

NDA TRIUMPH M9

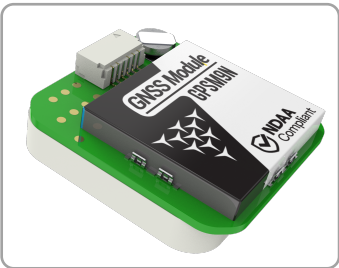
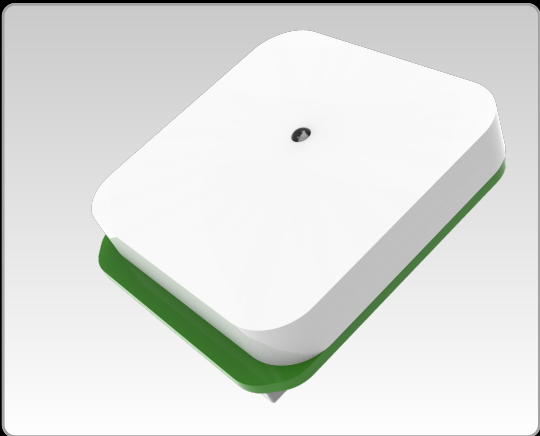
GPS Module U-Blox Triumph M9



One Word: Power

Every FPV pilot knows the sinking feeling of a locked-up rescue screen or a dropped GPS link mid-dive. The new Triumph M9 changes the game. While the M10 has its limits, the Triumph M9 blows past them, packing massive processing with an access to a wider satellite network. It locks onto a large web of satellite systems, delivering a bulletproof, rock-solid connection that refuses to glitch out—even in deep mountain gaps or dense urban canyons.

Better yet, we cranked the engine to a blistering 25Hz update frequency. That means you get more power to sync too. Delivering insane precision for rescue modes and telemetry tracking. Don't settle for sluggish, dropped locks. Lock in faster, fly deeper, and trust your telemetry.



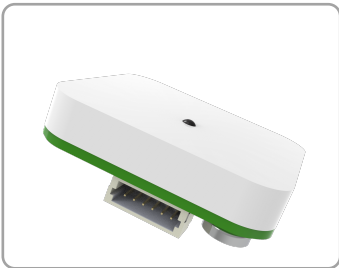
Ultra Fast Lock

Blazing-fast signal acquisition: lock onto your position instantly and dominate the sky the moment you arm your motors.



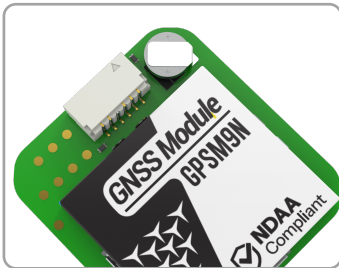
Full Power

M9 GPS use a much higher update frequency than others reducing latency response to satellite signal and more power with a blazing 25 Hz maximum.



High Capacity Antenna

Massive high-gain antenna ensures relentless signal strength, punching through interference to keep you locked on, no matter how hard you push.



Access More Satellites

Access to more GPS system allowing to connect offering a wider range of satellite to connect to for a better signal stability.

Specification

Electrical Characteristic

Chip	u-blox NEO-M9N
Receiver type	GPS L1 C/A - GLONASS L1OF BeiDou B1I - Galileo E1B/C QZSS - SBAS
Assisted systems	SBAS, QZSS, multi-GNSS for improved availability

Accuracy

Horizontal accuracy	1.5m CEP
Speed accuracy	0.05m/s
1PPS time accurac	sub-100 ns level

Sensitivity

Track	-167 dBm
Recapture	-160dBm
Cold start	-148 dBm
Hot start	-159dBm

Start Time

Cold start	43 - 31 s
Aided start	2-5 s
Hot start	2-5 s



SPECIFICATIONS

Data Output

Baud rate (bps)	4800–921600 bps supported
Output level	UART: 3.3 V logic
Output protocol	NMEA 0183, UBX, RTCM
Update frequency	GNSS update rate up to 25 Hz

Dimentions

Size	27 × 25 × 9 mm
Weight	7g
Operating temp	–40 °C to +85 °C

MCU

MCU	u-blox NEO-M9N
Supply voltage	5.0 -12VDC input

Compass

LIS3MDLTR/LIS2MDLTR via I ² C
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