



STALKER XE

DOING MORE WITH LESS

LOCKHEED MARTIN
We never forget who we're working for®

OVERVIEW

Stalker XE is a small, quiet, Unmanned Aerial System (UAS) that provides unprecedented long-endurance imaging capability throughout an array of environments. Optionally powered by a ruggedized Solid Oxide Fuel Cell (SOFC), Stalker XE uses propane to achieve 8+ hours of operation. Stabilized pan, tilt, zoom electro-optical, infrared, and low-light cameras with target locking and tracking provides state of the art imaging capabilities in a small UAS (SUAS) during both day and night. The system provides accurate, geo-referenced imagery products in a variety of user formats. In addition to a propane fuel cell, the system is easily reconfigured in the field to a battery option that provides 4 hours of endurance.

CURRENT PLUG AND PLAY PAYLOADS

EO Camera Pod: Color, 26x Optical Zoom

IR Camera Pod: 50 mm lens, 2x Digital Zoom

Dual Imager Pod: Color, 10x Optical Zoom

KEY FEATURES

- Small Footprint - Complete Mission Capability
Fits in a Rolling Duffel Bag and Backpack
- Quiet Operation
- Operating Altitude 300 ft AGL up to 12,000 ft
Density Altitude
- Bungee-Launched, Autonomous Mission
Operation and Recovery
- Waypoint Navigation
- Cursor-on-Target Compliant
- Integrated Tracker Provides Scene Lock Moving
Target Track, Auto Track and Follow Navigation
- Fully-Autonomous Launch, Flight and Landing
- Intuitive Operation; Rapid Training
- Multi-UAS Operation from a single GCS

SPECIFICATIONS

Span 12.0 ft
Weight 22.5 lb
Payload Up to 5.5 lb
Endurance. up to 8-hrs with Propane Fuel Cell
or up to 4-hrs with Battery Option
Speed Dash 45 kts, Cruise 31 kts
Comms Range Up to 50 nm
Aircraft Range Up to 200 nm
Environment. All-Weather
Launch Bungee Launch Up to 12,000 ft
Density Altitude
Recovery. Glide Landing on Unimproved Surface
Propulsion Hybrid Power System Propane/
Rechargeable Battery

