



Features

- UHD picture quality
- Ultra-thin design
- All-in-one system
- Versatile applications
- Multi-device support
- Smart control access
- 2 years standard warranty (extendable up to 3 years)

The series supports wireless, multi-device interaction, enhancing user engagement and flexibility. Designed with an ultra-thin, ultra-lightweight housing, this display features an all-in-one system with built-in modules for streamlined integration. A smart control system allows quick access to settings, while full-front serviceability ensures easy maintenance. The Orion P3 Outdoor display delivers a spectacular visual experience with vivid, seamless UHD picture quality and superb high-contrast gray scale details. It is an ideal solution for diverse scenarios including conference rooms, lecture halls, showrooms, auditoriums, and home cinemas.

Technical Specification

Product Parameter	Orion P3
Pixel Pitch (mm)	3
LED Type	SMD
LED Configuration per pixel	1R + 1PG + 1PB
Resolution Density (pixel/m ²)	1,11,000 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	3m
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: 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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