Product Specification

Product Name: S8 1/5 Scan Outdoor Full Color Module

Item No. : S8-5S-3535(320\*160mm)

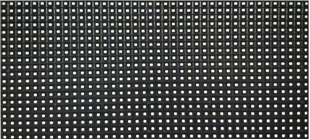
Version: 2.7

No. 8065 Building E5 & E6, West Xiang’an Road, Xiang’an Torch High-Tech Industrial Zone, Xiamen 361100, Fujian China

Mobile：+86 13656001532 Tel：86-592-7885724

E-mail：sophia@qiangliled.com Website：<http://www.qiangliled.com>

# Module Pictures





# 2. Technical Specification

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Module | Pixel Pitch | 8mm | | Pixel Density | 15625 Dots/㎡ |
| Configuration | SMD3535 | | Resolution | 40\*20=800Dots |
| Size (Width\*height\*Depth) | 320\*160\*19mm | | Structure | Led and IC  in one PCB |
| Input Voltage(DC) | 4.5±0.1V | | Maximum Current | ≤9.85A |
| Power Consumption | ≤44W | | Driving method | Constant Current  1/5 Scan |
| 40A power supply | 2-3pcs module | | 80A power supply | 5-6pcs module |
| 40A PFC  power supply | 3-4pcs module | | Module weight | 0.48kg±0.01kg |
| Cabinet | Cabinet Dimensions(Width\*Height\*Depth) | | | 960mm\*960mm\*104.5mm  (Thickness including module and cabinet)  960mm\*960mm\*169.5mm  (Thickness including module, cabinet and connector) | |
| Pixel Density | | | 120\*120=14400Dots | |
| Cabinet Square Meters | | | 0.9216㎡ | |
| Cabinet Weight | | | 30 kg±0.5 kg | |
| Max Power Consumption | | | ≤798W/cabinet | |
| Average Power Consumption(1/3 max) | | | ≤266W/cabinet | |
| Distribution power  (78% power efficiency) | | | ≤1023W/cabinet | |
| Display Screen | Brightness | | 6000cd/㎡ | Brightness Uniformity | ＞0.95 |
| Viewing angle-Horizontal | | 140±10 degree | Viewing angle-Vertical | 130±10 degree |
| Best Viewing Distance | | ≥8m | Black spot Ratio | <0.0003,  0 before delivery. |
| Max Power Consumption | | ≤866W/㎡ | Max Power Distribution | ≤1306W/m2 |
| Gray Scale | | R,G,B color 14-16bits/each | Display Color | 4398 billion |
| Frame Frequency | | ≥60 fps | Refresh Frequency | ≥3840Hz |
| Control Mode | | Computer-controlled, point-by-point,  correspondingly, online video | Brightness adjustment | 1. grade   manual /automatic |
| Life Span: | | ≥100,000 hrs | Average Failure Free Time | ≥10,000 hrs |
| Attenuation  (3 years later) | | ≤15％ | Operating Humidity | 10％---90％RH |
| Input Signal | | DVI/VGA, Video (multiple formats) RGBHV, Composite video signal、S-VIDEO, YpbPr (HDTV) | | |

# 3. Signal Pin

HUB75

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Pin** | **Signal** | **Function** | **Pin** | **Signal** | **Function** |
| 1 | RD1 | Red data signal | 2 | GD1 | Green data signal |
| 3 | BD1 | Blue data signal | 4 | GND | GND |
| 5 | RD2 | Red data signal | 6 | GD2 | Green data signal |
| 7 | BD2 | Blue data signal | 8 | GND | Line power control signal |
| 9 | A | Line power control signal | 10 | B | Line power control signal |
| 11 | C | Line power control signal | 12 | D | Line power control signal |
| 13 | CLK | Clock signal | 14 | LAT | Data locking signal |
| 15 | OE | Enable signal | 16 | GND | GND |

接口