



**PRODUCT NAME :** Pix pilot v2.4.6 open-hardware Autopilot Flight Controller +I2C+RGB+ Neo-M8N GPS +Minim OSD+PM +915 MHZ Telemetry

**PRICE :** Rs 20,999.00  
**SKU :** RM2486



## DESCRIPTION

- PIXHAWK integrated 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)
- Integrated 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 / 7M GPS Specification: (6M / 7M 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 origianl DF13 connector** )
- Original shell X 1pcs
- Buzzer X 1pcs
- PPM module X 1pcs

- Safety button X 1pcs
- Pixhawk-I2C Splitter Expand Module X 1pcs
- External LED light board X 1pcs
- NEO-6M / 7M GPS for Pixhawk PX4 X 1pcs (send at random)
- 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
- Power Module(PM) X 1pcs
- 433Mhz Data Transmission Module(DTM) X 1 pair(1pcs Receive Module + 1pcs Transmitter Module)



