



Product Specification

P4 Outdoor

Parameter of Outdoor P4

LED Type	SMD1921
Pixel Pitch	4mm
Module Resolution	W80*H40 dots
Interface	HUB75
Module Size	W320*H160mm
Module weight	435±5g
Pixel Density	62,500dots/m ²
Pixel configuration	1R1G1B
Module QTY/m²	19.53 pcs/ m ²
Min. Viewing Distance	≥4m
Brightness	≥4500 cd/m ²
Viewing angle	H≥160° V≥140°
Driving Mode	1/10 scan constant current
Input Voltage	5VDC
Max. Power Consumption	33 W / Piece
Avg. Power Consumption	17 W / Piece
Max. Current	6.5A
Single Processing Depth	16384
Video frame rate	60 frames/s
Refresh rate	≥1920Hz
Defective Dots rate	<0.0001 (LED industry standard: ≤ 0.0003)
Decay Rate (Operate 3 Years)	≤15%
Brightness Conformity	≥97%
Colors	281 trillion
MTBF	≥10000 hours
Lifespan	≥100000 hours
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.
Operating Temperature	-20°C~+60°C
Operating Humidity	10-80% no condensation
Storage Temperature	-20°C~+60°C
Storage Humidity	10-80% no condensation

Control System Parameter	
Color Temperature	Adjustable by software
Brightness level	256 levels, automatic or manual adjustment
Control way	Computer, real time, off-line, wireless, and internet etc.
Communication Distance	CaT5 UTP 100 meters, max. 130 meters; or optical fiber