



## SMD P10 Red Color Led Modules

### (1) Technical Parameter

SMD P10 Red Color Led Modules		
Item	Unit	Parameter
Pixel Pitch	mm	10
Resolution of Module	dots	32×16
Module Size	mm	320×160
Led Package	SMD2835 0.2W	
Pixel Configuration	1R	
Chip Brand of LEDs	MLS	
Module Weight	kgs/pc	0.35
Pixel Density	dots/sqm	10,000
Brightness (White Balance)	nits(cd/sq.m)	1800
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	400
Avg. Power Consumption	W/sq.m	100~250
Working Voltage	40A 5V	
Power Supply	AC 110/220V	
Waterproof Grade	IP65 (Transparent glue injection)	
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
Storage Temperature	° C	45



Working Temperature	° C	60
Working Humidity	10%-90%RH	
Control System	Asynchronous or Synchronous	
Quality Certificate	ETL,CE,RoHS,TUV,FCC class A,ISO9001:2008	
Working Environment	Outdoor	
Note: The above parameter is just for your reference. It can be changed according to customers' requirements.		