



Features

- Ultra-Fine Pixel Pitch
- Excellent Heat Dissipation
- Moderate Brightness
- Wide Viewing Angle
- Smart System Integration
- 24/7 Reliable Operation
- 5 Years standard warranty (extendable up to 7 years)

The Orion Indoor P1.5 mm Display is designed with a precision die-cast aluminum cabinet, allowing for easy and seamless splicing thanks to its unique structure. It supports total front access and wall mounting, making maintenance and component replacement straightforward. A specially engineered mask minimizes light reflection, while a robust plastic back shell safeguards the PCB board from damage. The display features flight plugs and side locks for quick, secure connections and effortless installation. Its metal cooling structure ensures excellent heat dissipation without the need for fans, providing silent operation. High-quality, color-coded cables further enhance reliability. Delivering pure images with refined gradation, the display ensures a delicate and vivid visual experience. Its wide applicability makes it suitable for intelligent LED TV monitoring centers, large-scale summits, and other professional environments requiring flexible and reliable display solutions.

Technical Specification

S.NO.	Product Parameter	SMD P1.5
1	Pixel Pitch in mm	1.5
2	Pixel Density in sqm	4,44,000
3	Module Size in mm	300 x 168.75
4	Cabinet Size in mm	600X337.5
5	Cabinet Weight in KG	6.5
6	Viewing Angle in H/V	160/160
7	Brightness in cd/sqm	800
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 P1.5
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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