

MAIN FEATURES



ADVANCED FLIGHT CONTROL ALGORITHM



OPTIMISED TAKE-OFF AND LANDING MANAGEMENT



FUSION OF MEASURES & HEIGHT ESTIMATION



AUTOMATIC DETECTION AND SENSOR FAILURE MANAGEMENT







EXOCET GOLD OFFER

An EXOCET Gold box

ON QUOTATION

- Two connection cables: CAN + Ethernet CAN
- An Exocet Bracket
- The installation guide
- A licence to use the flight controller



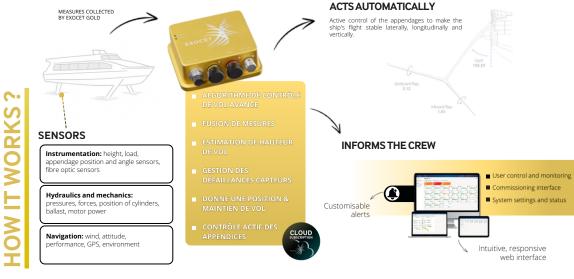
OPTIONAL COMPLEMENTARY PRODUCTS

- EXOCET Blue
- EXOCET Voice
- EXOCET Cloud
- Exocet Keyboard
- Additional cables: serial and IO/analog.
- ExoConnect : analog, serial, or digital input

OPTIONAL ADDITIONAL SERVICES

- Engineering services to adapt the flight controller to the specific requirements of your platform
- A system integration service
- Fibre optic instrumentation service
- Customised dashboard design service





WHY CHOOSE EXOCET GOLD?



- Compatible with all types of platforms: flying ferries or tenders, flying sailboats, etc
- Height estimation by fusion of inertial measurements and height sensors: very robust and accurate to the centimetre in all sea conditions.
- Optimised management of take-off and landing phases.
- Stable flight, even in adverse conditions (sensor failure, rough seas, etc.)
- Smooth, stable steering with the option of inclined or flat turns.
- Validation possible on simulator to guarantee a very shoort test period on the water.
- Derived from the aeronautics and space industries, the algorithms are tuned using a tool chain developed by Pixel sur Mer to automate the flight control parameters based on the simulation model. This guarantees optimum behaviour at all speeds, for all loading conditions and in rough seas.

PHYSICAL AND ENVIRONMENTAL

- Weight: 350 g
- Size: 113 x 97 x 40mm
- Materials: Anodized aluminum
- Operating temperature: -10°C / +50°C
- Water resistance: IP67
- Input voltage: 9 51V
- Power consumption: 4W
- Certifications: CE EN 60945 and FCC

INPUT/OUTPUT INTERFACES

- 1x Ethernet
- 2x CAN 2.0
- 6x Entrées analogiques 16 bits 50 Hz
- 2x Entrées contact numérique
- 3x Sorties contact numérique
- 5x Séries RS232
- 1x Séries RS232 / RS422

APPLICATIONS

- MAKE FLYING ACCESSIBLE
- SECURE YOUR NAVIGATION IN FLIGHT
- CONTROL SPEED TO EXTEND THE FLIGHT RANGE
- GUARANTEE PASSENGER COMFORT ON BOARD

