



Overview

The **Sentinel** is an **easy to deploy, full electric, light weight fixed-wing vertical take-off and landing UAS capable of up to 90-minute endurance on a single battery.** Easy to assemble and transport, the Sentinel can accommodate an array of exchangeable payloads, making it the ideal solution for **infrastructure inspection, surveying, and surveillance.**

Key Features

- Supports **fully automated, semi-automated, and manual** flight modes.
- Includes **hand-held controller and tablet** for flight planning & real-time operation.
- Ready to Fly configuration includes **battery, charger, transport case.**
- Easy to deploy, **assembles in minutes.**

Specifications

Width	216.0 cm (85.04in)
Length	120 cm (47.24in)
Aircraft Weight	4 kg (8.82 lbs)
MTOW	8 kg (17.64 lbs)
Payload Capacity	1 kg (2.20 lbs)
Maximum Speed	22 m/s (80 km/h)
Cruise Speed	20 m/s (72 km/h)
Endurance (Max)	90 minutes
Battery	22000 mAh
LiPo Construction	High Density EPO
Launch / Recovery Area	5m x 5m

Recommended Payloads

Our team will be happy to work with you to design and develop a custom solution to efficiently capture your niche dataset from the air.



Sentinel +



MicaSense Rededge P



ADTI 24MP RGB Sony APC-S
with SEL16F28 Lens



FLIR VuePro R