



Features

- UHD picture quality
- Light Weight
- Ultra-Thin Display
- Soft Rubber Module
- Magnetic Flexible Module
- 2 years standard warranty (extendable up to 3 years)

The Orion P1.86mm Flexible Series LED display is a highly adaptable and innovative solution designed for creative and unconventional visual setups. Its strong magnetic flexible modules allow for front-service installation, making it ideal for complex and special-shaped structures where maintenance accessibility is crucial. Built with high-quality silicone materials for both the PCB base and tray—along with copper pillar welding and precise screw placements—the series ensures superior screen flatness and optimal visual performance.

Technical Specification

| Model No. | P1.86 |
|--------------------------|------------------------------|
| LED Type | Black SMD1515 |
| Pixel Pitch(mm) | P1.86 |
| Drive Method | 1/43 |
| Module Size(mm) | 320 x 160mm |
| Module Resolution(pixel) | 172 x 86 |
| Pixel Density | 288,906pixels/m ² |
| Viewing Angle | H 140°, V 140° |
| Brightness | 300-800cd/m ² |
| Refresh Rate(Hz) | ≥3840 |
| Frame Rate(Hz) | ≥50-60 |
| Voltage(V) | AC 110/220V |
| Avg. Power Consumption | 200W/m ² |
| Max. Power Consumption | 600W/m ² |
| Service Access | Total Front Access |

| | |
|---------------------------|--------------------------|
| IP Grade | IP31 |
| Operating Temp/Humidity | 0 °C ~50 °C ,10~90%RH |
| Storage Temp/Humidity | 0 °C ~60°C,10~90%RH |
| Lifetime(Normal Temp) | ≥100,000H@50% brightness |
| Cabinet Frame Size(mm) | Customized Cabinet |
| Cabinet Type and Material | Sheet metal |
| Screen resolution | Customized |
| Cabinet Weight (Kg) | 32 KG Per sqm |

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.

ATENTI | ORIGINS

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