

OUT DOOR FULL COLOR SMD P3.91



SIZE 50 x 50 cm

Resolution (w x h)
64 x 64 points

Pixe (mm)
3.91 mm

Encapsulation method
SMD 1921

Size(W x H x T)
250 x 250 x 15 mm

Pixel points
65536points / m2

Weight (kg / piece)
0.55kg / piece

Color	In order to achieve the best white balance performance, color blending has the			
Blending	strict requirements on led brightness. And the R:G:B ratio is 3:6:1			
Item	Wavelength	Brightness	Chip Brand	Testing conditions
Pure Red	625nm	220mcd	EPISTAR	25℃,20mA
Pure Green	523nm	650mcd	SAN AN	25℃,20mA
Pure Blue	467nm	110mcd	SAN AN	25℃,20mA
technical parameter	1) Lamp body: smd1921 2) Single pixel brightness: R: 95-125mcd, G: 310-403mcd, B: 70-91mcd 3) Screen Depth: 7cm			
Power	1) Working Voltage: AC220V±10% 2) Average Consumption:400W/m2 3) Max Consumption: 800W/m2 4) Current: < 18ma (single lamp)			
Control System	1) Control host: P4 or above 2) Operating system: win 98/2000/NT/XP 3) Control mode: synchronous control			
MainTechnology Specification	1) Driver: LED special constant current driver6124 2) Drive mode: 1/16 sweep drive 3) Refresh frequency: ≥7680 frames / second 4)Gray level / color: 256 RGB levels, 16.7M colors can be displayed 5) White balance brightness: ≥ 3800cd / m2 6)Brightness adjustment mode: software adjustment 100 levels adjustable 7) Video signal: PAL/NTSC 8) Control system: PCTV card+DVI graphics card + control card+Optical fiber transmission 9) Mean time between failures: ≥ 6000 hours 10) Half-life: >70 thousand hours 11) Flatness: between any adjacent pixels 3.91mm; Module splicing gap < 1.0mm;			
Software	LED Studio			
Protection Technology	Humidity Protection, Dust Protection, Rust Protection, Static-Protection, etc.			
Play content	Text file, word file, all picture files (BMP / JPG / GIF / PCX... Some animation files (MPG / MPEG / MPV / MPA / AVI / VCD / SWF / RM/RA / RMJ / ASF..			
Assembly	The screen adopts a module - display box - display screen combined assembly			
structure	structure, which is convenient to assemble.			