



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

Product Parameter	P1.56
LED Type	COB
Pixel Pitch(mm)	1.5625
Pixel Density (pixels/ m ²)	409,600
Cabinet Dimension(mm)	600 x 337.5
Cabinet Resolution(dot)(WXM)	384x216
Module Dimension(mm)	150 x 168.75
Module Resolution(dot)(WXM)	96x108
Module quantity(WXM)	4x2
Cabinet material	Die-casting Aluminum
Viewing Angle	H 170° , V 170°
Brightness	≥600 m ²
Color uniformity	≥99.8%
Contrast Ratio	10000:1
Color Temperature	5000-12000 Optional
Frame-changing Frequently	50/60
Drive Method	1/48

Connection Technology	Common Cathode
Refresh rate	≥3840HZ
Max. Power Consumption (w/m ²)	420
Avg. Power Consumption (w/m ²)	150
Service Access	TOTAL FRONT ACCESS
IP Grade	IP31
Operating Temp/Humidity	0°C ~ 50°C, 10 ~ 90%RH
Storage Temp/Humidity	0°C ~ 60°C, 10 ~ 90%RH
Weight/Cabinet(KGS)	≤4.5KGS
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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