Skybotix
TECHNOLOGIES

Advanced Micro Aerial Vehicles

FlyboX™ Scientific is a robotic multi-copter designed for research & education

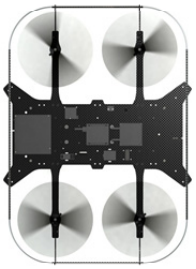
FlyboX™ *Scientific*

- Large payload
- Cost effective
- Embedded x86 computer
- Powerful ARM® 32-bit controller
- GPS based position hold
- API for high-level control
- ROS pre-installed

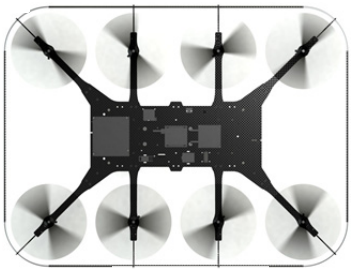
FlyboX™ Scientific

- High precision altimeter
- Very stable attitude & position
- Ultrafast IMU (2nd generation)
- Fast GPS module (4Hz, uBlox)
- XBee® or Bluetooth® link
- Supports up to 8 servo-motors
- Remote control (2.4 GHz or 35Mhz)
- Easy PC connectivity through USB

Exists also in:



4 Rotors



8 Rotors

FlyboX™ Scientific – options

- HOKUYO™ laser scanner (UTM, URG)
- High Quality USB camera (Pointgrey)
- ATOM computer 1.6GHz (1 or 2 core)
- Powerful WiFi module (N standard)
- 4, 6, or 8 rotors configuration possible

General specifications (6 rotors)

Total width	740mm
Total length	900mm
Control loop	1kHz
Payload	600g (15min)
Autonomy	up to 22min

FlyboX™ Scientific is ready to fly out of the box and very easy to use