

AccuFlighter

AccuFlighter is a multicopter designed to meet the specific needs of a field engineer.

AccuFlighter is the most effective, low cost, tool for area surveillance, installation overview, aerial photography, etc .

Key features:

- Flights using easily to create flight plans
- Long operational range.
- Large payload.
- Easy to use.
- No flight license is needed.
- Foldable.
- Long operational time using high capacity rechargeable batteries.
- User replaceable batteries.
- Worldwide use. Remote Controls modules available using specific frequencies licensed for use in Europe, USA, Australia and Asia.
- Fault tolerant design. The AccuFlighter can fly with half of the motors off-line in case of in-flight problem.

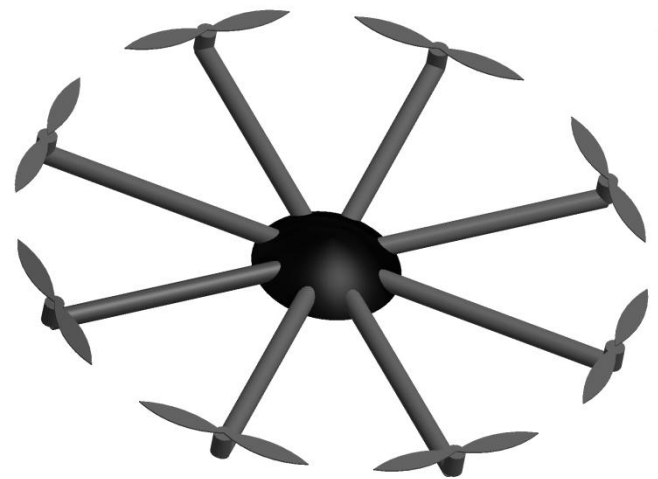


Image of AccuFlighter AF8

Autopilot features

- Auto stabilizer
- Auto take-off
- Auto landing
- Auto emergency landing
- Auto motor shut off if needed for balancing.
- Auto return-home
- Follow preset route
- On the fly checkpoints assignement
- Auto land on low battery
- Lock camera at target coordinates
- Lock camera at heading
- Lock camera at checkpoints
- Lock camera on route
- Manual commands override pre designed flight plan



Technical Specifications

Operational range: 1Km typical, up to 5Km*

Field elevation: 3500m (up to 500m from the ground level is allowed by aviation laws).

Flight time: 10 minutes per batteries charge. Extra batteries can be used if you need more flight time on field.

GPS accuracy: 2.9m (CET), 66 channels receiver, WAAS/EGNOS support

Telemetry: GPS position, Height, Speed, Heading

Flight control: manual, follow check points, automatic

Remote control frequency: varies by country

Camera/sensor mount (Optional)

Pan: $\pm 180^\circ$

Tilt: $+180^\circ$

Motors Power (continues)

AF4: 4 motors / 2KW

AF6: 6 motors / 3KW

AF8: 8 motors / 4KW

