

P I 6 L E D S M D P E R I M E T E R S Y S T E M

LED Component	Primary Colour	Quantity	Package Type	Chromaticity Coordinates	Luminour Intensity (mcd)	Viewing Angle (Horizontal)	Viewing Angle (Vertical)
	Red	1	Nichia M016CT	0.700,0.299	700	120	110
	Green			0.189,0.718	1200		
	Blue			0.133,0.075	400		
LED Pixel Card or LED Board	Physical Pitch (mm)	Physical Pixel Configuration (W * H)	PCB Dimensions W * H (mm)	Max Power Consumption (Watt Per Card)	Average Power Consumption (Watt Per Card)		
	16	16 x 16	256 * 256	100	35		
Display Module	Pixel Card Configuration W * H	Physical Pixel Configuration W * H	Module Dimensions W x H x T (mm)	Display Area (m²)	Module Weight (kg)	Max Power Consumption (Watt Per Module)	Average Power Consumption (Watt Per Module)
	5 * 4	80 * 64	1280 * 1024 * 280	1.31	65	2000	750
	Temperature Range inside Module (8c)	Relative Humidity Range inside module (RH%)	Packing Dimensions W * H * D (mm)	Packing Gross Weight, with Carton (kg)			
	0°C ~ +45°C	R.H.50% ~ 85% No Condensation	1325 * 1069 * 350 None stackable flight case	68			
LED Display	Physical Pixel Density (dot/m²)	Brightness at 100% Intensity White (cd/m²)	Contrast at 800 Lux Illumination Level	White Colour Temperature (k)	Primary Colour Greyscale Levels	Colour Reproduction	
	3,906	>5000	8000:1	Adjustable 5500 ~ 8500	256 levels for each primary colour	16.6 million colours	
	Colour Processing Depth (bit)	g Correction Depth (bit)	Luminous Brightness Control Levels (Auto or Manual)	Refresh Rate (Hz)	Image Frame Speed f/s	LED Driving Circuit Mode	Pixel Array Driving Strategy
	15	variable	100 levels	2400	60	Constant Current Mode	Static
	Imaging Technology	Average Power Consumption (watt/m²)	Max Power Consumption (watt/m²)	Power Supply Rating	Certification Options for Safety Parts	Operation Temperature Range (°C)	Operation Humidity Range
	Real Pixel Mechanism	550	1550	220v 50/60Hz	UL / CE / CCC	-5°C ~ +55°C Air Conditioning is required to sustain a proper environment	R.H/ 20% ~ 95% No Condensation
	Ingress Protection	Transmitter to Receiver Connection Distance					
	Rear: IP54 Front: IP65	Cat 5 UTP: 100m Multi-Mode Fiber: 500m Single Mode Fiber: 15,000m					