

# INDOOR FULL COLOR SMD P2.5



Resolution (w x h)  
128 x 64 points

Pixe (mm)  
2.5 mm

Encapsulation method  
SMD 1515

Size(W x H x T)  
320 x 160 x 15 mm

Pixel points  
160000points / m2

Weight (kg / piece)  
0.36kg / 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°C,20mA

Pure Green

523nm

650mcd

SAN AN

25°C,20mA

Pure Blue

467nm

110mcd

SAN AN

25°C,20mA

technical  
parameter

1) Lamp body: smd1515

2) Single pixel brightness: R: 95-125mcd, G: 310-403mcd, B: 70-91mcd

3) Screen Depth: 8cm

Power

1) Working Voltage: AC220V±10%

2) Average Consumption:180-450W/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: 1/64 sweep drive

3) Refresh frequency: ≥3840frames / second

4) Gray level/color: 265 RGB levels, 16.7M Color can be displayed.

5) White balance brightness: >600cd/m2

6) Brightness adjustment mode: software adjustment a 255 levels adjustable

7) Video signal: PAL/NTSC

8) Control system: DVI graphics card + full color control card

9) Mean time between failures: ≥ 6000 hours

10) Half-life: >70 thousand hours

11) Flatness: between any adjacent pixels ≤ 0.3mm;

12) Computer display mode: 800 × 600; 1024 × 768

13) Effective communication distance: no less than 100m (authentic standard network cable transmission)

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.