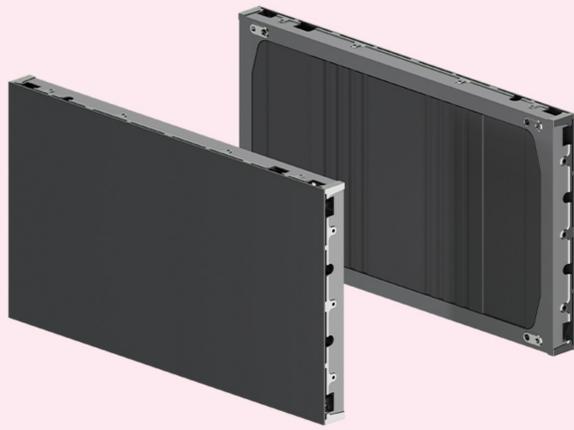


DV SERIES SMD

(Aluminium Die Cast)

ACTIVE LED SOLUTION



1.2mm 1.5mm

1.8mm 2.5mm

Pixel Pitch



SMD Technology

SMD (Surface-Mounted Device) technology is the dominant method for active LED displays, packaging Red, Green, and Blue LED chips together onto a single surface-mount component, allowing for high pixel density, superior resolution, wider viewing angles, better color accuracy, and smaller module sizes compared to older DIP (Dual In-line Package) LEDs. This technique places LEDs directly onto a Printed Circuit Board (PCB), enabling compact, efficient, and cost-effective manufacturing for applications from indoor signage to large video walls.

✓ High-Resolution SMD LED Technology

Superior image quality with sharp details and vibrant colors

✓ Ultra-Slim & Seamless Panel Structure

Ensures flat display surface with minimal gap for perfect visual continuity.

✓ High Refresh Rate

Flicker-free display, ideal for video, presentations, and live broadcasting.

✓ Front & Rear Serviceability

Easy installation and maintenance, suitable for wall-mounted applications.

✓ Excellent Color Uniformity & Grayscale Performance

Flicker-free display, ideal for video, presentations, and live broadcasting.

✓ High Brightness & Wide Viewing Angle

Clear visibility even in bright environments with consistent color from all angles.

✓ Energy-Efficient & Reliable Operation

Optimized power consumption with stable long-hour performance.

✓ Precision Cabinet Flatness & Alignment

Ensures perfect module alignment for premium display quality.

DV SERIES **SMD** (Aluminium Die Cast)

Model NO	DVS - 1.2P	DVS - 1.5P	DVS - 1.8P	DVS - 2.5P
Pixel Pitch (mm)	1.25 pixel pitch	1.56 pixel pitch	1.87 pixel pitch	2.5 pixel pitch
Pixel Configuration	SMD	SMD	SMD	SMD
Module Size (mm)	300*168.75mm	300*168.75mm	300*168.75mm	300*168.75mm
Module Resolution	240*135	192*108	160*90	120*135
Unit Layout (W×H)	2*2	2*2	2*2	2*2
Cabinet Size (mm) (W×H×D)	600*337.5*40mm	600*337.5*40mm	600*337.5*40mm	600*337.5*40mm
Cabinet Size (mm) (W×H×D)	1200*675*40mm	1200*675*40mm	1200*675*40mm	1200*675*40mm
Cabinet Resolution (W×H)	480*270	384*216	320*180	240*135
Cabinet Density (m ²)	0.2025	0.2025	0.2025	0.2025
Pixel Density (Dots/m ²)	640000	409600	284444	160000
Cabinet Material	Aluminum Die-cast	Aluminum Die-cast	Aluminum Die-cast	Aluminum Die-cast
Cabinet Weight (kg)	4.1	4.1	4.1	4.1
Cabinet Flatness (mm)	≤0.1	≤0.1	≤0.1	≤0.1
Brightness (nits)	0-600(Adjustable)	0-600(Adjustable)	0-600(Adjustable)	0-600(Adjustable)
Color Temperature (K)	2000-12000(Adjustable)	2000-12000(Adjustable)	2000-12000(Adjustable)	2000-12000(Adjustable)
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°	160°/160°
Brightness Uniformity	≥98%	≥98%	≥98%	≥98%
Color Uniformity	Within ±0.0035 Cx, Cy			
Contrast Ratio	7000:01:00	7000:01:00	7000:01:00	7000:01:00
Max Power Consumption	≤500	≤400	≤400	≤400
Average Power Consumption	≤167	≤133	≤133	≤133
Working Voltage (V)	AC100~240V (50~60Hz)	AC100~240V (50~60Hz)	AC100~240V (50~60Hz)	AC100~240V (50~60Hz)
Frame Rate (Hz)	50/60	50/60	50/60	50/60
Refresh Rate (Hz)	3840	3840	3840	3840
Grey Scale (Bit)	13-14	13-14	13-14	13-14
Operating Temperature (°C)	-10~+40	-10~+40	-10~+40	-10~+40
Operating Humidity (RH)	10%~80%RH,no condensation	10%~80%RH,no condensation	10%~80%RH,no condensation	10%~80%RH,no condensation
Life Span	1,00,000	1,00,000	1,00,000	1,00,000
Scan rate	1/60	1/54	1/54	1/60
Maintenance Method	Front	Front	Front	Front
IP Rating	Front IP41/Rear IP20	Front IP41/Rear IP20	Front IP41/Rear IP20	Front IP41/Rear IP20
lamp	SMD1010	SMD1212	SMD1515	SMD2121
Driving Mode	Common anode	Common anode	Common anode	Common anode
IC	ICN1065	ICN1065	ICN1065	ICN1065

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