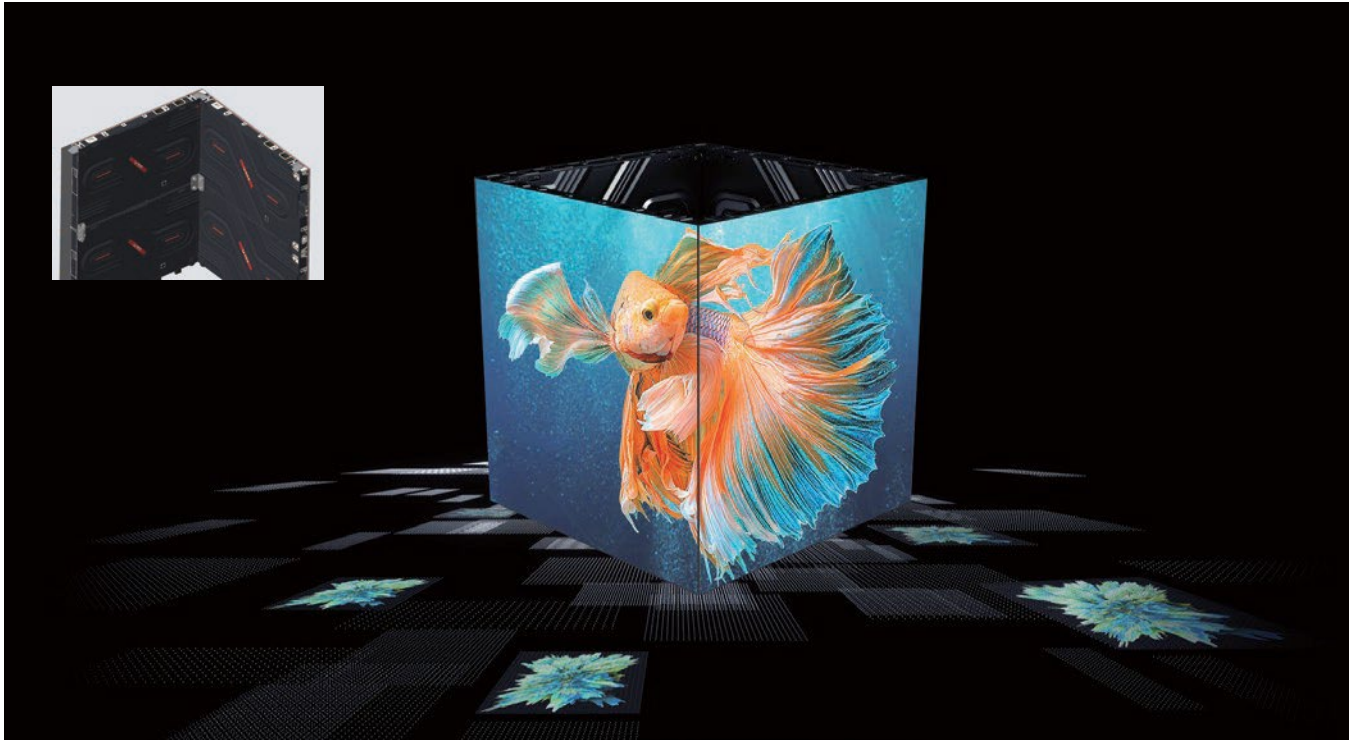
2-Year Warranty
Leyard LED Standard Limited Warranty

- 0.7, 0.9, 1.2 & 1.5mm pixel pitches
- COB technology
- Full front installation and service
- Efficient power consumption
- Low power standby
- Ultra high protection, anti-collision

