



BOTNAVIGATOR

GPS

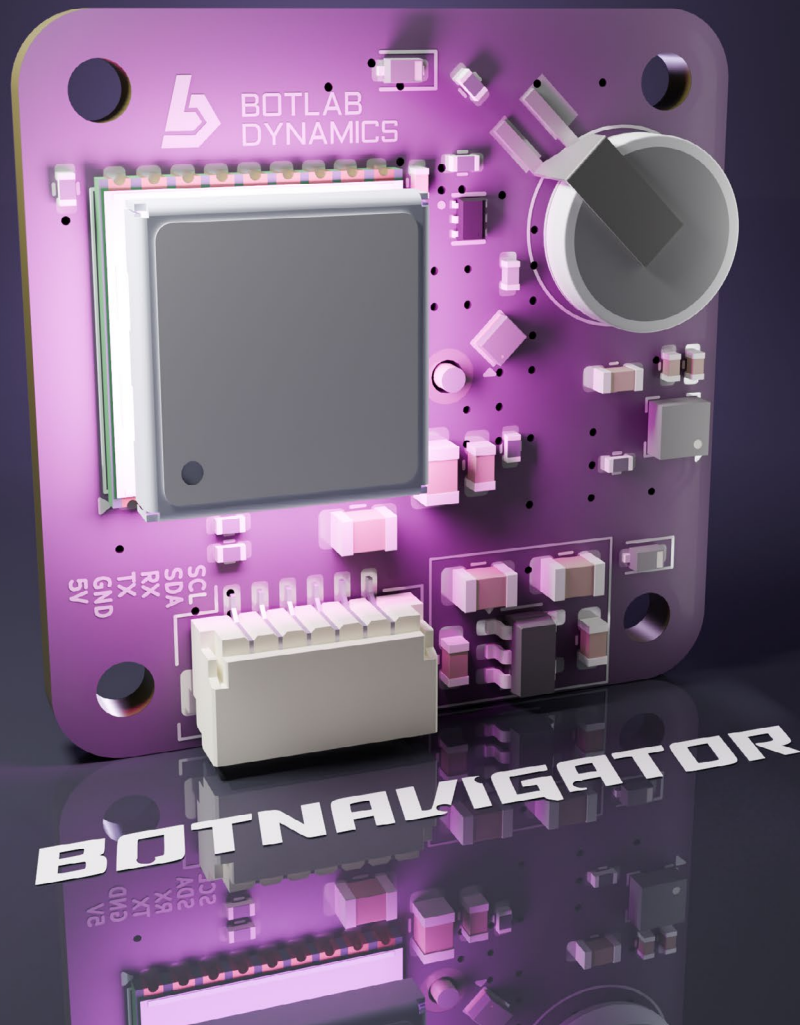
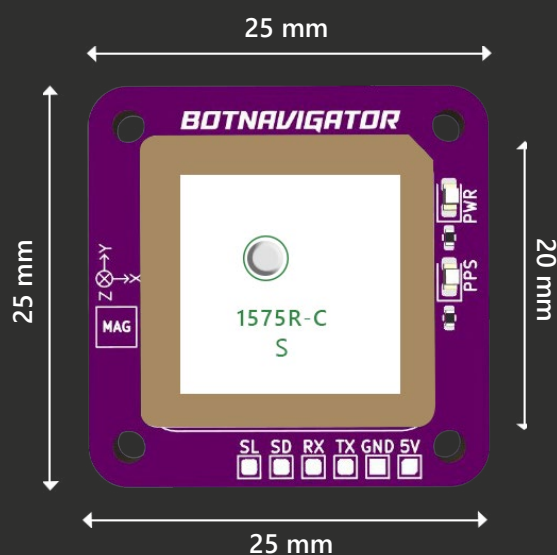
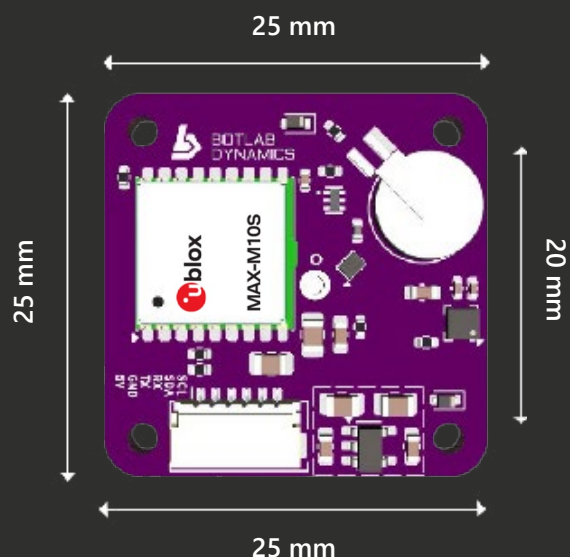


