

SKY EYE INNOVATIONS



# SKY EYE MICRO

SEARCH, RESCUE AND OVERVIEW

**Sky Eye Micro is designed for search, rescue, overview, and surveillance situations. Provides ideal support for police, fire departments and organizations when making decisions in the field. Makes working conditions smarter and safer in dangerous situations.**

The TAU II thermal camera in combination with the Sky Eye Micro UAV provides an enormous tactical overhead. The Sky Eye Micro UAV is designed for day to day work in the field. It is highly flexible design, foldable for easy transportation and with an optimized flight performance.

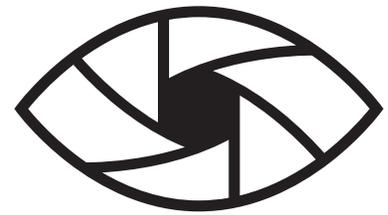
What makes the Sky Eye solutions unique compared with other UAV's on the market is that the Sky Eye Innovations platforms are developed for specific applications. Designed and optimized for and around Flir Systems applications this to ensure the UAV performs with a quite unique performance compared with others.

#### Specs:

- Height: 23 cm
- Width: 20 cm
- Lengths without propellers: 60 cm
- Lengths with propellers: 78 cm
- Diameter: 80 cm
- Weight with basic electronics: approx. 2000g
- Maximum payload: 500g
- Recommended GvW (Gross Vehical Weight): : 3000g - 4000g
- Operation temperature: --30 °C - +50 °C
- Operating speed: up to 15 m/s
- Rate of climb: 6 m/s
- Maximum thrust: 120 N

- **Y6 DESIGN**  
equals no propellers in pictures
- **FOLDABLE**  
for easy transportation
- **DURABLE AND ROBUST**  
design and extremely wind resistant
- **BRUSHLESS CAMERA GIMBAL**  
stable in winds at 10m/s and above
- **DATALINK WITH TABLET CONTROL**  
availability for waypoint and route mission planning





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## TECHNICAL FEATURES

### General

- Weather protected Electronics: closed housing
- Position lights red, green and white
- Optimized flight time up to 45 min (depending on setup)
- Foldable for easy transportation
- Heat sensor – detect heat before it is too late

### Power distribution board

- Serves the camera with power from the UAV

### Video stream connectivity

- Onboard HD reference camera for Visual view
- Double video transmitters to switch between video sources available
- SD-Card recording of video stream on the operators video monitor

### Constructions

- Lightweight and highly durable
- G10 Composite plastic
- Gen 2 Carbon fiber

## READY TO WORK PACKAGE

With our Ready To Work packages the machine comes fully equipped with all parts needed to fully operate the machine and get started. Additional add-ons only needed for extra redundancy and scalability.

## RECOMMENDED EXTRAS

- **WIRELESS HD VIDEO LINK**  
Equip your UAV with long-range full-HD video transmission capabilities with zero latency. Encryption AES-128 & RSA 1024 for key Exchange
- **PARACHUTE SYSTEM**  
Unique to Sky Eye, proven effective from 10 meters. Takes down your machine at 4 m/s. World leading parachute performance.
- **REDUNDANT FLIGHT CONTROL SYSTEM**  
Allows you to regain control if you would experience a degraded flight performance.
- **EXTRA LIGHTS**  
Additional powerful light system for search and rescue.



THE INSPECTION SPECIALISTS