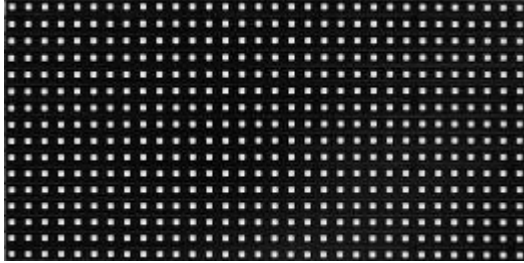


# P8 outdoor SMD HD full color LED display parameter



## 1. LED Light Parameter

LED	LED Lamp	LED type	wave Length (nm)	Average Brightness (mcd)	Test Condition
Red (R)	Nationstar	SMD 3535	620-625nm	440-572mcd	25°C, 20mA
Green (G)			521.5-524.5nm	1050-1365mcd	25°C, 15mA
Blue (B)			465.5-468.5nm	252-327.6mcd	25°C, 10mA

## 2. Pixel/Module

No	Item	Parameter
1	Pixel Pitch	4mm
2	Pixel Configuration	R: G: B=3: 6: 1
3	LED Lamp	Full color
4	Density	62500 dot/m <sup>2</sup>
5	Module Size	256*128mm
6	Module Pixel	64*32=2048dot
7	Module Thickness	17mm
8	Module Weight	296g
9	Module Power	≤29.5W
10	Drive Voltage	DC5V
11	Module Electric Current	5.9A
12	Port Type	HUB-75D/B
13	Color Temperature	10047K



### 3. Screen Parameter

No	Item	Parameter
1	Standard Cabinet Size	die-casting aluminum cabinet 768mm*768mm*77mm Waterproof Iron Cabinet1024*1024*120mm
2	Cabinet Weight	8KG/45KG
3	Brightness/Adjustment	$\geq 5500\text{cd/m}^2$ , Level 16- Automatic / Level 100-Manual operation
4	View Angle	$\geq 140^\circ$ (Horizontal), $\geq 120^\circ$ (Vertical)
5	Best View Distance	8-100m
6	Grey Scale	Within 65536 Step
7	Frame Frequency	$\geq 60\text{Hz}$
8	Refresh Rate	$\geq 3840\text{Hz}$
9	Signal Input Source	Composite, S-video, Component, VGA, DVI, HDMI, SDI, HD-SDI
10	Scan Mode	1/4 Scan
11	Drive IC	2153
12	Module Qty / M <sup>2</sup>	30.5
13	Display Color Qty	16777216
14	Continuous Working Time	>24 (Hrs)
15	Screen Lifespan	>100,000 (Hrs)
16	MTBF	>5000 (Hrs)
17	Max. power consumption	900W/m <sup>2</sup>
18	Ave. power consumption	300W/m <sup>2</sup>
19	Out of control pixel rate	$\leq 3/10,000$ (discrete distribution)
20	Control Distance	100M(Ethernet) 500M(Multi-fiber) 10KM(Sigle-fiber)
21	Flatness	Screen Surface $\leq 0.5\text{mm}$ , Pixel Pitch $\leq 0.3\text{mm}$
22	Operation Temperature	-10°C ~ +50°C

23	Working Humidity	10%~98%RH
24	Storage Temperature	-20°C~+60°C
25	Software Connection	Standard Computer Connection, Compatible With Windows、Unix、Novell
26	Protection system	Over temperature/overload/power/image compensation/nonlinear correction
27	Working Voltage	200~240 V
28	Dielectric Strength	50HZ/1500V (AC RMS) /1min
29	Temperature Rise	Metal $\leq$ 40K, Insulation $\leq$ 65K , After Heat Balance
30	IP Grade	IP65
31	Computer display mode	1024*768
32	Media Player	LED Professional Media Player