



PRODUCT NAME : Mini Pixhawk Flight
Control 32bit Pixhawk2.4.6 Power
Module Minin Osd 433mhz Tel
ometry 7N GPS Combo

PRICE : Rs 24,999.00

SKU : RM2530



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DESCRIPTION

Comparing with the standard version, The revisions made on Pixhawk mini are as follows:

- SD card base adopts deadlock function. SD card will not be easily taken out unless press the SIM.
- The front jacks all adopts imported the gilded needle, has better contact resistance, more stable and reliable.
- NEC original tantalum capacitor is added in back compass and main power supply, making each sensor has stable power supplying and lesser possibility of aircraft crashing.
- The same matte black gold plate as the original version, high quality.
- 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.
- Size: from 81.5*50*15.5 to 60*38*14MM.
- Weight: from 38g to 27g.
- All interfaces are changed to 2.5.4 dupont interfaces both front and behind, convenient for cable connection.
- The internal power supply mode is changede, adopting TI power supply plan, external input voltage can reach to 3-15V wide input.
- The part of IMU is modue group , maximize to reduce the interferences, more stable state.

Pix Mini Hardware Configuration

- 32bits ARM Cortex M4 core includes FPU^{1/4} floating point unit^{1/4}%.
- 168 Mhz/256 KB RAM/2 MB flash memory .
- 32bits error protection coprocessor .

Sensor:

- ST Mirco 12bit Gyroscope L3GD20 Upgrade to 16bit Gyroscope L3GD20H.

- ST Micro 14bits accelerometer/ Magnetometer LMS303D.
- MEAS barometer MS5611.

Power supply

- super high performance three channels low differential pressure diode tube paralleling input.
- any channel supports 3S, directly input and gurantee the stable work of ~~the external~~ interface have complete overcurrent shortcircuit, ESD electrostatic protection.Interface.
- 5 UART serial ports, one supports large power, two have hardware flow control .
- Spektrum DSM/DSM2/DSM-X satellite input .
- Futaba S.BUS input and output .
- PPM sum signal .
- RSSI^{1/4} PWM or voltage^{1/4} input.
- I2C, SPI, two CAN, USB.
- 3.3 and 6.6 ADC input .

Size

- Weight^{1/4}š27g.
- Length: 60MM.
- Width: 38MM.
- Height: 14MM.

Package Included:

- Mini Pixhawk 2.4.6 Flight Controller x 1.
- Original Shell X 1.
- 8G SD Card x1.
- Safety switch x1.
- Buzzer x 1.
- SD Card Adapter x1.
- External LED light board X 1.
- PPM Module x1.
- Pixhawk-I2C Splitter Expand Module X 1.
- 7N Gps Module x1 .
- Power Module x1 .
- Minim OSD w/ shell x1.
- 433 telemetry w/ shell x1.

