

LED

LED SMD OUTDOOR/INDOOR 10MM

There are two models of LED panels: the world premiere SMD outdoor/indoor 10MM and the SMD indoor 6MM. Here follow some general specifications:

- Superior uniformity
- Multiple communication options and multiple input options
- Extra-high brightness
- Low cost
- Extra function
- High refresh rate
- Waterproof design
- Easy and fast installation
- Free addressing
- Brightness calibration
- Light weight

Real Pixel Pitch: 10 mm

LED per pixel: SMD 3 in 1

Resolution: 10000 pixel/m² (uniformly spread over the surface, to ensure homogeneity)

LED Number per/m²: 10.000

Single Module Dimension/Pixel(W x H): 160 mm x 160 mm / 16 x 16 pixels

Unit Panel Dimension: 1.280 mm x 960 mm / 128/96 pixels

Cabinet Material: Aluminium

Single Cabinet Weight: 65 Kg

IC Driver: CX-Z

Power Supply: Industrial Level 5V

Best View Distancing: (((>8M)))

Vertical Viewing Angle: 70° (Standard LEDs Viewing Angle)

Horizontal Viewing Angle: 110° (Standard LEDs Viewing Angle)

Constant Color Range: 281 Trillion colors (no degradation at low brightness levels)

Available Color Palette: 281 trillion colors (to see detail even in the darkest area of the image)

Brightness : 4800NIT(+/- 20%) Ensure brilliant images

Brightness Adjustment: Manual, 256 level; Auto, 8 levels

Grey Scale: 65536 Shades Per Color

Operating Temperature: -20°C~+60°C / 10%~95%RH

Temperature Checkup: 16 Sensors/Module (to avoid over-heating)

Refresh Rate: 2400HZ(no flickers while camcorder recording)

Frame Rate: > 60 frames/sec



LEDs Lifetime: Up to 100,000 Hours (over 11 years lifetime)

Input voltage: AC 110V/220V/380V±10%

Input Power Frequency: 50/60Hz

Screen Power Consumptio: n 900w/M2

Support Mode: VGA, 1280*960 display synchronically with the computer, correspondence dot to dot

Control Distance: 120 m (no repeating); Optical fiber transmission: 500m - 10km

Systems Operating Platform: WINDOWS (95, 98, 2000 e XP), with a friendly UI, and interfaces for secondary development.

Defect Rate : 0.0002

Data Transfer Method: RJ45

Humidity: 0/90%

Control Method Synchronized: with computer monitor

Way of Drive: 1/4 Scan

MTFB: > 10.000 horas

Color temperature: 2300-9300K±500

Color: Color In each pixel, there are 256 level gray for red, green and blue representatively, and 281 trillion colors in total.