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Drotek Pixhawk 3 Pro (Aluminum Case)

by Drotek

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- Brand: Drotek
- Model: 0885A01
- RMRC Win: 83573
- Shipping Weight: 0.5
- Country of Origin: ES

Related Products

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PixHawk2 Cube Black 2.1 Flight Controller Open Package

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PixHawk 2.1 Cube Black Standard Set with Standard Carrier Board

Features   Technical Info   Related Categories

Pixhawk 3 pro is the newest edition to autopilot flight controller technology and telemetry systems. Featuring ST Microelectronics ® processors and sensors and a NuttX real-time operating system, offering incredible performance, flexibility and reliability for controlling a stand-alone vehicle or rc drone aircraft.

The benefits of the Pixhawk 3 Pro system include integrated multithreading, a Unix / Linux programming environment, new autopilot features such as Lua script, and a custom PX4 driver layer.

The Pixhawk 3 Pro will be accompanied by new peripheral options, including a digital speed sensor, an external LED multi-color indicator and an external magnetometer. All devices are automatically detected and configured.

Features

- A flight controller on a single, ergonomic board for space-constrained applications.
- A multi-card modular flight controller for professional applications.
- Inputs and outputs sufficient for the majority of applications, without extension.
- More intuitive use
- More powerful sensors.
- Larger capabilities and resources (384 KB RAM, 2 MB Flash).
- Superior reliability and reduced integration difficulty.
- BoM and reduced
- Key points of desig

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- All-in-one design with built-in FMU, optional IO and many inputs and outputs.
- Improved manufacturing, built for easy integration and case creation.
- Separate power supplies for FMU and IO (see Power Architecture)
- Backup battery system for FMU and IO SRAM / RTC implemented directly on the board.
- Possibility of use with two power modules.

Package included:

- 1x Pixhawk 3 Pro (PX4 firmware)
- 1x JST-GH cables 2x 6pins, 2x 4pins

Document Links

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