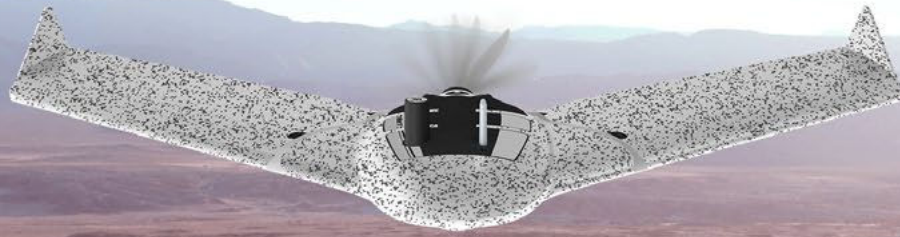


# eBee TAC™

 **Blue UAS Registered | NDAA Compliant**



**Light weight**  
3.5 lb



**Deployment in**  
3 minutes



**Up to 90 minutes**  
flight time



**Up to 1235 ac**  
mission coverage  
at 400 ft altitude



**Silent radio**  
mission



**3D modeling, terrain**  
& thermal mapping

## High accuracy tactical mapping solution

eBee TAC operates in disconnected environments to provide a higher-accuracy mobile solution to map and share imagery data on rapidly-shifting environments in order to analyze and act with precision.

This is a Swiss made portable solution that can be transported and maintained without requiring external support.



**Pixel Camouflage &  
Low Acoustic Signature**



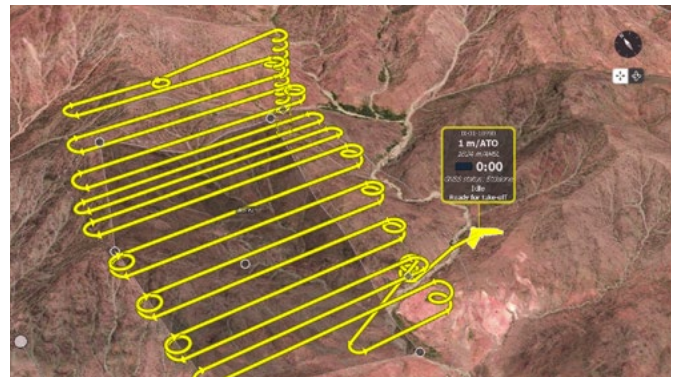
### Validated as Cyber-Secure

- Radio Data Link Encryption AES-256
- Drone Log File Suppression
- Silent Radio Mission
- Data and Communication Control
- Encrypted SD Card

### eMotion Flight planning software

Easy-to-use, eMotion helps you get your drone in the air quickly while including all the functionality you need to collect and manage exactly the geospatial data you require.

- Offline flight planning
- 3D flight planning
- Multidrone capable
- Automated mission block



## Data generated

With its **mission directed swappable sensor suite**, eBee TAC allows you to collect data that can be immediately used via the SD card for analysis and decision making.

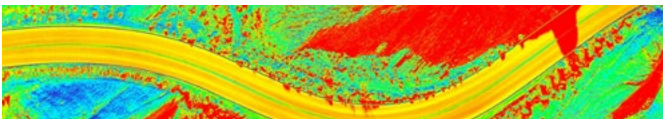
### Detailed 3D models



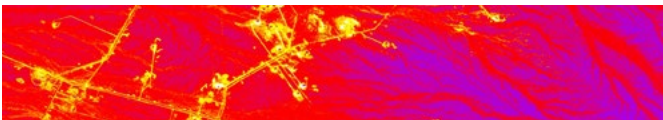
### Orthomosaic high resolution map



### Terrain and surface model



### Thermal map

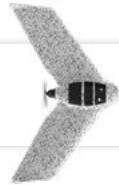


### Application examples

- Generate intelligence
- Prepare operation
- VR simulation
- Update map
- Annotate map
- Line of sight estimation
- Survey job

Fully operational solution with the capability to integrate with situation awareness tools such as ATAK

Capture Data  
eBee TAC



Process

Optimize

Use in the field



## Specifications

Wingspan	45.7 in (116 cm)	Motor	Low-noise, brushless, electric
Material	Expanded Polypropylene (EPP)	Detachable wing	Yes
Underbody skin	Curv® Polypropylene thermoplastic composite	Radio Link Range	1.9 mi (up to 5mi) 3 km nominal (up to 8 km)
Max Take-off weight	3.6 lb (1.6 kg)	Frequency	2.400 - 2.4835 GHz
Transport case dimension	29.5x20x13 in (75x51x33 cm)	Data storage	On-board encrypted SD card

## Flight performance

Cruise speed	11-30 m/s or 25-68 mph (40-110 km/h)
Max wind resistance	Up to 12.8 m/s or 28.6 mph (46 km/h)
Landing type	Linear landing with Steep Landing technology (16.4 ft / 5m accuracy in 35° angle cone)
Service temperature	5° to 104°F (-15° to 40°C) Working above 95 °F / 35°C requires to protect the drone from the sun while on the ground
Humidity	Light rain resistance
Ground avoidance	Yes - LiDAR (range 394 ft / 120m)
Ground resolution	Down to 0.6 in (1.5 cm)
Max flight time	90 minutes
Mission coverage at 120m / 400ft	543 ac to 1,235 ac (2,2 km² to 5 km²)
Linear coverage	Up to 17.2 mi (27.7 km) out and back