



## Features

- Die-Cast Aluminum
- Magnetic Front Service
- Anti-Reflection Mask
- Nationstar LED Chip
- Front/Rear Access
- Wall Mountable Design
- 3 Years Standard Warranty (extendable up to 5 years)

The Orion P2.5 Indoor Rigel Series is crafted for superior indoor performance, delivering high-quality visuals even in brightly lit environments. Its specially designed mask effectively reduces light reflection, making it ideal for areas with strong ambient lighting. Featuring black 3-in-1 SMD LEDs, the display offers wide viewing angles and crisp, high-contrast imagery. Designed with flexibility in mind, it supports both front and rear access, including a magnetic front service option for easy maintenance. Custom cabinet and module sizing allow seamless integration into diverse installation layouts. Built using advanced surface mount technology, the display ensures precise paste application, with defective prints automatically filtered out to maintain high production yield.

### Technical Specification

S.NO.	Product Parameter	SMD P2.5
1	Pixel Pitch in mm	2.5
2	Pixel Density in sqm	160,000
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	850
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 P2.5
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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