



DroneCAN H-RTK F9P Rover

Our Product Introduction

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Basic Information

- Brand Name: GS
- Minimum Order Quantity: 1
- Price: negotiable
- Delivery Time: 6~8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Intended Application: Rover (aircraft) Only
- GNSS Receiver: U-blox ZED-F9P High Precision GNSS Module
- Antenna: Ceramic Patch Antenna With 20dB LNA
- Processor: STM32G473
- Magnetometer: BMM150 Or IST8310
- Positioning Accuracy: 3D FIX: 1.5 M / RTK: 0.01 M
- Communication Protocol: DroneCAN 1Mbit/s
- Antennas Peak Gain (MAX): L1: 4.0dBi L2:1.0 DBi
- Time-TO-First Fix: Cold Start: ≤29s Hot Start: ≤1s
- Navigation Update Rate: RAW: 20Hz Max RTK: 8Hz Max
- Cable Length: 27cm Or 50cm
- Antenna Connection Type: N/A
- Working Voltage: 4.75V~5.25V
- Current Consumption: 250mA



More Images



Product Description

DroneCAN H-RTK F9P Rover

The DroneCAN H-RTK F9P Rover is a high-precision GNSS (Global Navigation Satellite System) receiver designed for use in UAVs (unmanned aerial vehicles), robotics, and other applications requiring accurate positioning data. It is based on the u-blox ZED-F9P module, which supports multi-band GNSS signals, providing centimeter-level positioning accuracy.

Multi-Band GNSS Support: Capable of receiving signals from multiple GNSS constellations, including GPS, GLONASS, Galileo, and BeiDou.

DroneCAN Protocol: Uses the DroneCAN (formerly known as UAVCAN) protocol for robust and reliable communication with other UAV components.

Real-Time Data: Provides real-time position, velocity, and time data.

Flexible Integration: Can be easily integrated into various UAV and robotic systems.





The DroneCAN-F9P uses a u-blox ZED-F9P module, a BMM150 compass, and a tri-colored LED indicator, and is equipped with the STM32G4 processor running at 170 MHz with 512 KByte Flash and 96KByte RAM. It supports DroneCAN firmware upgrade via the DroneCAN GUI Tool. It is compatible with the open source Pixhawk series flight controller.

Company image





Our Services

1. We provide 1 Year Warranty. Buy with confidence.
2. If you are not satisfied when you receive your item, please return it within 14 days for a replacement or money back. Please contact me before you return it.
3. If item is defective in 3 months, We will send you a replacement without extra charger, or offer refund after we receive the defective item.
4. If item is defective after 3 months, you can still send it back to us. We will send you a new one after receiving the defective item. But you have to pay the extra shipping fee.



FAQ

Q1: Do you support OEM/ODM?

A1: Yes. We can print your logo on the product.

Q2: About samples.

A2: Under normal circumstances, samples will be ready within 7 days, and 10-20 days for OEM/ODM orders. Sample fee and shipping will be charged.

Q3: What is the delivery time?

A3: For regular orders, we can ship within 15 days, for OEM/ODM, we can ship within 25-45 days (depending on the quantity). In the event of delays, we will notify you in advance of the status and resolution.

Q4: What is the minimum order quantity?

A4: There is no MOQ for wholesale (1 piece accepted), including OEM/ODM.

Q5: What are your payment terms?

A5: L/C.TT100%.

Q6: Can you reduce the shipping cost?

A6: When calculating the shipping cost for you, we always choose the cheapest and safest express. Although we have partnerships with shipping companies, we can't keep costs down because it's not us who get paid. If you think it's expensive for you. You can always make your own choice.

Q7: Return policy.

A7: If you want to replace the received item, you must contact us within 7 days after receiving the item. Returned items should be in their original condition and you should pay for additional shipping.



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