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FRONT



BACK

About BotNavigator

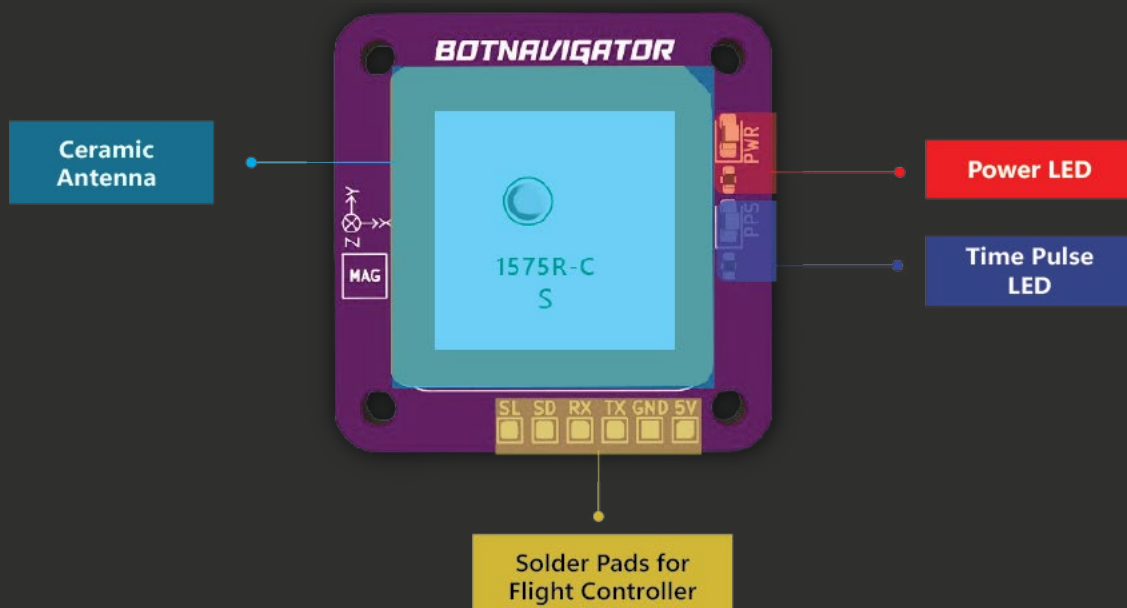
Built around the ubiquitous u-blox M10 GPS chip, BotNavigator V1 allows you to use seven different receiving frequencies, such as GPS L1, GLONASS L1, BDS B1, Galileo E1, SBAS Enabled and QZSS L1. It gets worldwide coverage and quick and stable satellite acquisition in every environment.

Equipped with an LIS3 MDLTR compass for highly accurate heading and a high-sensitivity ceramic antenna, Bot Navigator GPS V1 guarantees a strong signal and reliable service. It is also equipped with UART (u-blox protocol) and I2C for Compass. Easy and flexible connection with the flight controllers.

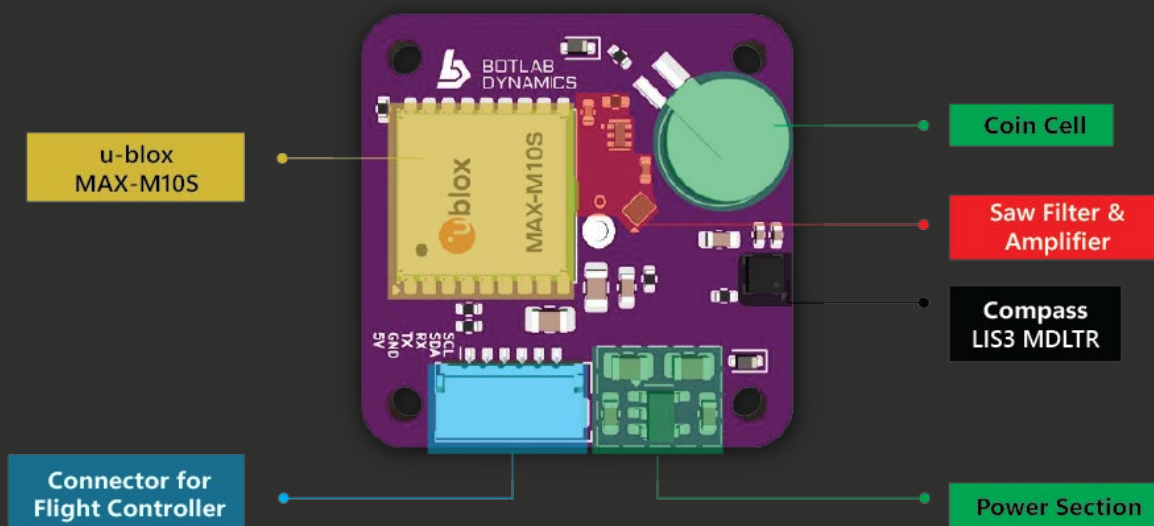
The product is only 25×25 mm in size and can accept power from 3.3 V to 5 V. Despite being lightweight, it is still designed to perform well. The baud rate is 115200 bps, so the Bot Navigator GPS allows drone pilots to accomplish the tasks of precision flights, autonomous missions, and professional mapping without any difficulties.

Way point missions, Autonomous flying, Surveillance or discovering the sky that no one has explored before, in all these cases you can depend on Bot Navigator GPS as your accurate, stable, and resourceful co-pilot.

