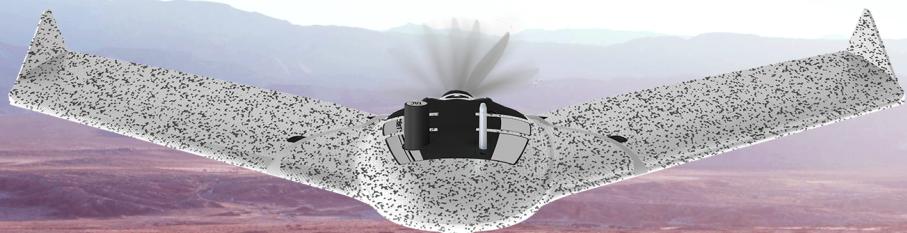




# eBee TAC™



Light weight  
3.5 lbs



Deployment in  
3 minutes



Up to 90 minutes  
flight time



Up to 1,235 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**



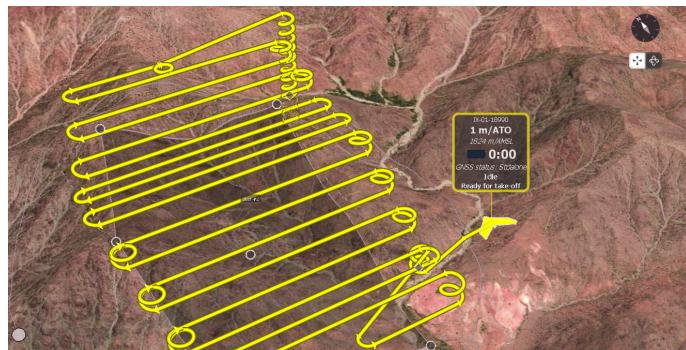
### Validated as Cyber-Secure

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



## Data generated

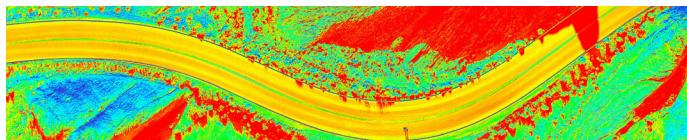
### Detailed 3D models



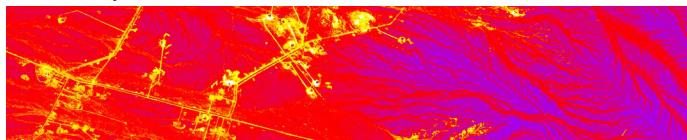
### Orthomosaic high-resolution map



### Terrain and surface model

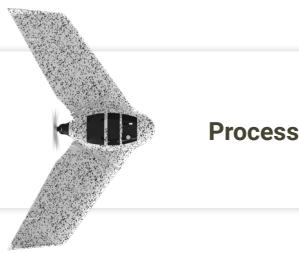


### Thermal map



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 5 mi) 3 km nominal (up to 8 km)
Max. take-off weight	3.5 lbs (1.6 kg)	Frequency	2.400 - 2.4835 GHz
Transport case dimension	29.5 x 20 x 13 in (75 x 51 x 33 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 / 5 m 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 / 120 m)
Ground resolution	Down to 0.6 in (1.5 cm)
Max. flight time	90 minutes
Mission coverage at 400 ft / 120 m	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

