



PRODUCT NAME : Pixhawk PX4 2.46 32 bit ARM Flight Controller

PRICE : Rs 17,999.00

SKU : RM2507

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: 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.
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- 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.

Package Include:

- 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.
- 4G 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.
- Minin OSD X1.