




**Full Flip Chip COB** VDS Series

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

 High contrast ratio

 Wide viewing angle

 Ultra thin

 Quick installation

 Integration

 High refresh





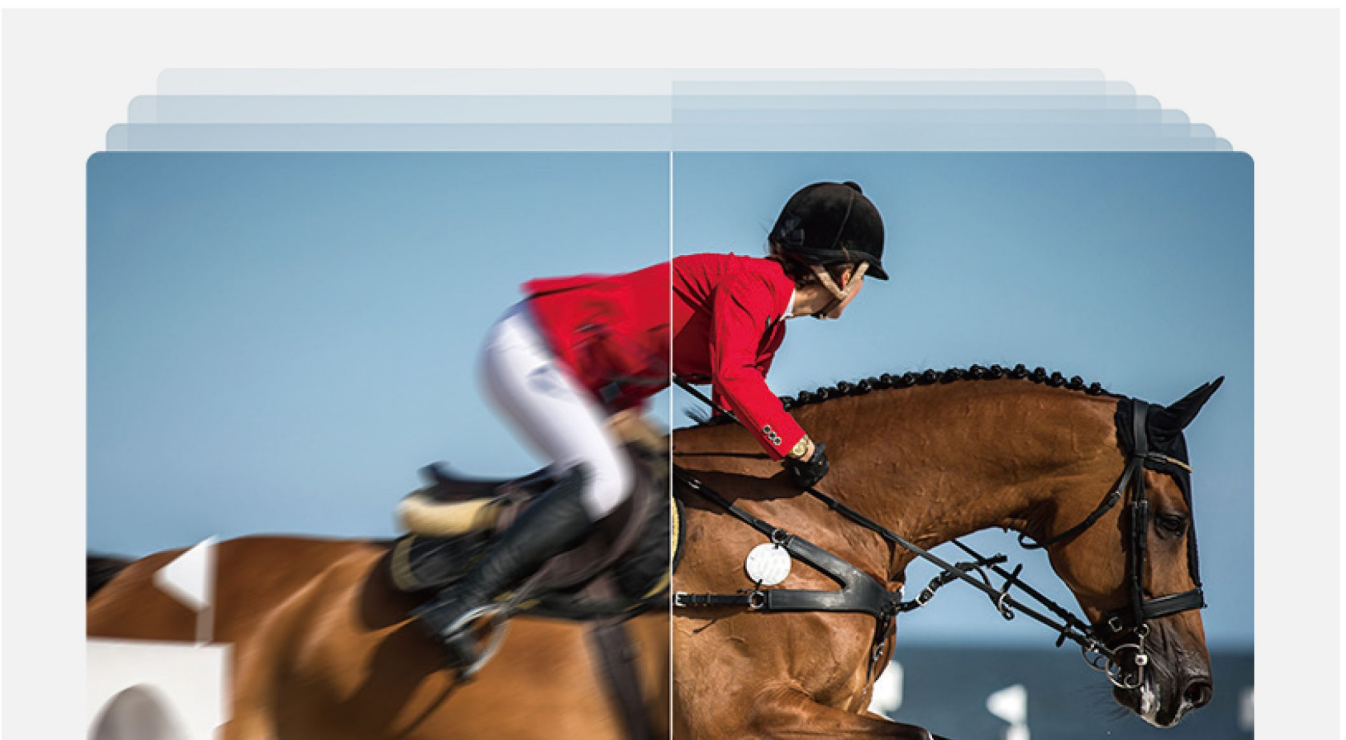
## VDS SERIES

### HIGHLIGHT FEATURES

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

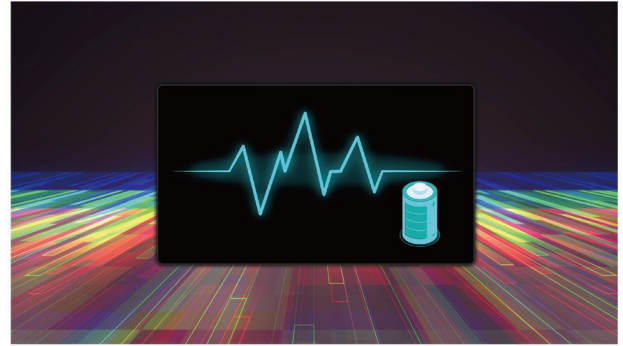


3840Hz ultra-high refresh rate, intelligent module playing video smoothly.

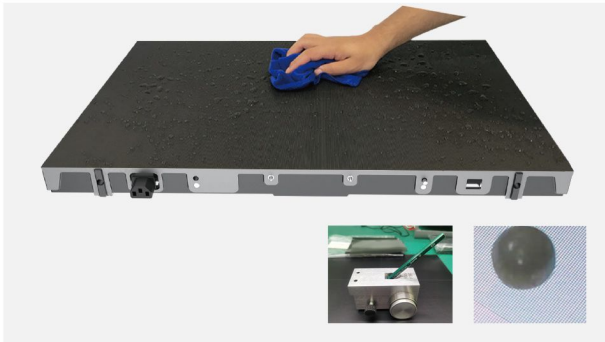




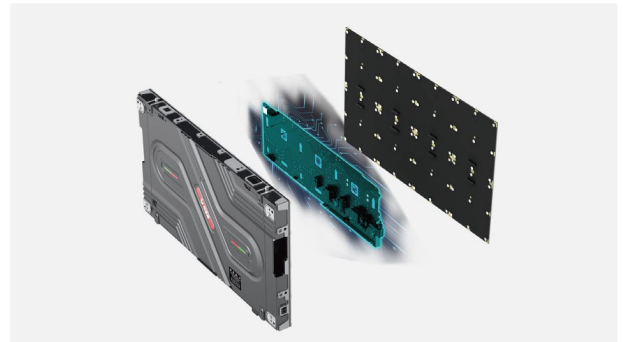
It's support human body sensing. No body in front of the detection screen, it can automatically reduce the brightness or black screen to save energy.



