

MODEL		DIAMOND VISION AVL-ID8	
Basic Specifications	Display Device	LED (SMD (Surface Mounted Device) type)	
	LED Pixel Arrangement and Layout of Color Pixel		
	Pixel Pitch	16 mm (Equivalent to 11.3 mm with Dynamic Pixel Control)	
	Pixel Density	15,625 dots / sq. m	
	Max. Brightness	3,000 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 : 130 degree (+/- 65 degree) , V : + 15 /- 30 degree	
	Minimum Viewing Distance	more than 6 m	
	Power Consumption (avg.) *1	0.45 kW/sq. m	
	Power Requirement *2	0.85 kVA/sq.m (3-Phase 3-Wire + Earth AC200 to AC240 V 50/60Hz)	
	Required Cooling Capacity	0.42 kW/sq. m	
	Brightness Reduction Time Up To Half of Initial Value Under Normal Condition	50,000 hr	
One Module	Screen Size	0.26 sq. m = 0.512 m (H) x 0.512 m (W)	
	Number of Lighting Unit	4 = 2 (H) x 2 (W)	
	Resolution	4,096 dots = 64 dots (H) x 64 dots (W)	
	One Module Mass	Approx. 19 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.