



Planar VDS Series

Full Flip Chip COB

Indoor Fine Pitch LED Display

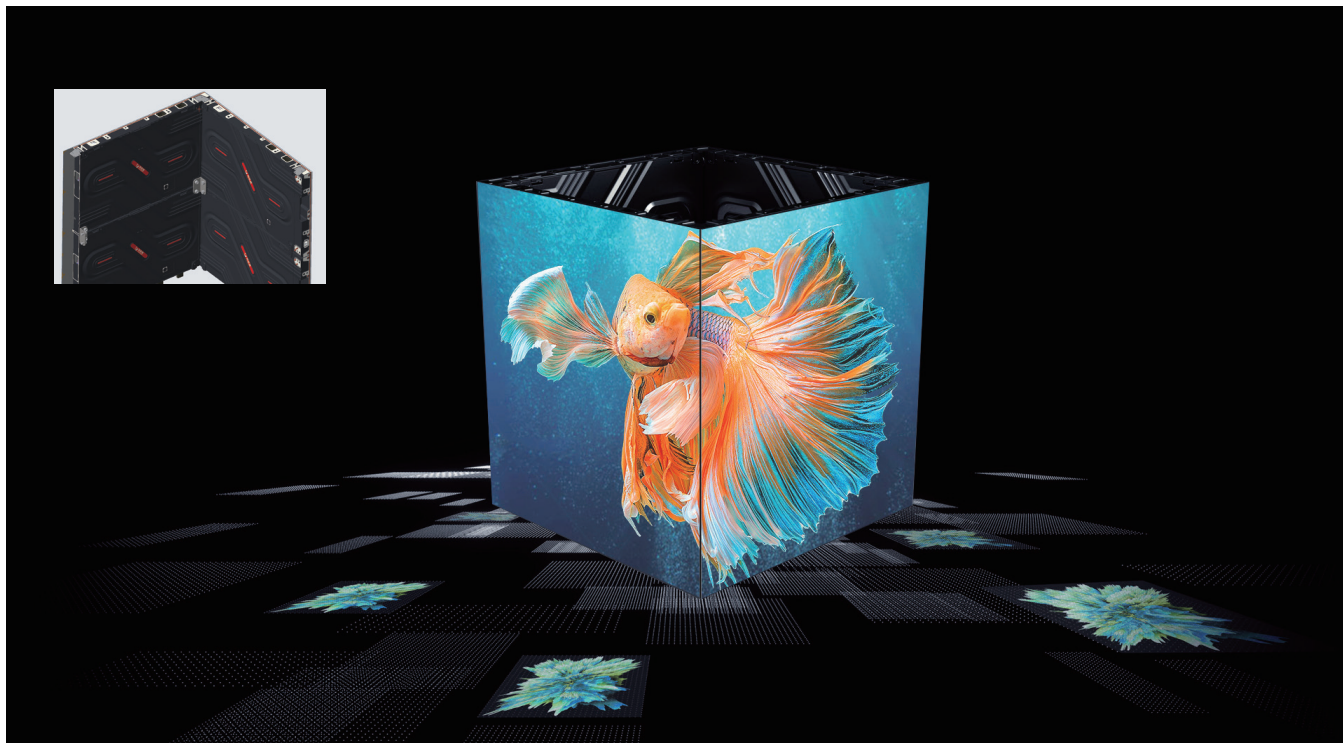
-  High contrast ratio
-  Wide viewing angle
-  Ultra thin
-  Quick installation
-  Integration
-  High refresh