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

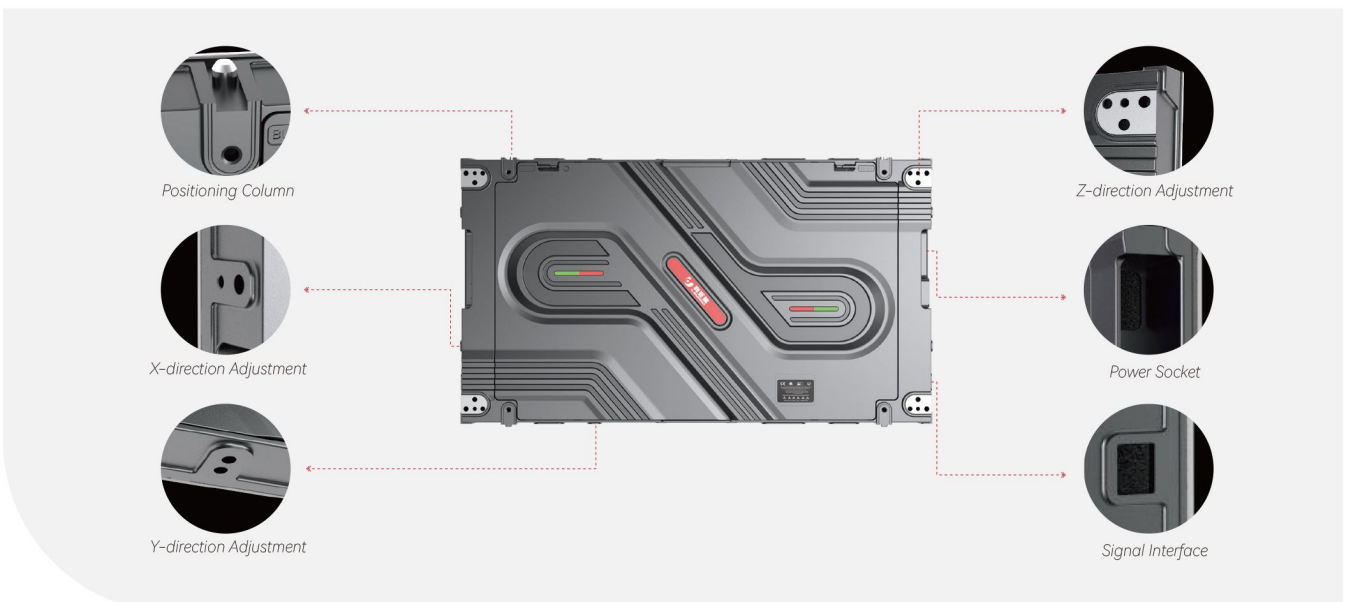


Ultra high protection, anti-static, anti-collision.



PSH integrated drive technology, functional modular design.

## PRODUCT STRUCTURE



## SPECIFICATIONS

Item	VDS007	VDS009	VDS012	VDS015	VDS018
Pixel Configuration	Full Flip Chip COB	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	1.875
Module Resolution (WxH)	192x216	160x180	120x135	96x108	80x90
Module Size (mm)(WxHxD)	150x168.75	150x168.75	150x168.75	150x168.75	150x168.75
Module Composition (WxH)	4x2	4x2	4x2	4x2	4x2
Cabinet Resolution (WxH)	768x432	640x360	480x270	384x216	320x180
Cabinet Size (mm)(WxHxD)	600x337.5x43.5	600x337.5x43.5	600x337.5x43.5	600x337.5x43.5	600x337.5x43.5
Unit Area (m <sup>2</sup> )	0.2025	0.2025	0.2025	0.2025	0.2025
Cabinet Weight (kg/m <sup>2</sup> )	25	25	25	25	25
Pixel Density (pixel/m <sup>2</sup> )	1638400	1137777	640000	409600	284444
Surface Flatness (mm)	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1
Brightness Calibration	Yes	Yes	Yes	Yes	Yes
Color Calibration	Yes	Yes	Yes	Yes	Yes
Brightness (nits)	600 (1000 optional)	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	160
Vertical Viewing Angle (°)	160	160	160	160	160
Deviation of LED Luminance Center	<3%	<3%	<3%	<3%	<3%
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%
Chromaticity Uniformity	±0.003Cx,Cy within				
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1
Max Power Consumption (W/m <sup>2</sup> )	425	375	325	325	300
Average Power Consumption (W/m <sup>2</sup> )	200	175	160	160	150
Power Supply	AC100~240V (50/60Hz)				
Drive Mode	Common cathode constant current driver				
Frame Rate (Hz)	50&60	50&60	50&60	50&60	50&60
Refresh Rate (Hz)	3840	3840	3840	3840	3840
Lifetime (hrs)	100,000	100,000	100,000	100,000	100,000
IP Level	IP54 / 4H	IP54 / 4H	IP54 / 4H	IP54 / 4H	IP54 / 4H
Operation Temperature (°C)	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40
Storage Temperature (°C)	-20 ~ 60	-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



NOVA MEDIA 官網

## Digital Signage Application Intergration Services

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