

## What is MEMS gyroscope sensor ?

**MEMS gyro sensor** or strictly speaking MEMS angular rate sensors, are used whenever rate of turn ( $^{\circ}/s$ ) sensing is required without a fixed point of reference. This separates gyros from any other means of measuring rotation, such as a tachometer or potentiometer.

SkyMEMS high performance MEMS gyro sensors which provides accurate heading direction, it is a miniature factory-calibrated module to provide consistent performance through the extreme operating environments.

SkyMEMS offers a highly-effective solution for cost-sensitive demanding applications. It adopts advanced MEMS components, which reduces the cost deeply. The system enjoys small size and light weight, it is widely applied in Robotics Control, Platform Stabilization, Antenna Stabilization, etc.

We will continue to provide the best solution through development of the compact, low-voltage and high-performance MEMS gyro to our customers in the future.

### Applications of MEMS gyro sensor

SkyMEMS has different types of MEMS gyro sensor, which has been widely used in the following fields:

- Robotics
- AGV
- Platform Stabilization
- Antenna Pointing