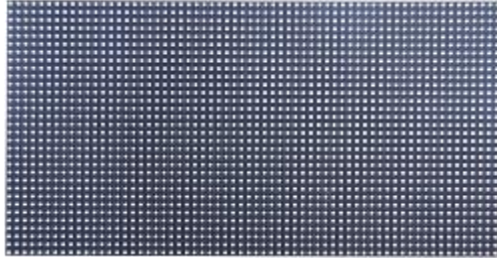


P4 outdoor SMD HD full color LED display parameter

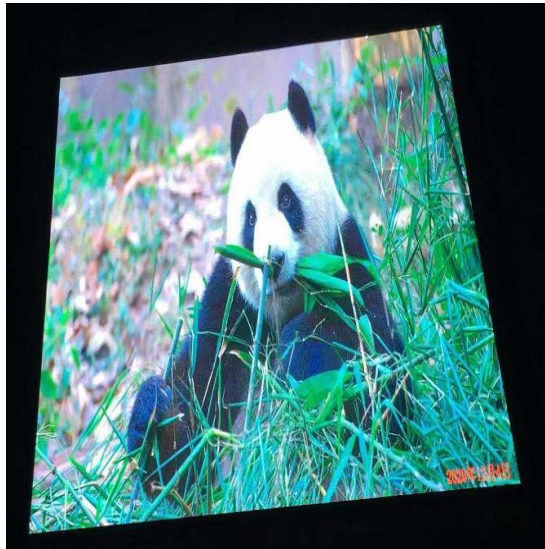


1. LED Light Parameter

LED	LED Lamp	LED type	wave Length (nm)	Average Brightness (mcd)	Test Condition
Red (R)	Nationstar	SMD 2525	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 ²
5	Module Size	256*128mm
6	Module Pixel	64*32=2048dot
7	Module Thickness	17mm
8	Module Weight	267g
9	Module Power	≤32.8W
10	Drive Voltage	DC5V
11	Module Electric Current	6.6A
12	Port Type	HUB-75D/B
13	Color Temperature	10047K



3. Screen Parameter

No	Item	Parameter
1	Standard Cabinet Size	die-casting aluminum cabinet 512mm*512mm*76mm Waterproof Iron Cabinet 1024*1024*120mm
2	Cabinet Weight	8KG/45KG
3	Brightness/Adjustment	$\geq 6000\text{cd/m}^2$, Level 16- Automatic / Level 100-Manual operation
4	View Angle	$\geq 140^\circ$ (Horizontal), $\geq 120^\circ$ (Vertical)
5	Best View Distance	4-50m
6	Grey Scale	Within 65536 Step
7	Frame Frequency	$\geq 60\text{Hz}$
8	Refresh Rate	$\geq 1920\text{Hz}$
9	Signal Input Source	Composite, S-video, Component, VGA, DVI, HDMI, SDI, HD-SDI
10	Scan Mode	1/8 Scan
11	Drive IC	2153
12	Module Qty / M ²	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	1000W/m ²
18	Ave. power consumption	350W/m ²
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 0.5mm, Pixel Pitch \leq 0.3mm
22	Operation Temperature	-10 $^{\circ}$ C \sim +50 $^{\circ}$ C
23	Working Humidity	10% \sim 98%RH
24	Storage Temperature	-20 $^{\circ}$ C \sim +60 $^{\circ}$ 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 \sim 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