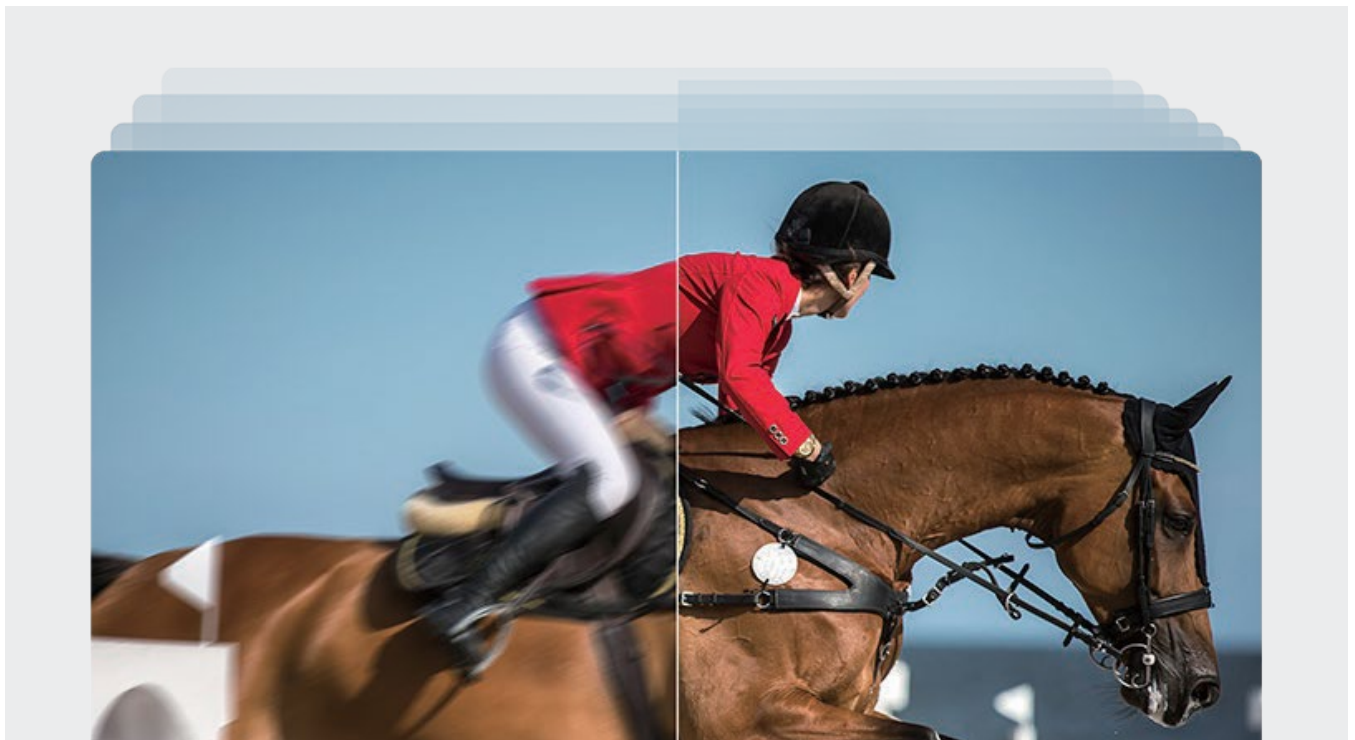


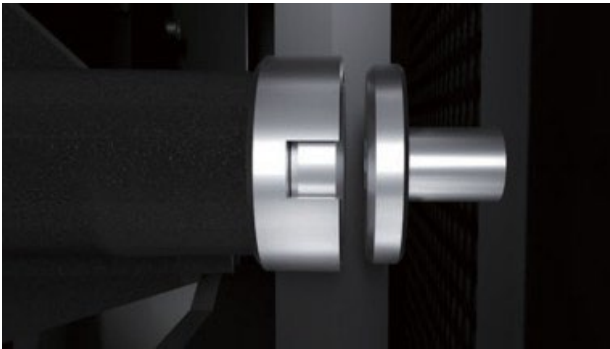
LEYARD VDS SERIES HIGHLIGHT FEATURES

Displays offer 90° angle splicing with a cabinet separation gap only as wide as the LED module.

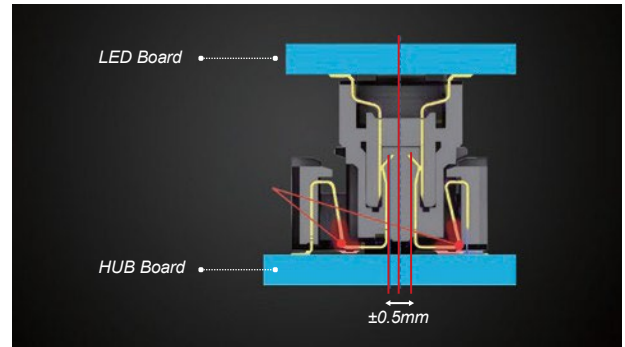


Ultra-high refresh rate and intelligent modules play video smoothly.





Modules' magnetic design delivers excellent flatness and seamless splicing.



