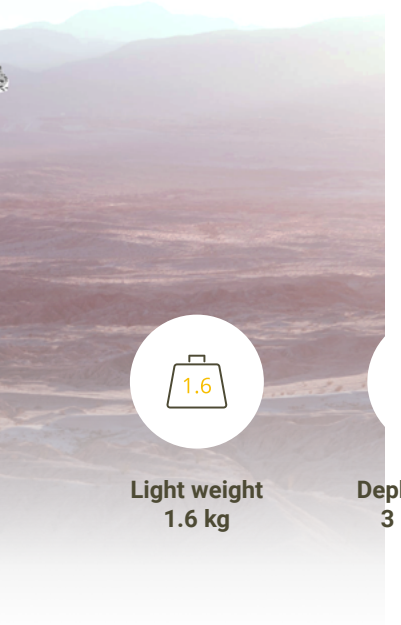
Made in Switzerland

CaronEastInc.

eBee TAC

CaronWestInc.



Light weight 1.6 kg

Deployment in 3 minutes

Up to 90 minutes flight time

220ha to 500ha mission coverage (120m alt)

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.

Special camo

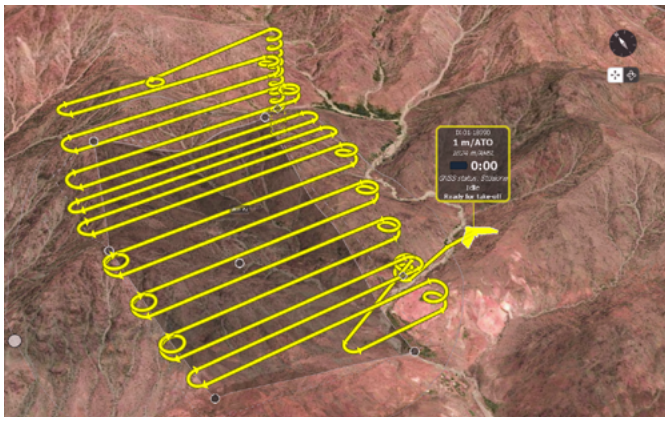
Security

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

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



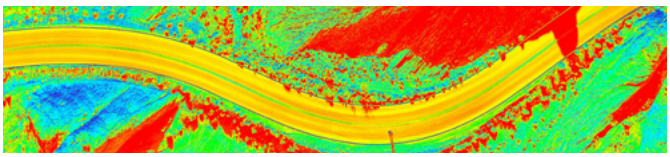
Data generated

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.

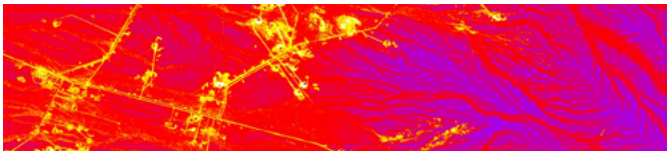
Detailed 3D models

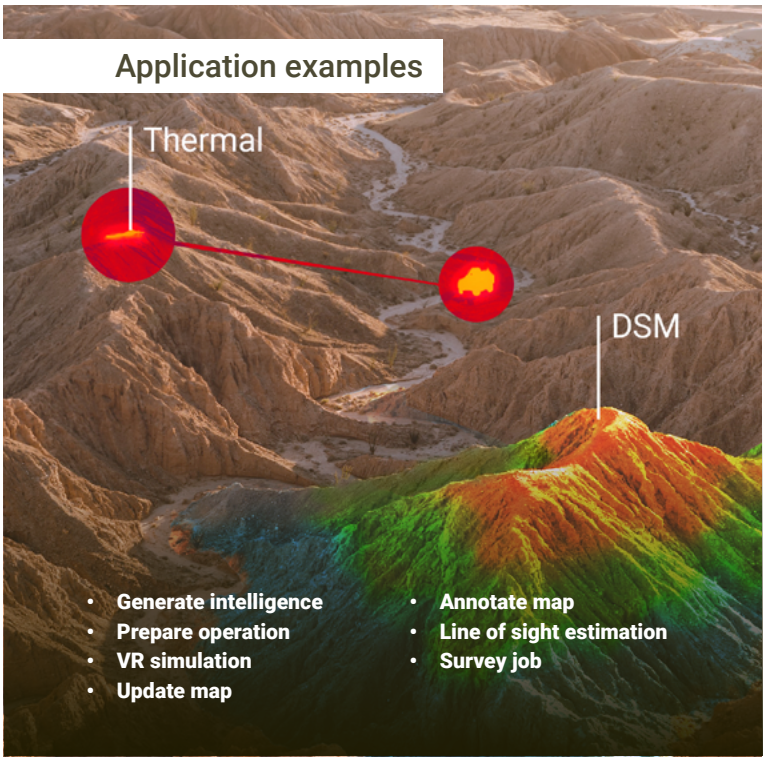
Orthomosaic high resolution map

Terrain and surface model



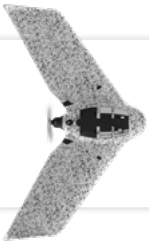
Thermal map





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	116 cm (45.7 in)	**Motor**	Low-noise, brushless, electric
Material	Expanded Polypropylene (EPP)	**Detachable wing**	Yes
Underbody skin	Curv® Polypropylene thermoplastic composite	**Radio Link Range**	3 km nominal (up to 8 km) 1.9 mi (up to 5 mi)
Max Take-off weight	1.6 kg	**Frequency**	2.400 - 2.4835 GHz
Transport case dimension	75 x 51 x 33 cm (29.5 x 20.1 x 13.0 in)	**Data storage**	On-board SD card

Flight performance

Cruise speed	40-110 km/h (11-30 m/s or 25-68 mph)
Max wind resistance	Up to 46 km/h (12.8 m/s or 28.6 mph)
Landing type	Linear landing with Steep Landing technology (5 m/16.4 ft accuracy in 35° angle cone)
Service temperature	-15° to 40°C (Working above 35°C requires to protect the drone from the sun while on the ground)
Humidity	Light rain resistance
Ground avoidance	Yes - LiDAR (range 120m)
Ground resolution	Down to 1.5 cm
Max flight time	90 minutes
Mission coverage at 120m / 400ft	2,2km² to 5km² (220ha to 500ha)
Linear coverage	Up to 27.7km (17.2 mi) out and back