Highlight Features

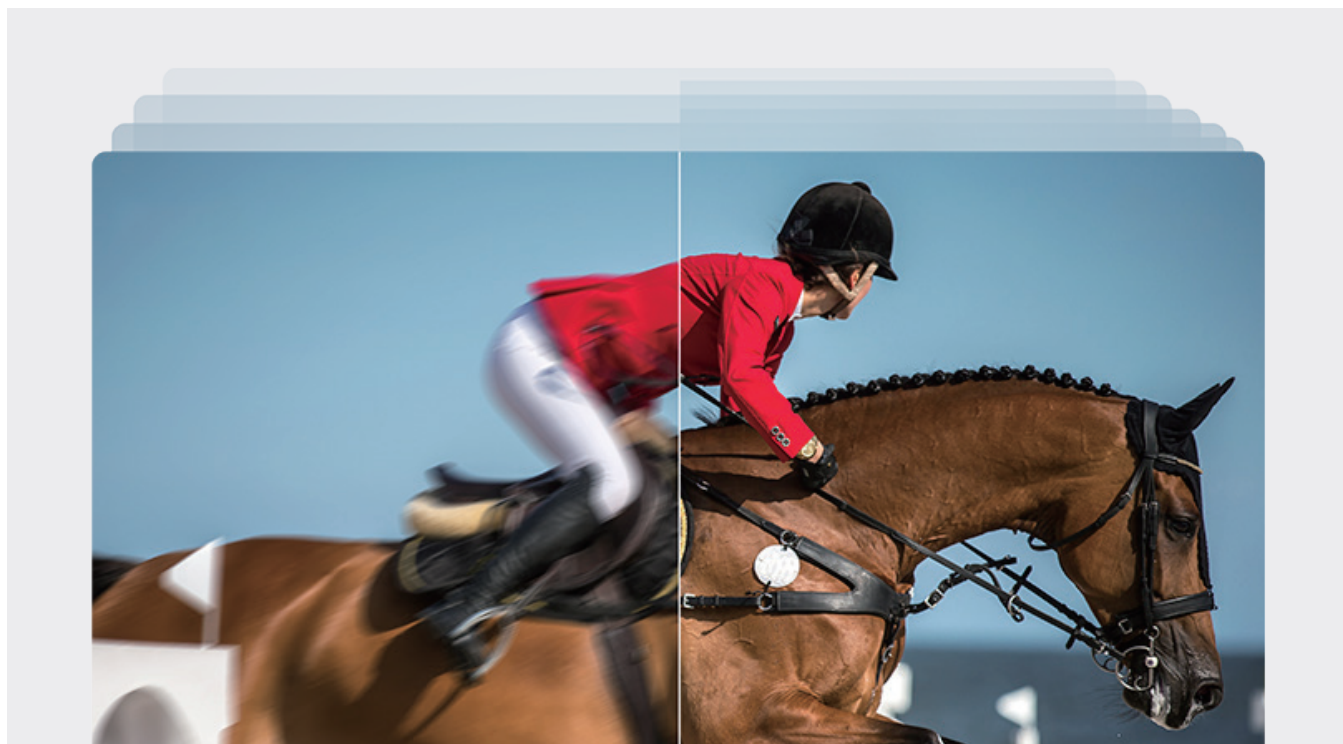
Right-angle Splicing

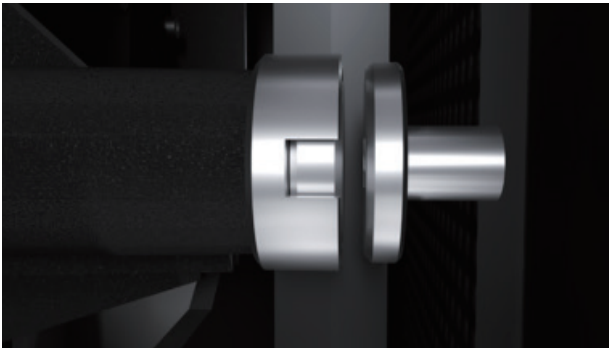
90°angle splicing, the hidden line of the corner is only the thickness of the PCB.Minimum square column side length 600MM



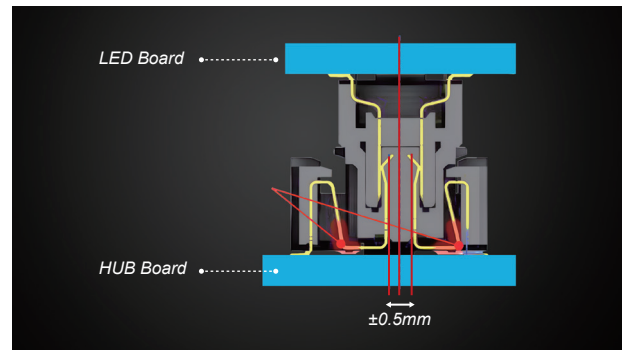
High Refresh Rate

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.

