



## Reliable M9N GPS Flight Controller GNSS Support Robust Performance

### Our Product Introduction

#### 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: **M9N GPS Flight Controller,  
GPS Flight Controller GNSS Support,  
Robust Performance Flight Controller**



#### More Images

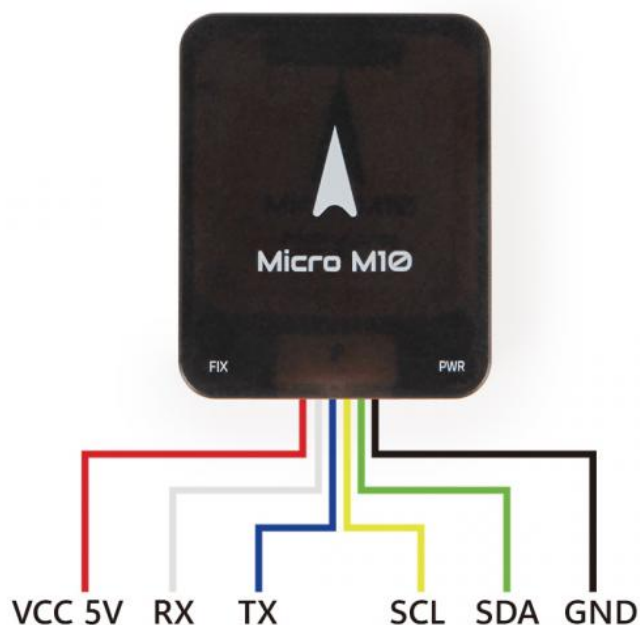


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## Product Description

### M9N GPS Flight Controller

The u-blox M9N GPS module is a versatile and reliable solution for applications demanding high-precision positioning and navigation capabilities across multiple satellite constellations. Its compact size, low power consumption, and compatibility with standard communication interfaces make it a popular choice among developers and engineers in the field of autonomous systems and navigation technology.



**GNSS Support:** The M9N GPS module supports multiple global navigation satellite systems (GNSS), including GPS (USA), GLONASS (Russia), Galileo (Europe), BeiDou (China), and QZSS (Japan). This multi-constellation support enhances positioning accuracy, reliability, and availability in various environments.

**High Accuracy:** It provides precise positioning with centimeter-level accuracy when used with Real-Time Kinematic (RTK) correction services or differential GNSS (DGNSS) techniques. This level of accuracy is essential for applications requiring precise navigation and positioning data.

	Holybro M10 GPS	Holybro M9N GPS
GNSS Receiver	Ublox M10	Ublox M9N
Number of Concurrent GNSS	Up to 4 GNSS	Up to 4 GNSS
	BeiDou	BeiDou
	Galileo	Galileo
	GLONASS	GLONASS
	GPS	GPS
	QZSS	QZSS
Frequency Band	GPS L1	GPS L1
	Galileo E1	Galileo E1
	GLONASS L1	GLONASS L1
	BeiDou B1	BeiDou B1
	SBAS L1	SBAS L1
	QZSS L1	QZSS L1
Compass	IST8310	IST8310
Output Protocol	UBX (U-blox)	UBX (U-blox)
	NMEA	NMEA
Accuracy	2.0m CEP	1.5m CEP
Nav. Update Rate	Up to 25 Hz (single GNSS),	Up to 25 Hz (4 concurrent GNSS)
	Up to 10 Hz (4 concurrent GNSS)	
GNSS Augmentation System	EGNOS, GAGAN, MSAS and WAAS	EGNOS, GAGAN, MSAS and WAAS
	QZSS: L1S	QZSS: L1S
Default Baud Rate	115200	115200
Input Voltage	4.7-5.2V	4.7-5.2V
Port Type	JST-GH-10P	JST-GH-10P
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	-40~80C	-40~80C
Dimension	φ50 x14.4 mm	φ50 x14.4 mm
Weight	32g	32g
Cable Length	26cm (42cm cable purchase separately)	26cm (42cm cable purchase separately)
Other	Tri-color LED	Tri-color LED
	Onboard Buzzer	Onboard Buzzer
	Safety Switch	Safety Switch
	LNA MAX2659ELT+ RF Amplifier	LNA MAX2659ELT+ RF Amplifier
	Rechargeable Farah capacitance	Rechargeable Farah capacitance
	Low noise 3.3V regulator	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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