



Features

- Die-cast aluminum frame
- Excellent Heat Dissipation
- Moderate Brightness
- Fanless Metal Cooling
- Premium color-coded cables
- 24/7 Reliable Operation
- 5 Years standard warranty (extendable up to 7 years)

The Orion Indoor P2.5 mm Display is engineered for performance and practicality. Its die-cast aluminum frame ensures seamless splicing, while total front access and wall-mount capability simplify maintenance. A specially designed anti-reflection mask and durable plastic back shell protect internal components and enhance visual clarity. With quick-connect flight plugs and secure side locks, installation is fast and hassle-free. The fanless metal cooling system offers silent, efficient heat dissipation. Premium color-coded cables ensure reliable operation, and the display's fine image gradation delivers rich, detailed visuals. Designed for versatility, it's a smart choice for control rooms, LED TV monitoring centers, and high-profile events.

Technical Specification

S.NO.	Product Parameter	SMD P2.5
1	Pixel Pitch in mm	2.5
2	Pixel Density in sqm	1,60,000
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	160/160
7	Brightness in cd/sqm	1000
8	Color Depth	16 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	10,000

S.No.	Component Parameter	SMD P2.5
1	LED Chip	Nation star Gold Bond
2	PCB	4 Layer
3	Driver IC	MBI/ICN
4	Power Supply	Meanwell
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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