



Features

- UHD picture quality
- Ultra-thin design
- All-in-one system
- Built-in modules
- Multi-device support
- Wireless interaction
- 2 years standard warranty (extendable up to 3 years)

The Orion P4 Outdoor Jumbo Series delivers an exceptional visual experience with vivid, seamless UHD picture quality and outstanding high-contrast details, especially in grayscale imagery. Designed with an ultra-thin and ultra-lightweight housing, it features an all-in-one system with integrated modules for enhanced functionality. The display supports wireless, multi-device interaction, boosting user engagement across various environments. With smart control access, users can easily manage settings, while the full-front service design ensures straightforward maintenance. Ideal for diverse applications such as conference rooms, lecture halls, showrooms, auditoriums, and home cinemas, the Orion P4 offers a complete, versatile display solution.

Technical Specification

Product Parameter	Orion P4
Pixel Pitch (mm)	4
LED Type	SMD
LED Configuration per pixel	1R + 1PG + 1PB
Resolution Density (pixel/m ²)	62,500 pixel/m ²
Brightness per/m ²	5,500 NITS
Module Size/Dimension/Pixel (W x H)	320 x 160
Driver IC	ICN/SM/MBI or Equivalent
Power Supply	Rong
Min View Distancing	4m
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: 350w/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:
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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