



## Features

- Die-Cast Aluminum
- Seamless Splicing
- Anti-Reflection Mask
- Side Lock Design
- Front Access
- Noiseless Operation
- 3 Years Standard Warranty (extendable up to 5 years)

The Orion P1.25 Indoor Rigel Series is a cutting-edge LED display solution designed for high-performance indoor applications. Installation is simplified through the use of flight plugs and side locks, while a fanless metal cooling structure ensures efficient heat dissipation with zero noise. The display supports full front access and wall mounting, making maintenance and component replacement quick and hassle-free. The display delivers vivid, true-to-life images with excellent gradation for a refined visual experience. With the pixel density of 640,000 pixels per square meter, and a brightness level of 700 cd/m<sup>2</sup>, it is well-suited for a wide range of professional environments—including control rooms, broadcast studios, and high-end corporate venues. Its wide viewing angles of 160° horizontal and 140° vertical further enhance visibility, while lightweight 640×480 mm cabinets (only 6.5 kg each) offer flexible and space-saving installation.

### Technical Specification

S.NO.	Product Parameter	SMD P1.25
1	Pixel Pitch in mm	1.25
2	Pixel Density in sqm	6,40,000
3	Module Size in mm	320X160
4	Cabinet Size in mm	640X480
5	Cabinet Weight in KG	6.5
6	Viewing Angle in H/V	160/140
7	Brightness in cd/sqm	700
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	1,00,000
18	MTBF in hrs	5,000
S.No.	Component Parameter	SMD P1.25
1	LED Chip	Nationstar Copper
2	PCB	4 layer
3	Driver IC	ICN/DP/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](http://www.orion-led.com).



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