



Features

- IP65 protection
- 2-layer PCB
- Daylight Visibility
- Precision cabinet
- High Yield Rate
- 2 Years Standard Warranty (extendable up to 3 years)

The Orion P4 Outdoor Bellatrix Series is a high-performance LED display solution designed for superior outdoor visibility and durability. The Orion P4 delivers sharp, vibrant visuals with a brightness of 4,500 cd/sqm and a 12-bit color depth. Its advanced surface-mount technology ensures precise paste placement and a high yield rate, while the 1920 Hz refresh rate guarantees smooth image transitions. The display supports IP65-rated protection, ensuring resistance to dust and water. The Orion P4 is ideal for both indoor and outdoor applications like digital signage, arenas, and public installations.

Technical Specification

S.NO.	Product Parameter	SMD P4
1	Pixel Pitch in mm	4
2	Pixel Density in sqm	62500
3	Module Size in mm	320X160
4	Cabinet Size in mm	960 x 960
5	Cabinet Weight in KG	27
6	Viewing Angle in H/V	120/120
7	Brightness in cd/sqm	4,500
8	Color Depth	12 bit
9	Refresh Rate in Hz	≥1920
10	Voltage	220v
11	Avg. Power Consumption (W)	400
12	Max Power Consumption (W)	700
13	Service Excess	Rear
14	IP Grade Front/Rear	65/54
15	Operating Temperature (-/+)	-10°C~+65°C
16	Operating Humidity	0-99%
17	Life Time in hrs	50,000
18	MTBF in hrs	5,000

S.No.	Component Parameter	SMD P4
1	LED Chip	Atenti SMD
2	PCB	2 layer
3	Driver IC	ICN/SM/DP
4	Power Supply	Rong
5	Controller	Nova
6	Cabinet Material	Die- Cast

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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