UAVSale

SNC300A-DGI Optical Fiber Integrated Navigation System

MD-P00336 · md-snc300a-dgi-optical-fiber-integrated-navigation-system

SNC300A-DGI is based on cost-effective closed-loop fiber optic gyroscope, accelerometer and high-end GNSS receiving board. It is realized through multi-sensor fusion and navigation solution algorithm to meet the requirements for accurate measurement of attitude, heading and position in application f

TECHNICAL SPECIFICATIONS

Parameter	Technical index
Positional accuracy	Single-point（RMS） / 1.2m
Course （RMS）	Single antenna / 0.05 ③
Posture （RMS）	Single antenna / 0.02
Horizontal velocity accuracy （RMS）	0.05m/s
Timing accuracy	20ns
Select Data Output Frequency	200Hz
Gyroscope	Range / 400 /s
Accelerometer	Range / 16g
Physical dimensions and electrical characteristics	Boundary dimension / 139 mm 136.5 mm 101mm
Environmental index	Working Temperature / -40°C~+60°C
Characteristics of interfaces	PPS、EVENT、RS232、RS422、CAN（选配）

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	SNC300A-DGI Optical Fiber Integrated Navigation System
Part number	MD-P00336
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.