LAYOUT



FRONT

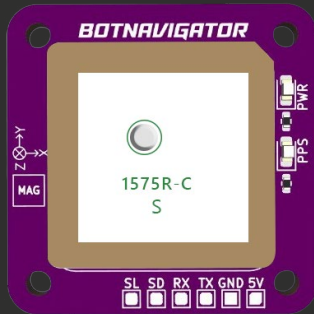


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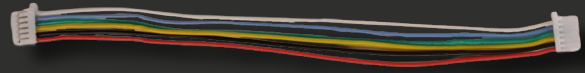
Specification

Dimensions	25mm x 25mm
Item Type	GPS Module
Chipset	u-blox M10
Input voltage	3.3V-5V
Output protocol	UART (ublox), I2C
Receiving Frequency	GPS L1, GLONASS L1, BDS B1, GALILEO E1, SBAS (enabled), QZSS L1
Baud rate	115200 bps
Compass	LIS3 MDLTR
Antenna	Ceramic antenna
Weight	8gms

Package Include



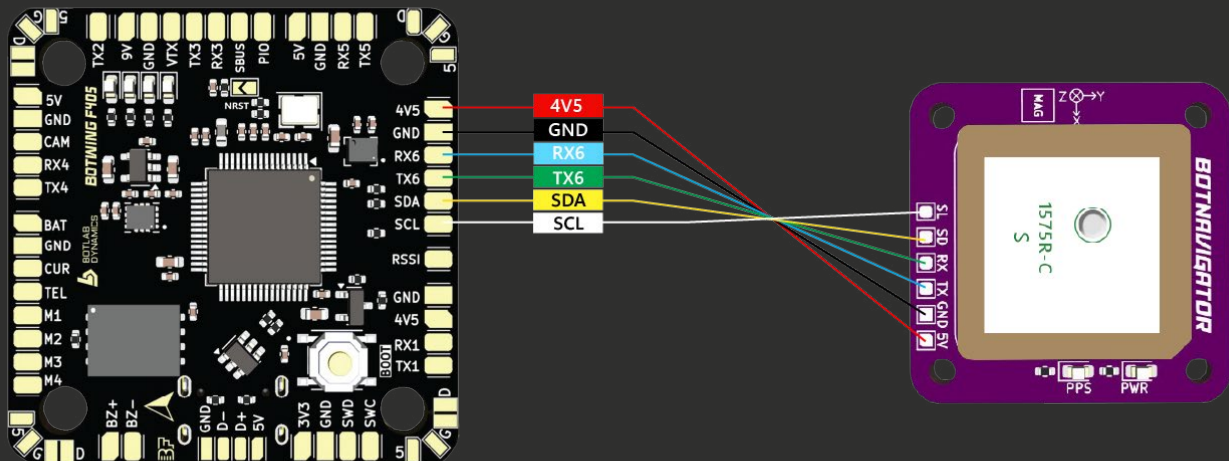
GPS



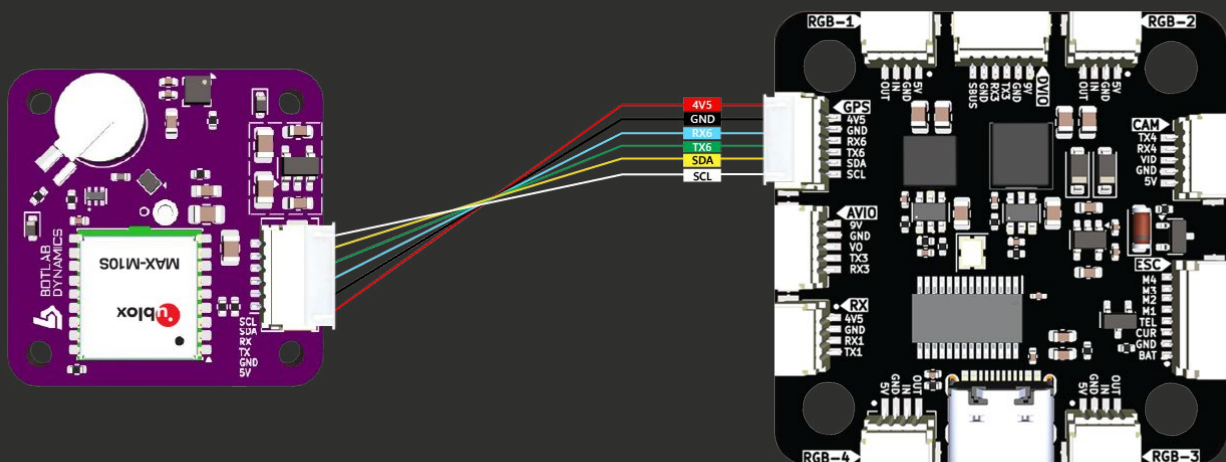
60mm & 80mm length
(6-pin cable)

Connections

Method 1 - Soldering



Method 2 - Connectors



Let's Connect

Please visit the botlabdynamics.store for manuals and support.