UAVSale

SNC200A-E MEMS Inertial Navigation System

MD-P00335 · md-snc200a-e-mems-inertial-navigation-system

SNC200A-E inertial navigation system has built-in high-performance MEMS gyroscope and accelerometer, which can receive external GNSS data, realize multi-sensor fusion and integrated navigation solution algorithm, and has short-term inertial navigation capability when GNSS is invalid.

TECHNICAL SPECIFICATIONS

Project	Indicator（RMS）
Heading accuracy	DualGNSS / 0.1
Attitude accuracy	GNSS valid / 0.1
Horizontal positioning accuracy	GNSS valid / 1.2m
Horizontal velocity accuracy	GNSS valid / 0.1m/s
gyroscope	Measuring range / 450 /s
Accelerometer	Measuring range / 16g
communication interface	UART / 2 way
Electrical characteristics	Voltage / 3~3.6VDC
Structural characteristics	size / 47 mm 44 mm 14mm
Use environment	Working temperature / -40℃~+70℃
reliability	MTBF / 20000h

CERTIFICATION

Certification status is confirmed per order and is not published in the catalogue listing. Request the current declaration, test reports or conformity certificates from our sourcing team.

ORDERING INFORMATION

Model	SNC200A-E MEMS Inertial Navigation System
Part number	MD-P00335
Lead time	30 days
Minimum order	1 unit
Supply	made_to_order

Generated from the UAVSale product catalogue. Figures are manufacturer-supplied and subject to configuration. For the current revision and full documentation set, contact our sourcing team.