



LED MODULE SPECIFICATION

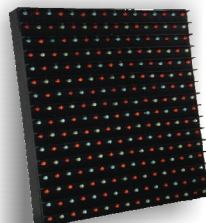
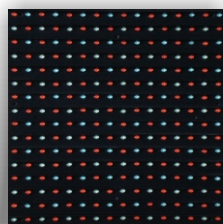
Module NO: P10-D02V

LED TYPE: DIP 346 2R1G1B

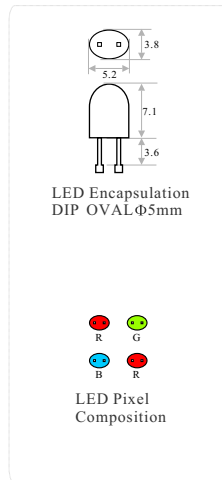
Apply Environment: Outdoor

Pixel Pitch: Real:10mm/Virtual: 5mm

Driving Method: 1/2 Scan

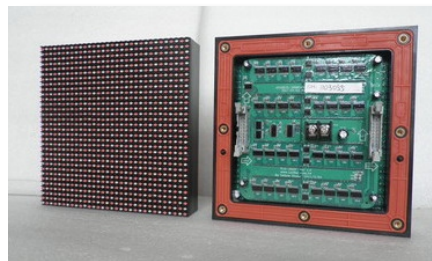
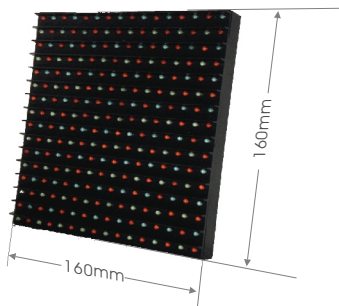


P10-D02V LED Lamp Main Specification



	Oval 3mm LED Lamp-R	Oval 3mm LED Lamp-G	Oval 3mm LED Lamp-B
LED型號 Type NO	DIP346	DIP346	DIP346
亮度(mcd) Brightness@20mA	600~800mcd	1200~1800mcd	200~250mcd
波長範圍(nm) WaveLength Range	626~628	518~520	466~468
正向壓降@20mA(V) Forward Voltage	2.1~2.2	3.3~3.4	3.3~3.4
視角2θ 1/2(Degree) Viewing Angle	110/45	110/45	110/45

P10-D02V Module Specification



Pin Configuration (Assign J1/J2-SIGNAL)

Pin NO	Function	Pin NO	Function
1	R1A	2	R1B
3	G1	4	B1
5	R2A	6	R2B
7	G2	8	B2
9	CLK	10	GND
11	LAT	12	GND
13	DE	14	GND
15	GND	16	GND

Pin Configuration (Assign J3-Power)

Pin NO	Function
1	VCC
2	GND

LED DISPLAY MODULE MAIN SPECIFICATIONS

ITEM	DESCRIPTION
像素點距 Pixel Pitch	10 mm
模組解析 Module Resolution	16x16 Dots
像素結構 Pixel Configuration	2R, 1G, 1B
虛擬像素點距 Virtual Pixel Pitch	5mm
驅動方式 Driving Method	1/2 Duty/Constant Current
驅動元件 16 Channel LEDDriver	MBI5026 / Compatibility
模組尺寸 Panel Size	160 x160mm
單點亮度 Brightness/Per Pixel	2,500 mcd
環境防護等級 Front Module Weather Proof	IP65
模組重量 Module Weight	650g
最佳視距 Option Distance	> 10m
工作電壓 Working Voltage	DC +5V
最大負載 MAX Working Consumption	45Watts
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 Rental Type P10-D02V

Pitch 10mm LED Display For Outdoor Rental Cabinet



For LED Video Wall Application

CABINET FOR LED DISPLAY SPECIFICATIONS

ITEM	DESCRIPTION
像素點距 Pixel Pitch	Real: 10mm / Virtual: 5mm
箱體像素 Pixel Destiny(Pixels)	Real: 64x48 / Virtual: 128x96
解析度 Physical Density	10,000(Pixels/m ²)
像素結構 Pixel Configuration	2R, 1G, 1B
箱體尺寸 Dimensions(WxHxD)	640x480x150 mm
重量 Weight/Cabinet	16Kg Aluminum
最大亮度 Typical Brightness	>5,000 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	> 10m
工作電壓 Working Voltage	DC +5V
最大供電負載 MAX Power Consumption(Full White)	1,800 Watts/ m ²
平均供電負載 Average Power Consumption	600 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	1/2 Scan / 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 Products

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