



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 (WxHxD)	LED Controller	Part Number
VDS Complete HD 108 WM	108.4" / 275cm	 Full HD (1920x1080)	1.25mm	4x4 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	5x5 VDS1.5	3000 × 1687.5 × 89.2mm		VDS15HD136WMXX
VDS Complete DHD 196 WM	198" / 503cm	 Double Full HD (3840x1080)	1.25mm	8x4 VDS1.2	4800 × 1350 × 89.2mm		VDS12DHD196WMX
VDS Complete UHD 136 WM	135.5" / 344cm		0.78mm	5x5 VDS0.7	3000 × 1687.5 × 89.2mm		VDS07UHD136WMX
VDS Complete UHD 163 WM	162.6" / 413cm	 4K (3840x2160)	0.935mm	6x6 VDS0.9	3600 × 2025 × 89.2mm		VDS09UHD163WMX
VDS Complete UHD 217 WM	216.8" / 551cm		1.25mm	8x8 VDS1.2	4800 × 2700 × 89.2mm		VDS12UHD217WMX

Leyard VDS General Specifications

Model	VDS-0.7	VDS-0.9	VDS-1.2	VDS-1.5
Pixel Configuration	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
Module Resolution (WxH)	192x216	160x180	120x135	96x108
Module Size (mm)(WxHxD)	150x168.75			
Module Composition (WxH)	4x2			
Cabinet Resolution (WxH)	768x432	640x360	480x270	384x216
Cabinet Size (mm)(WxHxD)	600x337.5x43.5			
Unit Area (m²)	0.2025			
Cabinet Weight (kg/m²)	25			
Pixel Density (pixel/m²)	1,638,400	1,137,777	640,000	409,600
Surface Flatness (mm)	≤0.1			
Colour Bit Depth	16 Bit			
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/m²)	425	375	325	325
Avg. Power Consumption (W/m²)	200	175	160	160
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	24x7			
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			