



Leyard Europe VDS Complete

Pre-Packaged COB LED Video Walls

- ▶ **Complete Direct View LED Video Wall ready to install**
- ▶ **Flip-Chip MicroLED COB for Ultra high protection, anti-collision**
- ▶ **Available Sizes: 108" | 136" | 163" | 196" | 217"**
- ▶ **Models with 16:9 or wide-view 32:9 aspect ratio**
- ▶ **Includes: display cabinets, controller, mounts cables, trim, remote control & spare modules**
- ▶ **Optional IR Touch Frame available for sizes 108" - 196"**



Leyard Europe's Breakthrough Generation of LED Displays

The Leyard VDS Series is Leyard Europe's latest LED technology using MicroLED Chip-on-Board (COB) technology. COB LED technology is becoming increasingly popular and Leyard Europe has developed the VDS Series to provide a state-of-the-art visualization solution. Using this technology allows the display to achieve extremely large viewing angles and high contrast ratios. All this while maintaining a very high power efficiency ratio. In addition, it comes packed with the latest 5G technology for easy installation and cabling.

Leyard VDS Complete Specifications

Model Version:	Screen Diagonal	Resolution	Pixel Pitch	Cabinet Configuration	Dimensions (W×H×D)	LED Controller	Part Number
VDS Complete HD 108 WM	108.4" / 275cm	 Full HD (1920×1080)	1.25mm	4×4 VDS1.2	2400 × 1350 × 89.2mm	4K/UHD capable LED Controller with on-board features for scaling and PiP functionality	VDS12HD108WMXX
VDS Complete HD 136 WM	135.5" / 344cm		1.56mm	5×5 VDS1.5	3000 × 1687.5 × 89.2mm		VDS15HD136WMXX
VDS Complete HD 163 WM	162.6" / 413cm		1.875mm	6×6 VDS1.8	3600 × 2025 × 89.2mm		VDS18HD163WMXX
VDS Complete DHD 196 WM	198" / 503cm	 Double Full HD (3840×1080)	1.25mm	8×4 VDS1.2	4800 × 1350 × 89.2mm		VDS12DHD196WMX
VDS Complete UHD 136 WM	135.5" / 344cm	 4K (3840×2160)	0.78mm	5×5 VDS0.7	3000 × 1687.5 × 89.2mm		VDS07UHD136WMX
VDS Complete UHD 163 WM	162.6" / 413cm		0.935mm	6×6 VDS0.9	3600 × 2025 × 89.2mm		VDS09UHD163WMX
VDS Complete UHD 217 WM	216.8" / 551cm		1.25mm	8×8 VDS1.2	4800 × 2700 × 89.2mm		VDS12UHD217WMX

Leyard VDS General Specifications

Model	VDS-0.7	VDS-0.9	VDS-1.2	VDS-1.5	VDS-1.8
Pixel Configuration	Flip-Chip MicroLED COB	Flip-Chip MicroLED COB	Flip-Chip MicroLED COB	Flip-Chip MicroLED COB	Flip-Chip MicroLED COB
Pixel Pitch (mm)	0.78	0.935	1.25	1.56	1.875
Module Resolution (W×H)	192×216	160×180	120×135	96×108	80×90
Module Size (mm)(W×H×D)	150×168.75				
Module Composition (W×H)	4×2				
Cabinet Resolution (W×H)	768×432	640×360	480×270	384×216	320×180
Cabinet Size (mm)(W×H×D)	600×337.5×43.5				
Unit Area (m ²)	0.2025				
Cabinet Weight (kg/m ²)	25				
Pixel Density (pixel/m ²)	1,638,400	1,137,777	640,000	409,600	284,444
Surface Flatness (mm)	≤0.1				
Colour Bit Depth	16 Bit (281tn colours)				
Brightness (nits)	600				
Colour Temperature (K)	3000 - 10000, adjustable				
Viewing Angle (°)	H:170 V:170				
Brightness Uniformity	≥97%				
Contrast Ratio	20,000:1				
Max. Power Consumption (W/m ²)	425	375	325	325	300
Avg. Power Consumption (W/m ²)	200	175	160	160	150
Power Supply	AC100~240V (50/60Hz)				
Drive Mode	Common cathode constant current driver				
Frame Rate (Hz)	50 / 60				
Refresh Rate (Hz)	3840				
Lifetime (hrs)	100,000				
Operating Mode	24×7				
IP Level (front)	IP54 / 4H				
Operation Conditions	Temperature: -10 - +40 Humidity: 10 - 90% RH, no condensation				
Storage Conditions	-20 - +60 (°C) Humidity: 10 - 95% RH, no condensation				
Certificates	CE, CB, TÜV, RoHS, REACH, FCC				