



Features

- Energy-Efficient Operation
- Dual Maintenance Access
- Seamless Motion Display
- Balanced Visual Impact
- Low-Maintenance Reliability
- 3/5 years standard warranty (expandable up to 5/7 years)
- Slim Design

Modular Series – P7.81mm is crafted for those big, bold outdoor displays where maximum visibility and durability take center stage. With a wider pixel pitch and lower LED density, it's a great fit for larger screens viewed from a distance—like highway billboards, outdoor arenas, or spacious public areas. Due to its high-performance scanning technology, it offers stable, efficient operation without sacrificing visual quality. Motion remains smooth and eye-catching, whether you're playing a video ad or live footage. The design also supports both front and rear access, making maintenance flexible and straightforward—even in hard-to-reach installations.

Technical Specification

| Description | P7.81 |
|---------------------------------|--|
| SMD Type | Nationstar SMD2727 Copper Wire/Gold Wire |
| Physical Density (dots/sqm) | 16384 |
| Panel Dimension Wx H X Depth in | 1000 x 1000 x 83 |
| Module size W x H in mm | 500mm x 250mm |
| Cabinet resolution | 128 x 128 |
| Module resolution | 64 x 32 |
| Cabinet weight in Kg | 25 |
| Cabinet material | Aluminum profile |
| Maintenance Mode | Front and Rear |
| Brightness nits | 6000nits |
| Viewing Angle H/V | 140/140 |
| Contrast Ratio | 5000:1 |
| Scan Ratio | 1:4 |
| Refresh Rate | 3840Hz |
| Max power consumption per sqm | 650watt |
| Average power consumption per | 230watt |
| Working Temperature | NEGATIVE 20C TO +65C |
| Storage Temperature | 0C TO +35C |
| IP rating Front / Rear | IP65 |
| Certification | CE, BIS, ROHS |

Specifications and product information are subject to change without prior notice due to ongoing innovation and development. For the most up-to-date details, please visit www.orion-led.com.

ATENTI | ORIGINS

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