



Features

- UHD picture quality
- Ultra-thin design
- All-in-one system
- Full-front service
- High pixel density
- Wireless interaction
- 2 years standard warranty (extendable up to 3 years)

The Orion P6 Outdoor Jumbo Series is designed to deliver an exceptional viewing experience with its ultra-high-definition picture quality and superb contrast, especially in gray-scale imagery. It ensures crisp, vivid visuals even under bright outdoor conditions with a powerful 5,500 NITS brightness output. The ultra-thin and lightweight die-cast housing incorporates an all-in-one system with built-in modules for streamlined design and performance. This series supports full-front service, allowing for easy maintenance, and comes equipped with smart control access and wireless, multi-device interaction for enhanced usability. The P6 Jumbo Series is a versatile solution for diverse applications such as conference rooms, lecture halls, showrooms, auditoriums, and even home cinemas.

Technical Specification

Product Parameter	Orion P6
Pixel Pitch (mm)	6
LED Type	SMD
LED Configuration per pixel	1R + 1G + 1B
Resolution Density (pixel/m ²)	27,776 pixel/m ²
Brightness per/m ²	5,500 NITS
Module Size/Dimension/Pixel (W x H)	192 x 192
Driver IC	ICN/SM/MBI or Equivalent
Power Supply	Rong
Min View Distancing	6m
Viewing Angle	H:140°, V:140° @ 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	≥1920Hz

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 - 10km
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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