



## 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)	16,384
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	6,000nits
Viewing Angle H/V	140/140
Contrast Ratio	5000:1
Scan Ratio	1:4
Refresh Rate	3,840Hz
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](http://www.orion-led.com).

**ATENTI | ORIGINS**

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