UAVSale

SNC300D-DGI Optical Fiber Integrated Navigation System

MD-P00338 · md-snc300d-dgi-optical-fiber-integrated-navigation-system

SNC300D-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 indicators
Position accuracy	Single point (RMS) / 1.2m
Heading (RMS)	Combined accuracy / 0.1 ②
Attitude (RMS)	Combined accuracy / 0.01
Horizontal velocity accuracy (RMS)	0.05m/s
Timing accuracy	20ns
Data output frequency	200Hz ④
Gyroscope	Range / 300 /s
Accelerometer	Range / 16g
Physical dimensions and electrical characteristics	Overall dimension / 176.8mm 188.8mm 117mm
Environmental indicators	Working temperature / -40 ℃~+60 ℃
Interface characteristics	PPS, EVENT, RS232, RS422, CAN (optional)

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	SNC300D-DGI Optical Fiber Integrated Navigation System
Part number	MD-P00338
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.