



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)	320X160mm
Module Resolution(pixel)	172×86
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 Consumotion	600W/m ²
Service Access	Total Front Access

FLEXIBLE SERIES

Indoor P1.86 mm

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.

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