



PRODUCT NAME : 2015 NEW MINI APM PRO
O Flight Controller +NEO-6M 6M
Flight Controller GPS Module
+Power Module for APM pro

PRICE : Rs 8,999.00

SKU : RM2538



NOTE: THIS PRODUCT MAY BE DIFFER FROM IMAGE SHOWN ABOVE. Copyrights by Robomart.com

DESCRIPTION

MINI APM PRO Flight Controller

Some Changes for This Mini APM Pro:

- Using imported large current LDO instead of previous version 3.3V LDO to support outputting 500MA power.
- Change the previous diodes to PIX PMEG2005 diodes and integrate the two-way output power
- 22UF/16V capacity was added into 5V module to ensure stable power of main controller (2560 part).
- All ports have mounted on both ends and 2.54 standard Dupont connectors are adopted to create stability.
- Two pieces RGB led lights have replaced the PPM light, looks super flashing and dazzling
- 8-way PWM input signal has been simplified by 4pcs servo cable to realize signal input.

NEO-6M Ublox/u-blox GPS Module for mini APM pro

- These are Pre-configured, Flashed with the correct settings, and tested. To make them Plug and Play. This is NOT normally done in any other store!
- Super Bright LED
- BlackPlane with Standard Mk style mounting holes 45mm X 45mm
- Blox Neo 6M Chipset
- 38400 bps (Default) Changed to 115200bps !
- Output GGA, GSA and RMC frames
- 1Hz (Default) Changed to 5Hz!
- Permanent Configuration Retention
- Cable included
- + Moved LED to the Top
- + Bigger battery
- + compass on board
- + 6 pin connector for EZ connect to MEGA BLACK

- + 4 pin connector for onlyGPS use
- + 4 pin connecton for compass only use
- + GPS "PCB HOOD" for More EMI/RFI Shielding
- can use both 4 pin at once
- The GPS unit is per-configured for multiwii !! Unlike other shops send it out default settings, and yet you figure it out.
- pre tested = PLUG AND PLUG for MWC 2.1!
- MultiWii GPS assited Position Hold and RTH functions
- NEO-6M Ublox u-blox GPS Module with on-board compass HMC5883I (compass) (mag)

Description:

- Main chip:U-BLOX NEO-6M.
- C/A code,1.023MHz.
- Receiver Frequency:L1 [1575.42MHz].
- Locate performance.
- 2D :3m(Average).
- 2D:2m(average),with WAAS.
- drifting<0.02m/s.
- accuracy:1us.
- coordinate system:WGS-84.
- max attitude height:18000.
- Max speed:515m/s.
- accerlaration:<4g.

Specification:

- tracking sensitivity:-161dBm.
- Capture sensitivity:-148dBm.
- cold start time:38s average.
- Warm start time:35s average.
- hot start time:1s average.
- Capture time:0.1s Average.
- Temperature:40 to +80.
- wide power supply voltage:+3.5V~+5.5V.

Ublox GPS Module V2.0

Package including:

- APM PRO Flight Controller*1
- Neo-6M GPS Module * 1
- Power Module x1

