UAVSale

Anti-jamming Satellite Navigation System Receiver

MD-P00511 · md-anti-jamming-satellite-navigation-system-receiver

BDS/GPS/GLONASS airborne anti-jamming device can simultaneously receive satellite signals of BDS B3, GPS L1 and GLONASS L1 frequency points. The self-adaptive filtering technology points the null direction of the array combining pattern to the direction of the interference, and the beamforming techn

TECHNICAL SPECIFICATIONS

Signal input and output	Signal input frequency / BDSB3, GPS L1 and GLONASS L1
Signal input strength	-133dBm to -110dBm
Signal output frequency	BDSB3, GPS L1 and GLONASS L1
Signal output strength	-90dBm to -60dBm adjustable
Anti-interference performance	Anti-interference type / Continuous wave, frequency sweep, pulse, narrowband, broadband and other suppression interference
Anti-interference quantity	3
Anti-interference ability	Broadband single interference: 80dB
Electrical Characteristics	Supply voltage / 28VDC
Average power consumption	30W
Peak power consumption	35W
Physical properties	Antenna size / Customizable
Antenna weight	2kg (varies according to customization)
Processor size	300mm 165mm 110mm (can be customized)
Processor weight	5kg (varies according to customization)
Environmental characteristics	Operating temperature / -55 ℃~+70 ℃
Storage temperature	-50 ℃~+70 ℃
Humidity	95% non-condensing
Multi-frequency anti-jamming	can realize anti-jamming processing of BDS B3, GPS L1 and GLONASS L1 at the same time
Integrated design	The anti-jamming processor can be integrated according to the reserved space of the carrier
Online phase correction	support online phase correction
Star collection performance	Use multi-azimuth beamforming technology to maximize the star collection performance in non-interference directions

Anti-vibration shock	strong ability to withstand shock and vibration, stable and reliable performance
Military-grade quality	strong environmental adaptability, meeting the requirements of military-grade equipment
Broadband single interference	80dB
Broadband three interference	70dB

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	Anti-jamming Satellite Navigation System Receiver
Part number	MD-P00511
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.