433Mhz Telemetry



Produktkode: 211aa
Tilgjengelighet: Opp til 1 mnd leveringstid
Weight: 4.00g
Ring etter pris: 91166668

Kort beskrivelse
433Mhz V2 Dual Radio 433 Telemetry Kit TTL 3DRobotics f/ Mini APMPro Pixhawk APM

Beskrivelse
Manual og programmeringsinstrukser

V2 Dual TTL 3DRobotics 433Mhz 3DR Radio Telemetry Kit for Mini APM Pro Pixhawk APM

Description:

- Dual TTL 3DRobotics 3DR Radio Telemetry Kit 433Mhz for Mini APM pro / Pixhawk / APM 2.6 APM 2.7 2.8

- The 3DRobotics 3DR Radio is the ideal way to setup a telemetry connection between your APM and a ground station. Small, inexpensive and with great range, the 3DR radio uses an open source firmware which allows us to do things that cannot be done with other radios.

Radio Features:

- Very small size

- Light weight (under 4 grams without antenna)

- Available in 433Mhz

- Receiver sensitivity to -121 dBm

- Transmit power up to 20dBm (100mW)

- Transparent serial link

- Air data rates up to 250kbps

- Range of approx 1 mile

- MAVLink protocol framing and status reporting

- Frequency hopping spread spectrum (FHSS)

- Adaptive time division multiplexing (TDM)

- Support for LBT and AFA

- Configurable duty cycle

- Built in error correcting code (can correct up to 25% data bit errors)

- Demonstrated range of several kilometers with a small omni antenna

- Can be used with a bi-directional amplifier for even more range

- Open source firmware

- AT commands for radio configuration

- RT commands for remote radio configuration

- Adaptive flow control when used with APM

- Based on the HopeRF HM-TRP radio module, featuring an SiLabs Si1000 RF microcontroller.

Package list:

Module X 2pcs

Antenna X 2pcs

6P to Dupont Port Cable for Mini APM Pro x 1

5P Port for APM Flight Control X 2pcs (You need to change interface by yourself)

6P to 6P Serial Port Cable for Pixhawk x 1

OTP Cable x 1 (can be used for Android Cellphone)