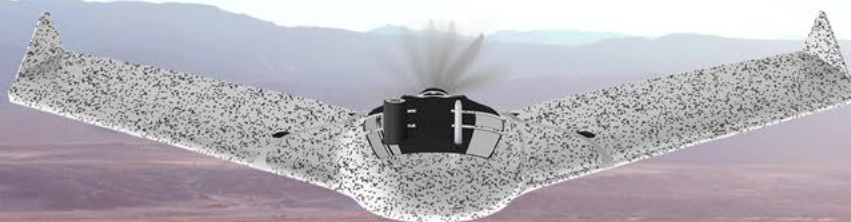


eBee TAC™



Light weight
3.5 lb



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**



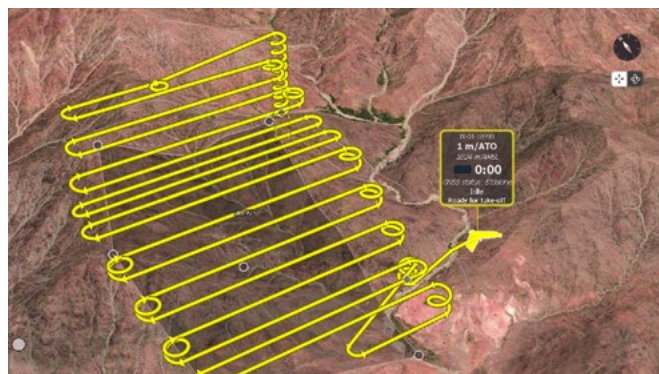
Validated as Cyber-Secure

- 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

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.

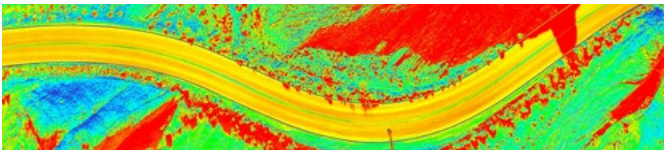
Detailed 3D models



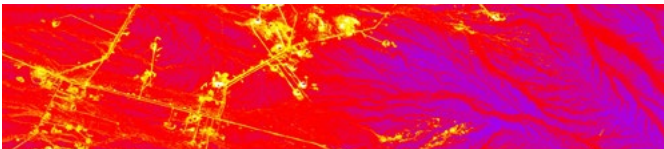
Orthomosaic high-resolution map



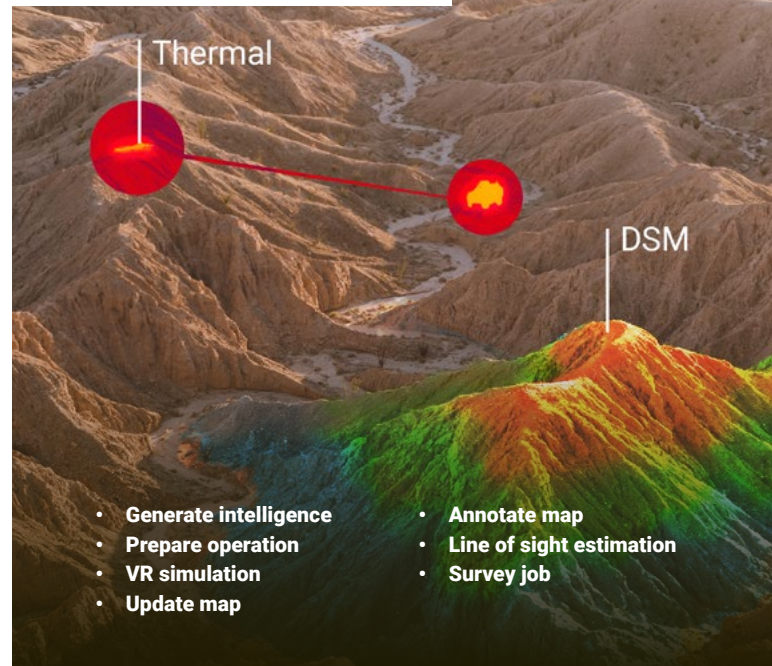
Terrain and surface model



Thermal map



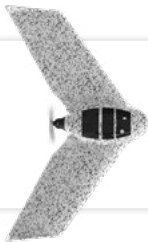
Application examples



- 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 5 mi) 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	29.5 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

