Link do produktu: https://www.nobshop.pl/newbeedrone-m10q-micro-gps-modul-z-kompasem-p-4121.html

NewBeeDrone M10Q Micro GPS moduł z kompasem

Cena brutto	**99,99 zł**
Cena netto	**81,29 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Kod producenta	**NBD1544**
Producent	**NewBeeDrone**

Opis produktu

NewBeeDrone M10Q Micro GPS moduł z kompasem

Introducing the NewBeeDrone Tiny GPS Module, the perfect solution for applications where size and weight are critical. With a compact size of just 17MMx12MMx5MM and a weight of only 2.16g, this GPS module is incredibly small and lightweight.Tiny GPS Module is the perfect choice for any project where space and weight are at a premium.
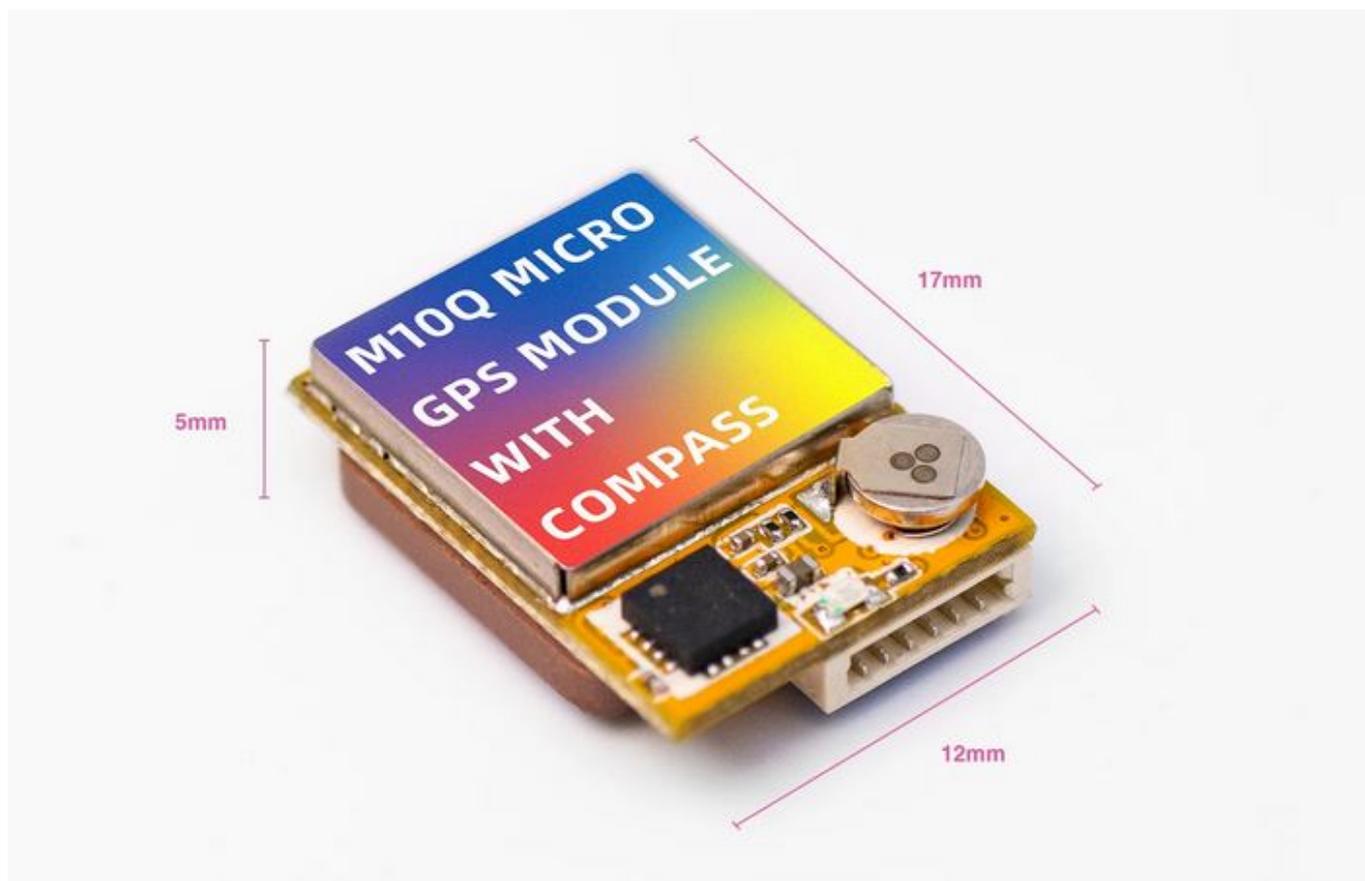
Including：

1* NewBeeDrone Tiny GPS Module

1* JST 0.8 6pin cable

NEWBEEDRONE TINY GPS MODULE M10

SMALL IN SIZE. BIG ON RELIABILITY.

NEWBEEDRONE GPS MANUAL

ANTENNA: CERAMIC ANTENNA 2DB

FREQUENCY: GPS L1, GLONASSL1, BDS B1, GALILEOE1, SBAS L1, QZSS L1

COMPASS: QMC5883

BAUD RATE: 115200DPS

OUTPUT FREQUENCY: 1HZ-10HZ, DEFAULT 10HZ

POWER SUPPLY: 5V

SPEED ACCURACY: 005M/S

WEIGHT: ~2.61G

1.CONNECT TINY GPS MODULE WITH ANY UART FROM THE FLIGHT CONTROLLER. CHOOSE "GPS" UNDER SENSOR INPUT. CLICK "SAVE AND REBOOT."

Identifier	Configuration/MSP	Serial Rx	Telemetry Output		Sensor Input		Peripherals	
USB VCP	115200 ⌄		Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄
UART1	115200 ⌄		Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄
UART2	115200 ⌄		Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄
UART3	115200 ⌄		Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄
UART5	115200 ⌄		Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄
UART7	115200 ⌄		Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄	Disabled ⌄	AUTO ⌄
UART8	115200 ⌄		Disabled ⌄	AUTO ⌄	GPS ⌄	115200 ⌄	Disabled ⌄	AUTO ⌄

Save and Reboot

2.OPEN CONFIGURATION PAGE AND CHOOSE GPS SETTINGS AND ENABLE THE FOLLOWING:

GPS

GPS — GPS for navigation and telemetry

Note: Remember to configure a Serial Port (via Ports tab) when using GPS feature.

UBLOX ⌄ Protocol

Auto Baud

Auto Config

Use Galileo

Set Home Point Once

None ⌄ Ground Assistance Type

3. GO TO SYSTEM CONFIGURATION AND ENABLE MAGNETOMETER TO TURN ON COMPASS.

System configuration

Note: Make sure your FC is able to operate at these speeds! Check CPU and cycletime stability. Changing this may require PID re-tuning. TIP: Disable Accelerometer and other sensors to gain more performance.

3.20 kHz — Gyro update frequency

3.20 kHz ⌄ PID loop frequency

Accelerometer

Barometer (if supported)

Magnetometer (if supported)

4. THE MAG AND GPS ICON WILL SHOW IF THE COMPASS AND GPS ARE CONNECTED SUCCESSFULLY.

NewBeeDrone