



Features

- Die-Cast Aluminum
- Anti-Reflection Mask
- Side Lock Design
- Front Access
- Wall Mountable Design
- 3 Years Standard Warranty (extendable up to 5 years)

The Orion P1.8 Indoor Rigel Series is a high-precision LED display engineered to deliver exceptional indoor visual performance. It produces clear, high-contrast visuals with impressive depth and smooth gradation, ensuring a superior viewing experience.

Designed for convenience, the display supports full front access and wall mounting, enabling easy installation and maintenance. A specialized anti-reflection mask minimizes light reflection, while the durable plastic back shell protects the PCB from physical damage. This is a reliable and flexible solution for professional indoor LED display applications.

Technical Specification

S.NO.	Product Parameter	SMD P1.8
1	Pixel Pitch in mm	1.86
2	Pixel Density in sqm	284,444
3	Module Size in mm	320 x 160
4	Cabinet Size in mm	640 x 480/600 x 337.5
5	Cabinet Weight in KG	8
6	Viewing Angle in H/V	160/140
7	Brightness in cd/sqm	800
8	Color Depth	14 bit
9	Refresh Rate in Hz	≥3840
10	Voltage	220v
11	Avg. Power Consumption (W)	225
12	Max Power Consumption (W)	650
13	Service Excess	Front
14	IP Grade Front/Rear	31/31
15	Operating Temperature (-/+)	0°C~+50°C
16	Operating Humidity	0-50%
17	Life Time in hrs	100,000
18	MTBF in hrs	5,000

S.No.	Component Parameter	SMD P1.8
1	LED Chip	Nationstar Copper
2	PCB	4 layer
3	Driver IC	ICN/MBI
4	Power Supply	Chuangliang
5	Controller	Nova
6	Cabinet Material	Die Cast

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.

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