



P10 Double Color Outdoor Module

Item	Unit	Parameter
Pixel Pitch	mm	10,00
Resolution of Module	dots	32×16
<b>HUB</b>		<b>12</b>
Module Size	mm	320×160
Led Package	DIP Oval 346 Lamp	
Pixel Configuration	1R1G	
Chip Brand of LEDs	Epistar	
Module Weight	kgs/pc	0,76
Pixel Density	dots/sqm	10.000
Brightness (White Balance)	nits(cd/sq.m)	4.000
Red Wavelength	nm	620-625
Green Wavelength	nm	520-525
Blue Wavelength	nm	470-475
Scan Mode	1/4 Scan	
Viewing Distance	M	5~100
Best View Distance	M	12.5~33m
Viewing Angle-Horizontal	deg.	80
Viewing Angle-Vertical	deg.	60
Module Maximum Power	W	28
Max. Power Consumption	W/sq.m	550
Avg. Power Consumption	W/sq.m	165~300
Working Voltage	40A 5V	
Power Supply	AC 110/220V	
Waterproof Grade	IP65	
Refresh Rate	Hz/S	300
Frame Rate	Hz/S	≥ 60
Gray Scale	256 grade	
Display Function	Texts	
Input Signal	RS232/485, USB, Ethernet	
Luminance Degradation	after 1000 hours Ageing test, testing current 30mA, under normal temp	
Defective Dot Rate	<0.0001	
Life Span	hours	100.000
MTBF	hours	>5,000
Storage Temperature	°C	-35 -- +80
Working Temperature	°C	-20 -- +80
Working Humidity	10%-90%RH	
Control System	Asynchronous or Synchronous	
Quality Certificate	ETL,CE,RoHS,TUV,FCC class A,ISO9001:2008	
Warrenty	2 Years	
Working Environment	Outdoor	

The above parameter is just for reference. Changes can be made according to customers' requirement