



H-RTK Unicore UM982 Dual Antenna Heading Drone Flight Controller 4.75V~5.25V

Our Product Introduction

for more products please visit us on uav-vtoldrone.com

Basic Information

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



Product Specification

- Product: UM982
- Compass: IST8310
- GNSS: BDS B1I/B2I/B3I GPS L1C/A/L2P (Y)/L2C/L5
GLONASS L1/L2 Galileo E1/E5a/E5b QZSS
L1/L2/L5
- Product UM982 Application 2dBi
Rover Moving Baseline
Rover Base Station
(Recommend Using H-RTK
F9P-Base A:
- LNA Gain (typical): $33\pm 2\text{dB}$
- Time-TO-First Fix: Cold Start: $\leq 30\text{s}$ Hot Start: $\leq 5\text{s}$
- RTK-SurveyIn-Time: $\leq 5\text{ Minute @}2.0\text{mCEP}$
- Data And Update Rate: 20 Hz Positioning & Heading 20 Hz Raw
Data Observation
- Port: Port 1: GH1.25 10-pin Port 2: USB Type-c
Port 3: UART 2 (GH1.25 6pin)
- Cable Length: GH 10P: 150mm GH 10P: 400mm GH 10P



More Images



Product Description

H-RTK Unicore UM982 (Dual Antenna Heading) Flight Controller

The Holybro UM982 Dual Antenna RTK GPS provides high-precision positioning information and is capable of generating non-magnetometer moving baseline yaw determinations for autopilots with one single GPS module.

One of the best applications of this GPS is to provide compass-less YAW information to the autopilot (commonly called GPS Heading or Moving Baseline Yaw). Using this GPS as a yaw source prevents magnetic interference from the vehicle motors and electrical systems and any environmental interference sources, such as metallic structures or equipment, that can cause incorrect yaw reports to the autopilot.



Dual Antenna GNSS:

Utilizes dual antennas to deliver precise heading information.

Enhances orientation accuracy, essential for applications requiring accurate directional data.

High-Precision GNSS Receiver:

Based on the Unicore UM982 GNSS module.

Supports multiple satellite constellations: GPS, GLONASS, Galileo, BeiDou, and QZSS.

Achieves centimeter-level positioning accuracy with RTK (Real-Time Kinematic) corrections.

RTK Positioning:

Capable of both receiving and transmitting RTK correction data.

Functions as a rover (receiver) and can be configured as a base (transmitter) in RTK setups.

Dual-frequency support (L1/L2) mitigates multipath errors and improves positioning accuracy.

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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