



## 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 5,000 cd/sqm and a 14-bit color depth. Its advanced surface-mount technology ensures precise paste placement and a high yield rate, while the 3840 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 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	140/140
7	Brightness in cd/sqm	5,000
8	Color Depth	14 bit
9	Refresh Rate in Hz	≥3840
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](http://www.orion-led.com).



ATENTI ORIGINS PHOTOELECTRICITY CONSORT PVT.LTD.

Reg. Office: 504, 5<sup>th</sup> Floor ABW Elegance Tower, Jasola District Centre, Jasola, New Delhi - 110025

Branch Offices: Lucknow, Mumbai, Hyderabad

Factory : B-10, Sector-88, Noida - 201301

