



Integrated Micro M9N GPS Flight Controller Low Power Consumption

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

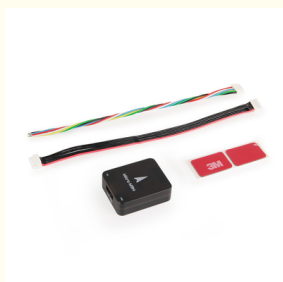


Product Specification

- Highlight: Micro M9N GPS Flight Controller, GPS Flight Controller Low Power Consumption, Low Power Consumption drone flight controller



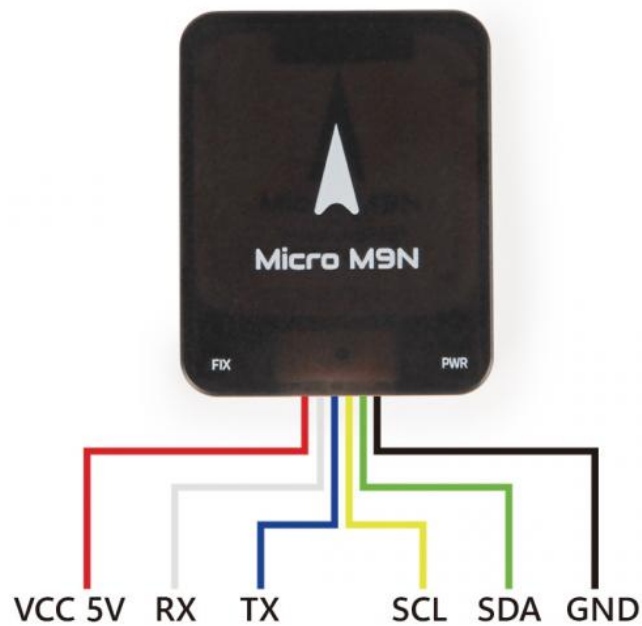
More Images

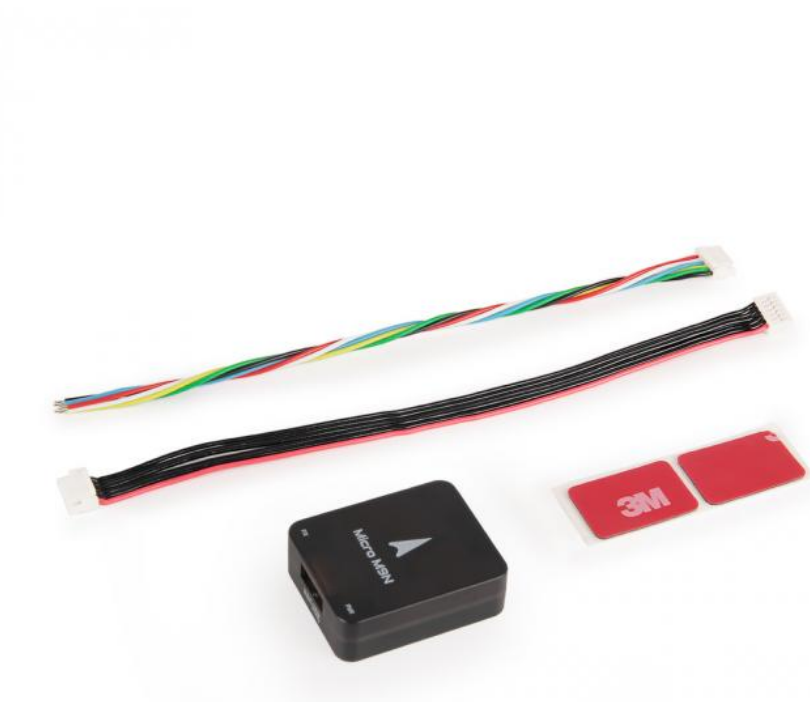


Product Description

Micro M9N GPS Flight Controller

The Micro M9N GPS module is a compact, high-performance GPS receiver that utilizes the u-blox M9 GNSS chipset. It is designed for applications that require precise positioning and navigation capabilities in a small form factor. The high-gain 25 x 25 mm² patch antenna provides excellent performance and the omnidirectional antenna radiation pattern increases flexibility for device installation. It features active circuitry for the ceramic patch antenna, rechargeable backup battery for warm starts





Low Power Consumption:

Designed with power efficiency in mind, making it suitable for battery-powered devices where long operational times are essential.

Compact Size:

The "Micro" designation indicates a smaller footprint, making it ideal for applications where space is at a premium, such as small drones or compact robotic systems.

Integrated Antenna Options:

Some variants come with integrated patch antennas, simplifying design and installation. However, external antennas can be used to improve performance in specific scenarios.

Robust Performance:

The module is designed to offer reliable performance under a variety of environmental conditions, including resistance to moisture and dust.

	Holybro Micro M10 GPS	Holybro Micro M9N GPS
GNSS Receiver	Ublox M10	Ublox M9N
Number of Concurrent GNSS	Up to 4 GNSS - BeiDou - Galileo - GLONASS - GPS - QZSS	Up to 4 GNSS - BeiDou - Galileo - GLONASS - GPS - QZSS
Frequency Band	- GPS L1 - Galileo E1 - GLONASS L1 - BeiDou B1 - SBAS L1 - QZSS L1	- GPS L1 - Galileo E1 - GLONASS L1 - BeiDou B1 - SBAS L1 - QZSS L1
Compass	IST8310	IST8310
Output Protocol	- UBX (U-blox) - NMEA	- UBX (U-blox) - NMEA
Accuracy	2.0m CEP	1.5m CEP
Nav. Update Rate	Up to 25 Hz (single GNSS), Up to 10 Hz (4 concurrent GNSS)	Up to 25 Hz (4 concurrent GNSS)
GNSS Augmentation System	EGNOS, GAGAN, MSAS and WAAS QZSS: L1S	EGNOS, GAGAN, MSAS and WAAS QZSS: L1S
Default Baud Rate	115200	115200
Input Voltage	4.7-5.2V	4.7-5.2V
Port Type	JST-GH-6P	JST-GH-6P
Antenna	25 x 25 x 4 mm ceramic patch antenna	25 x 25 x 4 mm ceramic patch antenna
Power consumption	Less than 200mA @ 5V	Less than 200mA @ 5V
Operating Temperature	-40~80°C	-40~80°C
Dimension	- 32 x 26 x 9mm (w/o Case) - 34 x 28 x 11mm (With Case)	- 32 x 26 x 9mm (w/o Case) - 34 x 28 x 11mm (With Case)
Weight	- 14g (w/o Case) - 16g (With Case)	- 14g (w/o Case) - 16g (With Case)
Other	- LNA MAX2659ELT+ RF Amplifier - Rechargeable Farah capacitance - Low noise 3.3V regulator	- LNA MAX2659ELT+ RF Amplifier - Rechargeable Farah capacitance - Low noise 3.3V regulator

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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