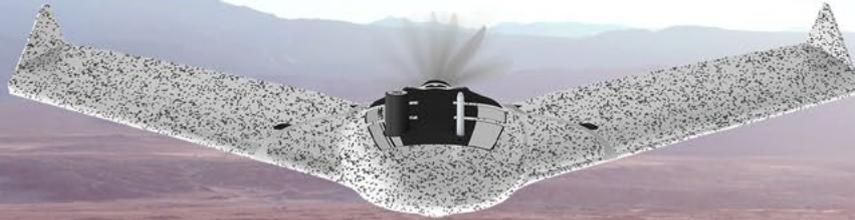




eBee TAC™



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

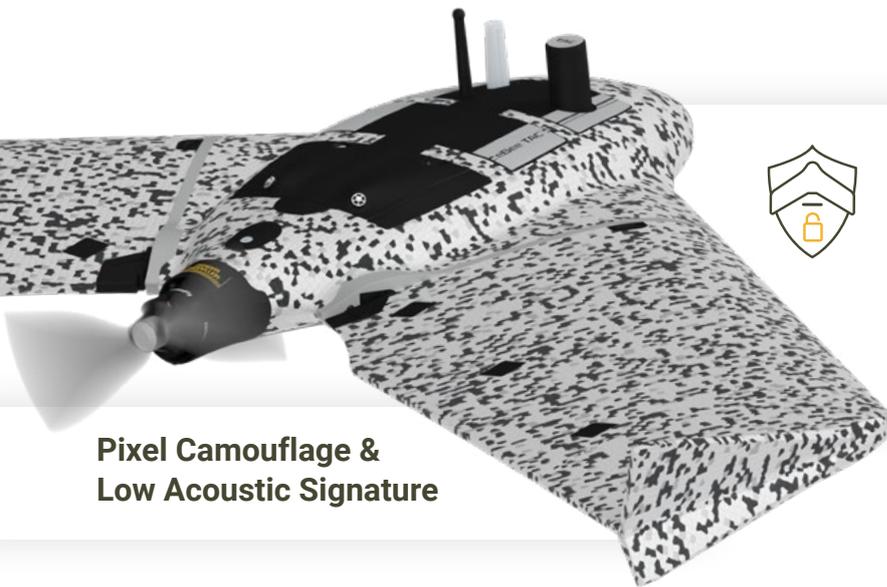


3D modeling, terrain
& thermal mapping

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**



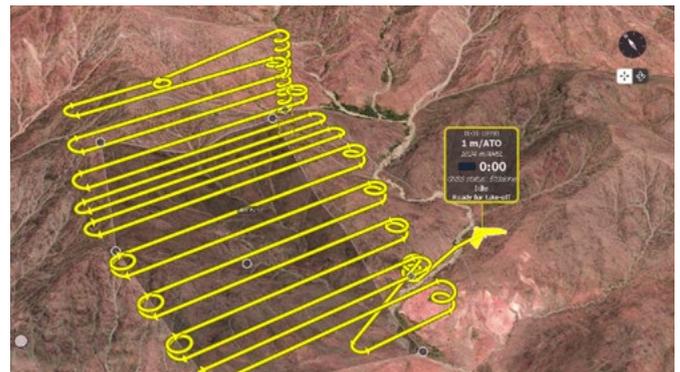
Validated as Cyber-Secure

- 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
- 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.

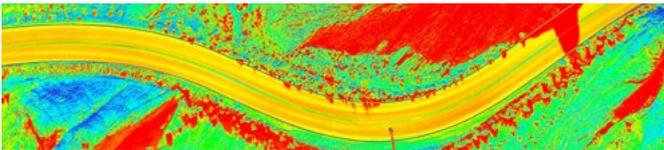
Detailed 3D models



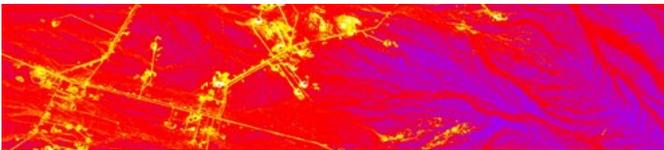
Orthomosaic high-resolution map



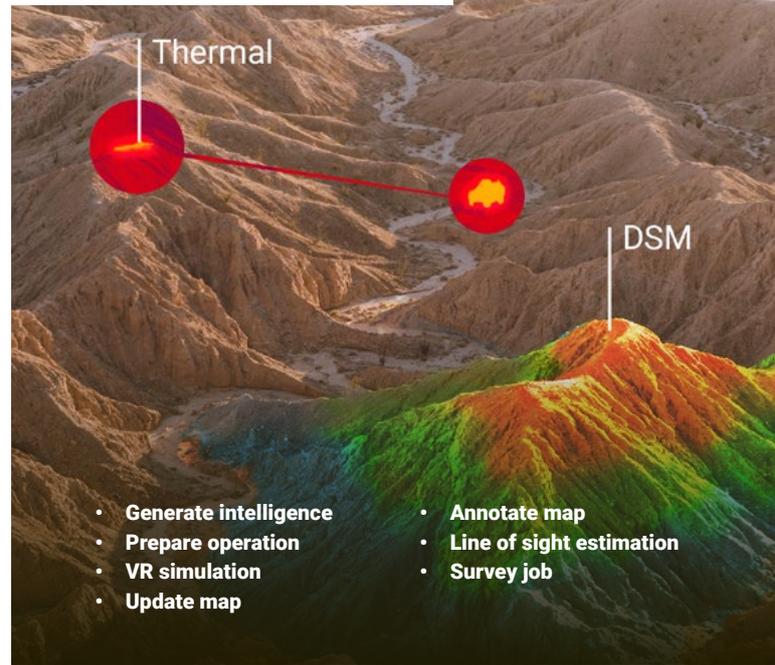
Terrain and surface model



Thermal map



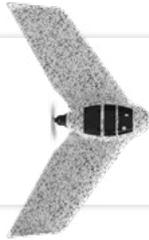
Application examples



- 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 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 |