



## Features

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

The Orion Indoor P1.25 mm Display features a die-cast aluminum cabinet with a unique design that allows for easy and seamless splicing. It offers total front access and can be wall-mounted, making maintenance and component replacement simple and efficient. A specially designed mask prevents light reflection, while a durable plastic back shell protects the PCB board from damage. The use of flight plugs and side locks enables quick and easy installation and connection. Its metal cooling structure ensures effective heat dissipation without the need for fans, resulting in silent operation. All cables are color-coded and of superior quality for reliability. Delivering pure image quality with excellent gradation, the display produces delicate and vivid visuals. Its wide range of applications makes it ideal for intelligent LED TV monitoring centers, large-scale summits, and other flexible and demanding environments.

### 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	300 x 168.75
4	Cabinet Size in mm	600 x 337.5
5	Cabinet Weight in KG	6.5
6	Viewing Angle in H/V	160/160
7	Brightness in cd/sqm	1,000
8	Color Depth	16 Bit
9	Refresh Rate in Hz	≥7680
10	Voltage	220v
11	Avg. Power Consumption (W)	225
12	Max Power Consumption (W)	500
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 P1.25
1	LED Chip	Nation star Gold Bond
2	PCB	6 Layer
3	Driver IC	MBI/ICN/TI
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](http://www.orion-led.com).