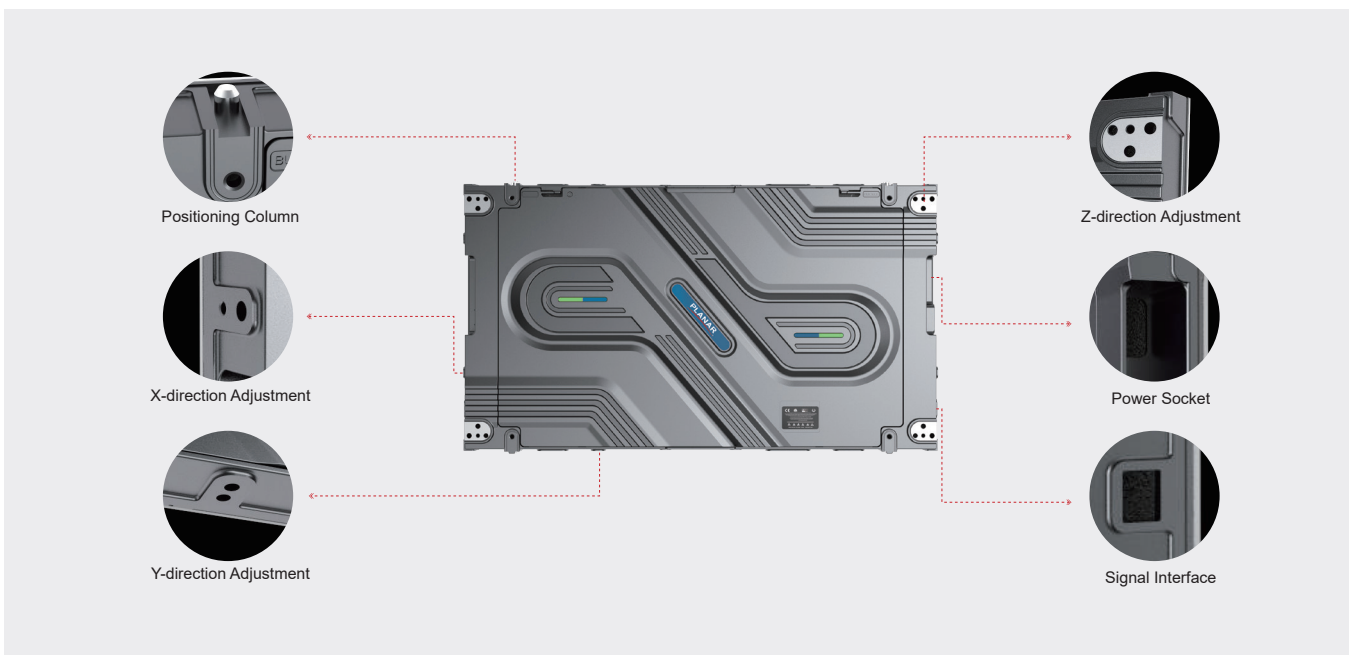


Ultra high protection, anti-static, anti-collision.



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

Product Structure



Specifications

Item	VDS007	VDS009	VDS012	VDS015
LED Type	Flip-chip COB	Flip-chip COB	Flip-chip COB	Flip-chip COB
Pixel Pitch(mm)	0.78	0.9375	1.25	1.56
Cabinet Dimensions(W*H*D)/(mm)	600*337.5*43.5	600*337.5*43.5	600*337.5*43.5	600*337.5*43.5
Cabinet Resolution(W*H)	768*432	640*360	480*270	384*216
Cabinet Weight(kg)	5	5	5	5
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions(W*H)/(mm)	150*168.75	150*168.75	150*168.75	150*168.75
Brightness(nit)	600 & 1000(optional)	600 & 1000(optional)	600 & 1000(optional)	600 & 1000(optional)
Refresh Rate(Hz)	3840	3840	3840	3840
Gray Scale(Bit)	16	16	16	16
Contrast Ratio	10000:1 & 20000:1	10000:1 & 20000:1	10000:1 & 20000:1	10000:1 & 20000:1
Color Temperature(K)	3000~10000	3000~10000	3000~10000	3000~10000
Viewing Angle(Horizontal/Vertical)(°)	170/170	170/170	170/170	170/170
Driving Type	Common Cathode	Common Cathode	Common Cathode	Common Cathode
AC Operating Voltage(V)	100~240(50/60Hz)	100~240(50/60Hz)	100~240(50/60Hz)	100~240(50/60Hz)
Power Consumption(Max./Avg.)(W/cabinet)	86/41	76/36	66/33	66/33
Operating Temperature(℃)	-10~+40	-10~+40	-10~+40	-10~+40
Storage Temperature(℃)	-20~+60	-20~+60	-20~+60	-20~+60
Operating Humidity(RH)	10%~90%	10%~90%	10%~90%	10%~90%
Storage Humidity(RH)	10%~95%	10%~95%	10%~95%	10%~95%
IP Rating	IP54	IP54	IP54	IP54
Module Maintenance	Front	Front	Front	Front
PSU & Others Maintenance	Front & Rear	Front & Rear	Front & Rear	Front & Rear

LED Operation & Lifetime (hr): 24/7 ; 100,000 .
Specifications are subject to change without notice.
Update Date: 10/2024
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