



LED MODULE SPECIFICATION

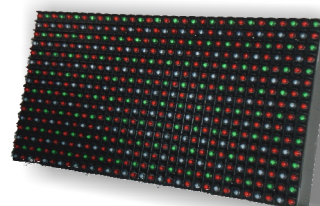
Module NO: P16-D01V

LED TYPE: DIP 546 2R1G1B

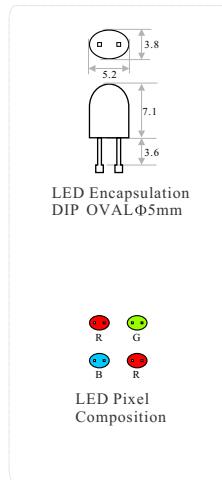
Apply Environment: Outdoor

Pixel Pitch: Real16mm/Virtual 8mm

Driving Method: Static Virtual Duty

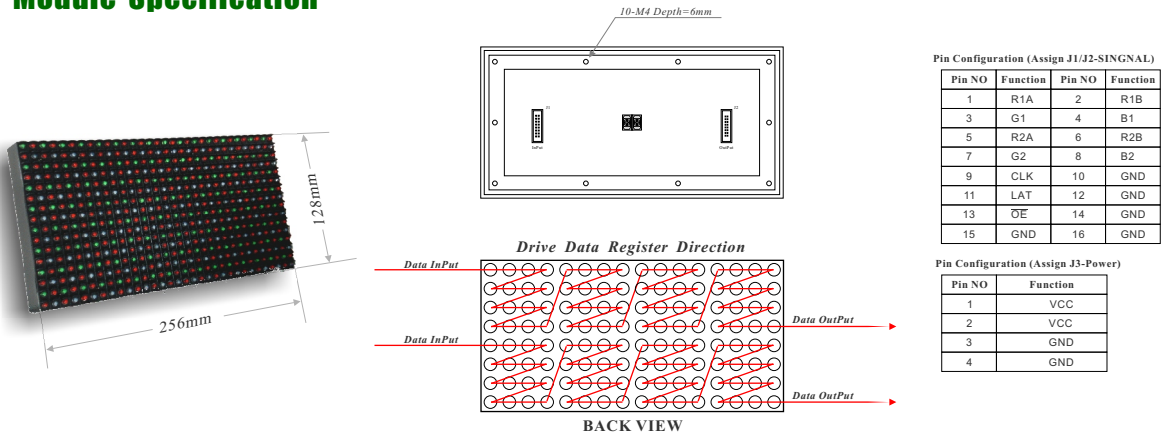


P16-D01V LED Lamp Main Specification



	Oval 5mm LED Lamp-R	Oval 5mm LED Lamp-G	Oval 5mm LED Lamp-B
LED型號 Type NO	DIP546	DIP546	DIP546
亮度(mod) Brightness@20mA	1000mcd	2800mcd	500mcd
波長範圍(nm) WaveLength Range	620~625	520~525	465~470
正向壓降@20mA(V) Forward Voltage	2.1~2.2	3.3~3.4	3.3~3.4
晶片尺寸(ml/μm) Chip Size	12milx12mil 305μmx305μm	15milx15mil 381μmx381μm	15milx15mil 381μmx381μm
晶片厚度(ml/μm) Chip Thickness	6.7mil/170μm	3.4mil/85μm	3.4mil/85μm
視角2θ 1/2(Degree) Viewing Angle	110/40	110/40	110/40

P16-D01V Module Specification



LED DISPLAY MODULE MAIN SPECIFICATIONS		
ITEM	DESCRIPTION	
像素點距 Pixel Pitch	16mm	
模組解析 Module Resolution	16x8 Dots	
像素結構 Pixel Configuration	2R, 1G, 1B	
虛擬像素點距 Virtual Pixel Pitch	8mm	
驅動方式 Driving Method	Static/Constant Current	
模組尺寸 Panel Size	256x128mm	
單點亮度 Brightness/Per Pixel	4666 mcd	
環境防護等級 Front Module Weather Proof	IP65	
模組重量 Module Weight	1.15Kg	
最佳視距 Option Distance	> 15m	
工作電壓 Working Voltage	DC +5V	
最大負載 MAX Working Consumption	35Watts	
使用壽命 Life Time	> 75,000 Hours	
工作環境溫度 Operating Environment Temperature	-20°C ~ 50°C	
工作環境溼度 Operating Humidity	0 ~ 95%	
模組結構材質 Material of Module Outside Frame	PC	

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Cabinet For Fixed Type P16-FC01V

Pitch 16mm LED Display For Outdoor Fixed Cabinet



For LED Video Wall Application

CABINET FOR LED DISPLAY SPECIFICATIONS

ITEM	DESCRIPTION
像素點距 Pixel Pitch	Real: 16mm / Virtual: 8mm
箱體像素 Pixel Destiny(Pixels)	Real: 64x48 / Virtual: 128x96
解析度 Physical Density	3906(Pixels/m ²)
像素結構 Pixel Configuration	2R, 1G, 1B
箱體尺寸 Dimensions(HxWxD)	1024x768x135 mm
重量 Weight	55Kg
最大亮度 Typical Brightness	> 10,000 nits
前環境係數 Front Cabinet Weather Proof	IP65
後環境係數 Back Cabinet Weather Proof	IP54
最佳視距 Option Distance	> 15m
工作電壓 Working Voltage	DC +5V
最大供電負載 MAX Power Consumption(Full White)	1,000 Watts/ m ²
平均供電負載 Average Power Consumption	350 Watts/ m ²
工作環境溫度 Operating Environment Temperature	-20°C ~ 50°C
工作環境濕度 Operating Humidity	0~95%
可視角度 Viewing Angle(Horizontal/Vertical)	110°/40°(50% Brightness)
驅動方式 Driving Method	Static/Constant Current
使用壽命 Life Time	> 75,000 Hours
訊號連接介面 Link Signal's Cable Between Cabinet	RJ-45 Cat'5
線材最大長度 Max Link Cable Length	100M
支持顏色 Gray/Colors	10-Bit Depth Color
刷新率 Refresh Rate	10Hz~300Hz Adjustable
交流電源 AC Operation Power Voltage	AC: 110V/60Hz; 220V/50Hz
亮度控制 Brightness Control	256 Level By Software
電腦顯示卡需求 PC Display Interface Require	DVI (ATI, nVIDIA)
作業系統要求 Operating System	MS Windows Series Product

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