

SPACECRAFT SYSTEMS

High-Dynamic Nano Star Sensor

The nano star sensor determines satellite attitude by capturing and identifying stellar images.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Dimensions (mm)	50 × 50 × 89.4
Weight (g)	260
Mounting Material	2A12 T4
Operating Temperature (°C)	−30 to +50
Storage Temperature (°C)	−35 to +60
Communication Interface	RS-422 / CAN

Quick Overview

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Key Features

- Precision manufacturing with rapid batch production capability.
- Miniaturized modular design with excellent thermal and structural integration.
- Lightweight, compact, and low power consumption.
- Advanced and stable technical performance indicators.

Applications

- Used for attitude determination and high-dynamic tracking in nanosatellite and microsatellite platforms.

Documentation & Resources

- [Technical Specifications](#)
- [Applications](#)