



Top Quality P10 Single Color Led Modules

(1) Technical Parameter

P10 Outdoor Single Color Module		
Item	Unit	Parameter
Pixel Pitch	mm	10
Resolution of Module	dots	32 × 16
Module Size	mm	320 × 160
Led Package	DIP Oval 546 Lamp	
Pixel Configuration	1B	
Module Weight	kgs/pc	0.56-0.58KG
Pixel Density	dots/sqm	10,000
Brightness (White Balance)	nits(cd/sq.m)	4500cd/sqm
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	10~33m
Viewing Angle-Horizontal	deg.	80
Viewing Angle-Vertical	deg.	60
Module Maximum Power	W	20
Max. Power Consumption	W/sq.m	490
Avg. Power Consumption	W/sq.m	100~250
Working Voltage	40A 5V (8-10pcs panels)	
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	Less than 5% after 1000 hours Ageing test, testing current 30mA, under normal temperature 25° C.	
Defective Dot Rate	<0.0001	
Life Span	hours	100,000
MTBF	hours	>5,000
	° C	-15~60
Working Humidity	10%-90%RH	
Control System	Asynchronous or Synchronous	
Warrenty	2 Years	
Working Environment	Outdoor	
Note: The above parameter is just for your reference. It can be changed according to customers' requirements.		