

# HEIGHT

TECHNOLOGIES



## AUTONOMOUS DRONE-IN-A-BOX SOLUTIONS

**SURVEILLANCE, MONITORING AND INSPECTIONS**



# PRODUCT LINES

## VEHICLE / VESSEL MOUNTED



(90cmx90cmx50cm)

## GROUND / STATIONARY



(120cmx120cmx60cm)



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**VESSEL MOUNTED**



# EZ MOBILE - T

Designed for deployments on vehicles and vessels, the EZ Mobile tethered houses a tethered UAV

EZ Mobile T provides persistent surveillance at speeds up to 35 miles per hour following the host vehicle at 100m altitude.

- **The only tethered drone-in-a-box for vehicles**
- **Automatic deployment, vehicle follow and recovery**



## Payloads

5lb – ISR & tactical network payloads: EO/IR gimbal, tactical radios, laser designators, etc.

## Operating Altitude and Payload

60 meters (200 feet) - 2.3 kg (5 lbs)

100 meters (330 feet) – 1 kg ( 2lbs)

## Environmental

All Weather resistant

Wind tolerance-25mph

## Vehicle follow speed

35mph – 30 knots for maritime vessels

## Aircraft Weight

12 lbs. (no payload) and B\base 120 lbs.

## Computing power

Intel i7 computer running a web server for remote access inside each box

## Control

Secure browser on any tablet or PC

## Launch Recovery

Automatic box opening and closing, launch - recovery

## Power

AC: 90-240VAC, 2000 Watts

DC: 28V from the vehicle

## Transport

Single case - total weight 132 lbs. / 63 kg



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**GROUND PRODUCTS**



# Site Tether / Site Free Flight / Lite Tether



# EZ SITE - Free Flight

Portable autonomous free-flight aerial monitoring system that can be configured to meet a multitude of operational requirements.

The drone automatically deploys from an EZ-Site docking station upon a security trigger such as a vibration sensor, fire alarm, or distress call. It also can self-deploy and recharge for each scheduled mission.

With EZ Site, each drone can take off from and land in a different Easy EZ-Site docking station, allowing for long-range inspections and monitoring missions while recharging at multiple locations.



The system consists of 3 main components:



EZ Site docking station



EZ Free Flight UAV



RMS software



## Payloads

5lb+ – ISR & tactical network payloads: EO/IR gimbal, tactical radios, laser designators, etc.

## Operating Altitude & Range

3000 ft & up to 2km (extended comms available)

## Environmental

All Weather resistant  
Wind tolerance-25mph

## Flight speed

65mph (100kmh)

## Aircraft Weight

12 lbs. (no payload) and base 150 lbs.

## Control

Secure browser on any tablet or PC

## Launch Recovery

Automatic box opening and closing, launch – recovery, charging

## Power

AC: 90-240VAC, 2000 Watts

## Transport

Single case - total weight 167 lbs. / 77 kg

## Maintenance

Field replacement with a spares kit





# EZ SITE - Tether

The tethered version of EZ Site provides unlimited flight time and unparalleled data security. The entire operation, from takeoff to landing, is completely autonomous and can be performed remotely without the need for on-site intervention. The system features a 60m (200 ft) or a 100m (330 ft) data-over-power (DOP) enhanced tether for resilient, and secure data security.

This persistent solution can support continuous flight even in extreme weather conditions, and it offers precise hovering over the ground station, including vehicle-follow functionality, even in GPS-denied environments.



The system consists of 3 main components:



**EZ Site docking station (Tether)**



**EZ Tether UAV**



**Remote Monitoring Software (RMS)**



BORDER PATROL

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# EZ LITE

The EZ-Lite is an ultra-portable version of the Site-T that utilizes a miniature version of the Site-T. The unit is housed within a custom hard case and is rucksack portable with a weight of 18.5Kg (40 lb.), resulting in rapid adaptability and mobility.

The Lite Tether System features a 60 or 100 meter cyber-secure smart tether cable with Data-Over-Power (DOP) technology and includes all the features and drones available for the Site-T, except for the drone not being stored within the case.



The system consists of 3 main components:



EZ Lite  
Tether System



EZ Tethered UAV



Remote Monitoring  
Software (RMS)



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**PAYLOADS**



# CAMERAS (E/O, IR)

## Next Vision

**Starling**  
Lightweight



**X40 180G**

**Nighthawk UZ**  
Enhanced IR



**X40 350G**

**Raptor**  
High End



**X80 640G**

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**SOFTWARE**



# REMOTE MONITORING SYSTEM

## RMS

RMS is a proprietary software system that enables command and control of a single or multiple remotely operated drones, while transmitting high-definition optical and thermal video in real-time. RMS can be securely accessed anywhere and at any time, enabling users to conduct missions from a command center desktop or in the field with a smartphone, tablet, or proprietary controller.

RMS includes an "API version" for easy integration with external command and control software.

- Automatic mission planning and real-time manual mission override capabilities
- Easy integration of output feed into legacy Command and control and Video Management Systems
- Automatic comprehensive logs
- HD Video and thermal video feed delivered in real-time
- Open Architecture Design and full control over software API
- Ability to accept triggers from 3rd Party alarm software.
- Smart geo-fencing



BLND  
V84  
H-67/48  
8.112

V84 H-67/48 8.112

# GROUND CONTROL STATION

## EGCS

EGCS is designed by a Blue SUAS drone maker with NDAA compliance and functionality in mind. It is a tough, all-weather, handheld ground station that utilizes an industrial-grade tablet, powered by an Intel Pentium Silver® processor.

EGCS embodies a decade of operational experience, in both defense and commercial, extreme operational use cases.

Datalink is reliable and secure with AES256 encryption and FIPS 140-2 compatibility. It also features an adjustable 1W, 2x2 MIMO with Low-Density Parity Check (LDPC) wireless RF link.



**Supported Products**  
MOBILE/SITE-T/LITE/SITE-FF



**System Connectivity**  
Wi-Fi / BT / LTE / USB-A  
USB-C & Third-party datalinks



**EGCS Interfaces**  
USB 3.0 Custom Ethernet  
Port Custom Control Port



**Supported Datalinks**  
Microhard/Silvus/Doodle



**Software**  
CPU OS: Windows 11 / Linux  
Controls: USB / GS Software



**Electrical**  
Tablet AC Adapter: 12V / 36W (3A)  
EGCS AC Adapter: 5V / 35W (2A)



**HEIGHT** Built for scale

T E C H N O L O G I E S

Full-stack Drone-in-a-Box Infrastructure Solution