



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/m², 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	P1.25
1	LED Type	COB
2	Pixel Pitch(mm)	1.25
3	Pixel Density (pixels/ m ²)	640,000
4	Cabinet Dimension(mm)	600 x 337.5
5	Cabinet Resolution(dot)(WXM)	480x270
6	Module Dimension(mm)	150 x 168.75
7	Module Resolution(dot)(WXM)	120x135
8	Module quantity(WXM)	4x2
9	Cabinet material	Die-casting Aluminum
10	Viewing Angle	H 170° , V 170°
11	Brightness	≥600 m ²
12	Color uniformity	≥90%
13	Contrast Ratio	10000:1
14	Color Temperature	5000-12000 Optional
15	Frame-changing Frequently	50/60
16	Drive Method	1/60

17	Connection Technology	Common Anode
18	Refresh rate	≥3840HZ
19	Max. Power Consumption (w/m ²)	420
20	Avg. Power Consumption (w/m ²)	150
21	Service Access	TOTAL FRONT ACCESS
22	IP Grade	IP31
23	Operating Temp/Humidity	0°C ~ 50°C, 10 ~ 90%RH
24	Storage Temp/Humidity	0°C ~ 60°C, 10 ~ 90%RH
25	Weight/Cabinet(KGS)	≤4.5KGS
26	System Controller	Novastar

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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