

MODEL		DIAMOND VISION AVL-OD12			
Basic Specifications	Display Device	LED			
	LED Pixel Arrangement and Layout of Color Pixel				
	Pixel Pitch	25 mm (Equivalent to 17.7 mm with Dynamic Pixel Control)			
	Pixel Density	6,400 dots / sq. m			
	Max. Brightness	5,000 cd/sq. m			
	Image Processing	Progressive Scan Converter + Interpolation			
	Grey Scale Processing	4,096 Steps (12 bits)			
	Brightness Adjustment Level	64 Steps (6 bits)			
	Viewing Angle	H : 140 degree (+/- 70 degree) , V : + 15 /- 30 degree			
	Minimum Viewing Distance	more than 10 m			
	Power Consumption (avg.) *1	0.7 kW/sq. m			
	Power Requirement *2	1.2 kVA/sq.m (3-Phase 3-Wire + Earth AC200 to AC240 V 50/60Hz)			
	Required Cooling Capacity	0.6 kW/sq. m			
	Brightness Reduction Time Up To Half of Initial Value Under Normal Condition	50,000 hr			
Standard Module	Screen Size	1.92 sq. m	=	1.2 m (H) x 1.6 m (W)	
	Number of Lighting Unit	24	=	6 (H) x 4 (W)	
	Resolution	12,288 dots	=	96 dots (H) x 128 dots (W)	
	One Module Mass	Approx. 140 kg (metric)			
Supplementary Module A	Screen Size	0.64 sq. m	=	0.8 m (H) x 0.8 m (W)	
	Number of Lighting Unit	8	=	4 (H) x 2 (W)	
	Resolution	4,096 dots	=	64 dots (H) x 64 dots (W)	
	One Module Mass	Approx. 65 kg (metric)			
Supplementary Module B	Screen Size	0.96 sq. m	=	1.2 m (H) x 0.8 m (W)	
	Number of Lighting Unit	12	=	6 (H) x 2 (W)	
	Resolution	6,144 dots	=	96 dots (H) x 64 dots (W)	
	One Module Mass	Approx. 85 kg (metric)			
Supplementary Module C	Screen Size	1.28 sq. m	=	0.8 m (H) x 1.6 m (W)	
	Number of Lighting Unit	16	=	4 (H) x 4 (W)	
	Resolution	8,192 dots	=	64 dots (H) x 128 dots (W)	
	One Module Mass	Approx. 105 kg (metric)			

\*1: Power consumption is based on 100 % brightness at 30 % duty (=video display).

\*2: Power requirement is a value at the time of operating an APS (Auto Power consumption control System) function.