ORION
LED
Manufactured by
ATENTI | ORIGINS

BETELGEUSE SERIES
Outdoor P4 mm

Features

- IP65 Rating
- Outdoor-Ready Durability
- Dual-Use Flexibility
- Micro-Tolerance Locking System
- 24-Hour PCB Heat Treatment
- Next-Gen Assembly Technology
- 5 Years Standard Warranty (extendable up to 7 years)

The Orion Outdoor P4 mm Display offers IP65-rated protection with high brightness and contrast, perfect for vivid visuals in outdoor settings. Its sleek die-cast aluminum cabinet features a precision adjustable lock system for seamless alignment. A unique louver design boosts daylight contrast without compromising viewing angles. Advanced surface mount technology and standardized manufacturing ensure high yield and consistent quality. With premium PCBA materials and 24-hour heat-treated PCBs, it delivers durability and long-term performance.

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	160/160
7	Brightness in cd/sqm	6,000
8	Color Depth	16 Bit
9	Refresh Rate in Hz	≥3840
10	Voltage	220v
11	Avg. Power Consumption (W)	300
12	Max Power Consumption (W)	700
13	Service Excess	Rear
14	IP Grade Front/Rear	65/54
15	Operating Temperature (-/+)	−10℃~+65℃
16	Operating Humidity	0-99%
17	Life Time in hrs	1,00,000
18	MTBF in hrs	10,000

S.No.	Component Parameter	SMD P4
1	LED Chip	Nation star Gold Bond
2	PCB	4 Layer
3	Driver IC	MBI/ICN
4	Power Supply	Meanwell
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.