

ASCENDING TECHNOLOGIES

UNIVERSITIES AND RESEARCH

PRODUCTS 2012



ASCTEC Pelican

"It can carry a lot of fish" - now even more than before!



Benchmark in carrying sensor equipment!

REVISED

- ▼ 650 g payload
- ▼ New version of SDK
- ▼ MATLAB interface
- ▼ New firmware
- ▼ Starting at 5,195 €

ASCTEC Mastermind

*Highest performance with maximum flexibility in a compact and lightweight design.
Compatible with AscTec Pelican and AscTec Firefly.*



The performance you always asked us for!

NEW

- ▼ CPU up to Intel® Core™ i7
- ▼ Firewire, Ethernet, SATA, etc.
- ▼ Starting at 1,795 €
- ▼ Available beginning of 2012

ASCTEC Hummingbird

If you talk about a small, sturdy and agile UAV - you probably talk about our YouTube star.



**Our most mature UAV
now completely updated!**

REVISED

- ▼ Fully GPS controlled flight
- ▼ New version of SDK
- ▼ MATLAB interface
- ▼ New firmware
- ▼ Starting at 3,515 €



ASCTEC Hummingbird Lite

If you like to enter the field of UAV research - the AscTec Hummingbird Lite is your choice!



**Start with the lite
version and upgrade later!**

REVISED

- ▼ Perfect for indoor experiments
- ▼ Upgradeable
- ▼ Easy to repair
- ▼ Starting at 1,795 €

ASCTEC **Firefly**

The new modularly designed labflyer with patent pending redundant propulsion system.



**The next generation
micro UAV for research!**

NEW

- ▼ Redundant propulsion system
- ▼ Decoupled IMU and payload
- ▼ Improved modular design
- ▼ 400 g payload
- ▼ Starting at 5,695 €

Free 2012 firmware upgrade!

We summarized many new ideas, decided to revise all parts of the basic software and added new functionality in order to improve your workflow according to your requests.

NEW

- ▼ MATLAB/SIMULINK interface for easier programming possibilities
- ▼ New open-source communication interface with ANSI-C code samples
- ▼ Improved accuracy due to advanced sensor calibration
- ▼ Improved data fusion and control
- ▼ Additional sensor checks at startup
- ▼ Coordinate systems complying with international standards
- ▼ Additional control methods and data accessible through the SDK
- ▼ Available end of 2011, watch out for the newsletter