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

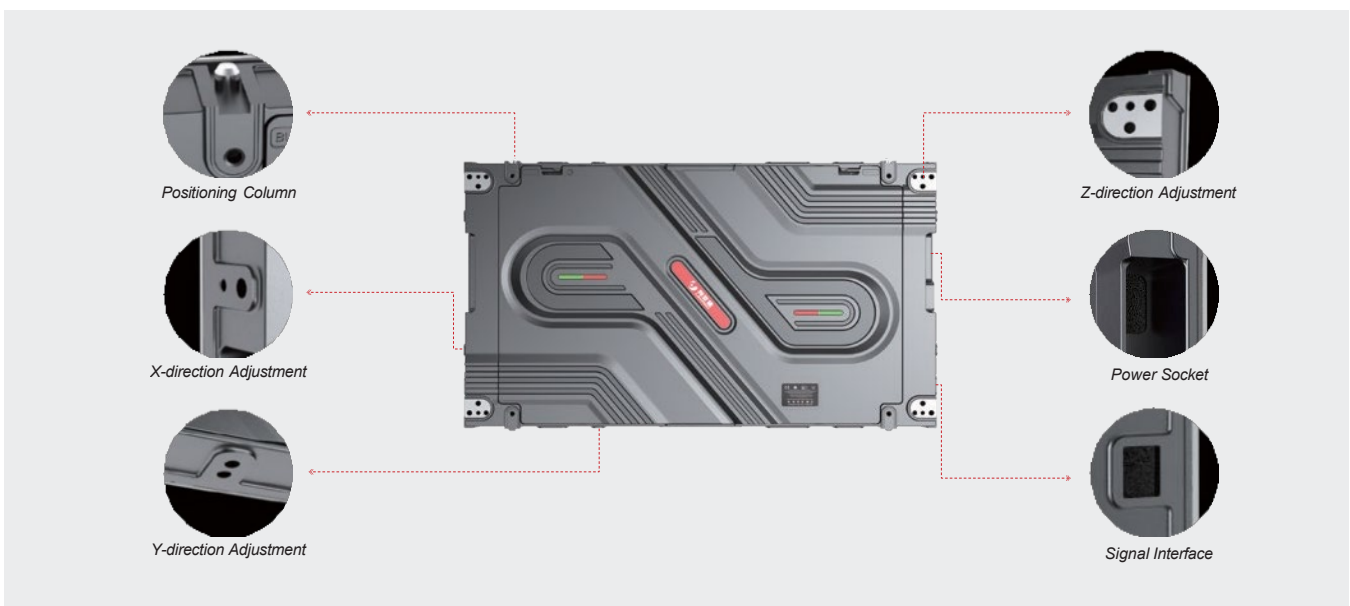


Ultra-high anti-static and anti collision protection.



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

PRODUCT STRUCTURE



Specifications

Item	VDS007	VDS009	VDS012	VDS015
LED Type	Full Flip Chip COB			
Pixel Pitch	0.78	0.935mm	1.25mm	1.56mm
Module Resolution (WxH)	192x216	160x180	120x135	96x108
Module Size (WxH)	150x168.75mm 5.91"x6.64"			
Module Composition (WxH)	4x2			
Cabinet Resolution (WxH)	768x432	640x360	480x270	384x216
Cabinet Size (WxHxD)	600x337.5x43.5mm 23.62"x13.29"x1.71"			
Unit Area	0.2025m² 2.18ft²			
Cabinet Weight	25kg/m² 55.12lb/ft²			
Pixel Density (pixel/m²)	1638400	1137777	640000	409600
Surface Flatness (mm)	≤0.1			
Brightness Calibration	Yes			
Color Calibration	Yes			
Brightness	600nits (1000nits optional)			
Color Temperature	3000~10000K Adjustable			
Horizontal Viewing Angle	170°			
Vertical Viewing Angle	170°			
Deviation of LED Luminance Center	<3%			
Brightness Uniformity	≥97%			
Chromaticity Uniformity	±0.003Cx,Cy within			
Contrast Ratio	10000:1			
Max Power Consumption	425W/m²	375W/m²	325W/m²	325W/m²
Average Power Consumption	200W/m²	175W/m²	160W/m²	160W/m²
Power Supply	AC100~240V (50/60Hz)			
Drive Mode	Common cathode constant current driver			
Frame Rate	50&60Hz			
Refresh Rate	3840Hz			
Lifetime (hrs)	100,000			
IP Level	IP54 / 4H			
Operation Temperature	-10~40°C 14~104°F			
Storage Temperature	-20~60°C -4~140°F			
Operation Humidity	10~90%RH no condensation			
Storage Humidity	10~95%RH no condensation			
Warranty	2 years			
Certification	FCC, CB, cTUVus, CE, IC, ROHS, WEEE, REACH			