



PRODUCT NAME : Pixhawk PX4 2.4.6 32 bit ARM Flight Controller & ; NEO 7M GPS/4G TF Card & Led External & PPM/PM Module/433Mhz DTM for Multicopter



PRICE : Rs 17,999.00
SKU : RM2487

DESCRIPTION

- PIXHAWK intergrated the newest 32 bit chip technology and sensor technology, get rid of the dilemma of having only 8 bit CPU of APM, and CPU occupancy being too high

Features:

- with external LED -Dual Size full angle LED
- Advanced 32 bit ARM CortexM4 high performance processor, can operate NuttX RTOX real time operation system
- 14 PWM/ Servo Output
- Bus interface(UART,I2C,SPI,CAN)
- Intergrated back up power and lose efficacy controller, main controller lose efficacy can safely alter to back up control
- Providing automatic and manual mode
- Providing redundant power supply input and failover
- Multicolor LED light
- Providing multi sound buzzer interface
- Micro SD records flying data

Hardware parameters

Processor:

- 32 bit 2M flash memory STM32F427 Cortex M4, with hardware floating point processing unit
- Main frequency: 168MHz; 256K RAM
- 32 bit STM32F103 back up processor

Sensor:

- L3GD20 3 axis digital 16 bit gyroscope
- LSM303D 3 axis 14 acceleration/magnetometer
- MPU6000 6 axis acceleration/magnetometer
- MS5611 high precision barometer

Interface:

- 5 UART, one compatible high voltage, two have hardware flow control
- Two CAN
- Spektrum DSM/ DSM2/ DSM-X satellite receiver compatible input
- Futaba SBUS compatible input and output
- PPM signal input
- RSSI(PWM or voltage) output
- I2C
- SPI
- 3.3 and 6.6VADC input

- External MICRO USB interface

- Compare to the old version 2.4.5, the final release 2.4.6 Version is added two components: D1002 and F1002

- D1002 model: PMEG2005CT

- This version of flight control can solve the problem of small supply current for receiver, and the flight control system halted caused by overcurrent supply

NEO-6M / 7M GPS Specification: (6M / 7M GPS for Pix Link)

- Inner chip UBLOX NEO 6M

- With EEPROM memory function

- Baud rate 4800-115200

- Refresh rate 1-5Hz

- Cable length 25cm

- Support rod length: 12cm

- Red cable- VCC

- Black cable- GND

- Yellow cable- TXD

- Green cable- RXD

package including :

- Pixhawk px4 2.4.6 32 bit ARM Flight Controller X 1pcs(**with original DF13 connector**)

- Original shell X 1pcs

- Buzzer X 1pcs
- PPM module X 1pcs
- Safety button X 1pcs
- Pixhawk-I2C Splitter Expand Module X 1pcs
- External LED light board X 1pcs
- NEO-6M / 7M GPS for Pixhawk PX4 X 1pcs (send at random)
- 4G SD Card X 1pcs(**we have updated it to 8GB SD Card for free instand of the 4GB SD Card Friend, when you pay it, we will send you the 8GB SD Card**)
- SD Card Adapter X 1
- Power Module(PM) X 1pcs
- 433Mhz Data Transmission Module(DTM) X 1 pair(1pcs Receive Module + 1pcs Transmitter Module)



