



PRODUCT NAME : Pixhawk Px4 2.4.6 32
Bit Arm Flight Controller &
; 4g Tf Card/Led External/Ppm
Module for RC Multicopter



PRICE : Rs 16,999.00

SKU : RM2477

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DESCRIPTION

Pixhawk PX4 2.4.6 32 bit ARM Flight Controller & NEO-6M GPS/4G TF Card/Led External/PPM for RC Multicopter

- 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 GPS Specification: (6M 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
 - - External LED light board X 1pcs
 - - 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

