



PRODUCT NAME : Pixhawk PX4 2.4.6 32 bit ARM Controller /4G TF Card /Led External/PPM/I2C/Mini OS D/433MhZ telemetry /Neo 7M GPS /StandHolder



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PRICE : Rs 19,999.00
SKU : RM2531

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

- 32 bit 2M flash memory STM32F427 Cortex M4, with hardware floating point processing unit.
- Main frequency: 168MHZi¼Œ256K 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.

Size

- Weight: 27g.
- Length: 60MM.
- Width: 38MM.
- Height: 14MM.

Package Included:

- Pixhawk px4 2.4.6 32 bit ARM Flight Controller X 1pcs(with original DF13 connector).
- Original shell X 1pcs.
- Buzzer X 1pcs.
- Safety button X 1pcs.
- 4GB SD Card X 1pcs(we have updated it to 8GB SD Card for free instead of the 4GB SD Card Friend, when you pay it, we will send you the 8GB SD Card).
- SD Card Adapter X 1.
- Pixhawk-I2C Splitter Expand Module X 1pcs.
- External LED light board X 1pcs.
- PPM module X 1pcs.
- Minim OSD X1pcs.
- 433 telemetry X1 pcs .
- Neo-7M Gps Module x 1pcs (send at random).
- black Gps Holder x1pcs.

