



PRODUCT NAME : Mini Pixhawk Flight Control 32bit Pixhawk2.4.6 w/SD Card /Safety Switch/Buzzer/RGB/PPM/I2C/PM/OSD /433 Telemetry/M8N GPS

PRICE : Rs 24,999.00
SKU : RM2483



DESCRIPTION

Mini Pixhawk Flight Control 32bit ARM Cortex M4 Pixhawk2.4.6 Hardware for Mulicopter FPV Photography

- 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
 - - 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
- Pix Mini Hardware Configuration
 - Processor
 - - 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 maincontrol
- All external interface have complete overcurrent shortcircuit, ESD electrostatic protectionInterface
- - 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}%oinput
- - I2C, SPI, two CAN, USB
- - 3.3 and 6.6 ADC input

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

- Package Include:
- - 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
- - Neo-M8N Gps Module x1
- - Power Module x1
- - Minim OSD x1
- - 433 telemetry x1
-

