

Firmware Support for M10 GPS:

PX4 1.14, ArduPilot 4.3, or newer is required.

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	M10 GPS	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 concerrent 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-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	-40~80C	-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)