

Link do produktu: <https://dronexpert.eu/modul-gps-geprc-gep-m10-series-p-15841.html>

Moduł GPS GEPRC GEP-M10 Series



Cena brutto	129,00 zł
Cena netto	104,88 zł
Dostępność	Wysyłka 24 godziny/Odbiór osobisty
Producent	GEPRC

Opis produktu

Summary

Hello all FPV enthusiasts, in order to improve customer experience, the GEPRC team has fully upgraded the GPS series product line and now launches GPS series products based on u-blox M10 chip: GEP-M10nano, GEP-M10, GEP-M10Q, GEP-M10-DQ.

GEP-M10 series GPS positioning module has the features of small size, fast positioning, stable connection, and convenient use. Using the M10 chip solution of u-blox company, it supports GPS + BDS + Galileo + QZSS + SBAS joint positioning, the highest Up to 32 satellites. Built-in Flash chip and farad capacitor can save configuration parameters and fast hot start. Small volume ceramic antenna provides good receiving ability. Integrated QMC5883L magnetometer and DPS310 barometer (only GEP-M10-DQ) can provide accurate azimuth pointing and sensitive altitude change data. It can meet the needs of most FPV drones, multi-rotors, fixed-wing and other model products.

Specifications

- Model: GEP-M10nano / GEP-M10 / GEP-M10-DQ
- GPS chip: u-blox M10
- Magnetometer: GEP-M10nano: No / GEP-M10: No / GEP-M10Q: QMC5883L / GEP-M10-DQ: QMC5883L
- Barometer: GEP-M10nano: No / GEP-M10: No / GEP-M10Q: No / GEP-M10-DQ: DPS310
- Input voltage: 3.3V-5V
- Receiving frequency: GPS L1, GLONASS L1, BDS B1, GALILEO E1, SBAS L1, QZSS L1
- Operating mode: GPS+BDS+GALILEO+QZSS+SBAS joint positioning
- Channel: 72ch
- Navigation satellites: Up to 32 pieces
- Output protocol: GEP-M10nano: UART(ublox) / GEP-M10: UART(ublox) / GEP-M10Q: UART(ublox), I2C / GEP-M10-DQ: UART(ublox), I2C
- Baud rate: 115200bps
- Output Frequency: 10Hz
- Speed Accuracy: 0.05 m/s
- Horizontal positioning accuracy: 2D ACC1.5m(Weather)
- Timing accuracy: 30 ns
- Receiver sensitivity: Trace-162dBm, Capture-160dBm
- Dynamic characteristics: Max Height: 50000m, Max Speed: 500m/s
- Maximum acceleration: 4G
- Size: GEP-M10nano: 15x15x5.5mm / GEP-M10: 22*22*8.2mm / GEP-M10Q: 22*22*8.2mm / GEP-M10-DQ: 22*22*8.2mm
- Weight: GEP-M10nano: 2.5g / GEP-M10: 7.8g / GEP-M10Q: 7.9g / GEP-M10-DQ: 8.0g

Features

1. U-blox M10 series chip
2. Fast positioning speed
3. GPS+BDS+Galileo+QZSS+SBAS joint positioning
4. Up to 32 satellites

5. Stable connection quality
6. Unique appearance design
7. Small size and light weight
8. Built-in Flash chip and Farad capacitor
9. Onboard indicator light, easy to use
10. Integrated magnetometer+barometer,integrated module (GEP-M10-DQ)

Includes

- 1 x GPS module
- 1 x Terminal wire
- 1 x Instruction manual
- 1 x GEPRC sticker
- 1 x Heat shrink tubing

Produkt posiada dodatkowe opcje:

Model: GEP-M10 , GEP-M10Nano , GEP-M10Q