



Features

- UHD picture quality
- Close Viewing Distance
- All-in-one system
- Lightweight Design
- High pixel density
- Manual/Auto Brightness
- 2 years standard warranty (extendable up to 3 years)

The Orion P2.5 Outdoor Jumbo Series offers an exceptional visual experience with UHD picture quality, enhanced further by high contrast details even in gray-scale imagery. Designed for flexibility and durability, it features an ultra-thin, ultra-lightweight housing along with an all-in-one built-in module system for streamlined installation. With wireless, multi-device interaction and a smart control system for easy settings access, it enhances user engagement and operational convenience. Supporting full-front serviceability and simple maintenance, this series is ideal for various professional and entertainment settings including conference rooms, lecture halls, showrooms, auditoriums, and home cinemas.

Technical Specification

Product Parameter	Orion P2.5
Pixel Pitch (mm)	2.5
LED Type	SMD
LED Configuration per pixel	1R + 1PG + 1PB
Resolution Density (pixel/m ²)	1,60,000 pixel/m ²
Brightness per/m ²	4,500 NITS
Module Size/Dimension/Pixel (W x H)	320 X 160
Driver IC	ICN/SM/MBI or Equivalent
Power Supply	Rong
Min View Distancing	2.5m
Viewing Angle	H:160°, V:160° @ 50% brightness
Cabinet Size	Customizable
Brightness Adjustment	Manual, 256 level; Auto, 8 levels
Color Processing	16 bit/color
Available Color Palett	281 trillion colors
Operating Temperature	-10°C ~+65°C
Lifetime	>100,000 Hours @50% of initial brightness
Input Volyage	AC110V/220V/380V ±10%
Input Power Frequency	>50/60Hz
Screen Power Consumption	Max: 700w/m ² , Average: 300w/m ²
Refresh Rate	≥3840Hz

Defect Rate	≤0.0001
Data Transfer Method	RJ45
Operating Humidity	10%~95%RH
Weatherproof Grade	IP65
Control Method	Synchronized with computer monitor
Way Of Drive	Constant current driving, 1/5
MTBF	> 10,000 hours
Control Distance	CAT5: 120 m (no repeating); Optical fiber transmission: 500m -
Serviceability	Rear Access
Certificates	CE, ROHS, ISO, BIS

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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