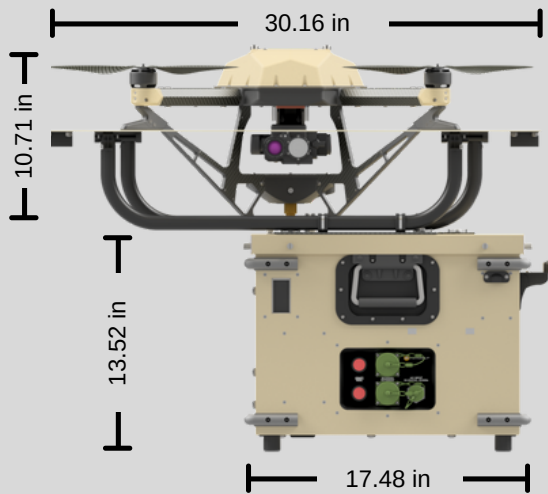


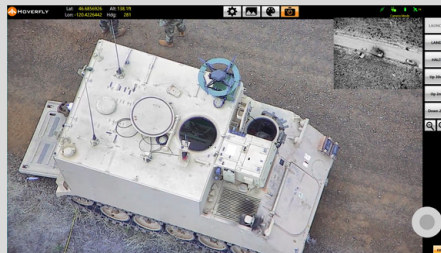


HOVERFLY®

# SENTRY



The Hoverfly is a VTOL multirotor sUAS powered from the ground using a highly engineered resilient tether. As a persistent, multi-day, aerial platform it is currently used for ISR and Communications Relay (VHA). Deployable in minutes, it can be mounted on and operated from moving vehicles, on the ground, and on buildings, to enhance any and enable new missions.



Ruggedized Tablet Control



Autonomous Vehicle Mount

## SPECIFICATIONS

<b>PAYLOADS</b>	EO/IR - 120x optical/digital, 1080p visible, 640x512 thermal, fully-stabilized.
<b>FLIGHT DURATION</b>	Continuous - 1500 hour maintenance.
<b>OPERATING ALTITUDE</b>	60 meters / 200 feet
<b>ENVIRONMENTAL</b>	Weather Resistant (meets MIL 810)
<b>OPERATIONAL</b>	Landing - 15 mph and Operational - 25 mph
<b>AIRCRAFT WEIGHT</b>	Aircraft 3.2 kgs and Base 20.5 kgs
<b>CONTROL</b>	Ruggedized tablet, PC, ATAK, RaptorX, SDK
<b>LAUNCH/RECOVERY</b>	Quick attachment no-tool landing ring
<b>POWER</b>	90-240VAC, 2000 Watt, NATO plug adapter
<b>TRANSPORT</b>	2 cases total weight 100 lbs / 45 kgs
<b>SETUP TIME</b>	< 10 minutes from case to altitude
<b>MAINTENANCE</b>	Field replacement with spares kit

## FEATURES

- **On-The-Move (OTM)** mobile operation
- **Precision Landing** - Launch and recovery from 1-meter ring
- Battery backup in Aircraft and Base with auto-landing on power loss.
- Autonomous launch/flight/land
- Minimal training - No piloting needed
- Durable composite construction
- Payload agnostic
- No RF emission - all command and control payload data over secure tether



# SEEK THE HIGH GROUND

## DESIGNED FOR INTEGRATION



*ATAK integration*



*EO/IR Gimbal*

- Field-swappable open architecture payload bay
- Communications relay device integrated on variable height antenna extends range by dozens of miles/km
- Uninterrupted, wireless communications ready for front line needs
  - TrellisWare TSM MANET
  - Silvus StreamCaster MU-MIMO
  - Persistent Systems EM MANET
  - goTenna Pro X
- Custom payload integrations available
- NextVision Raptor EO/IR integration
- .NET SDK and REST API available
- AMAG Certified
- Handheld tablet and network control



**Hoverfly Technologies, Inc., 800 Central Park Drive Sanford, FL 32771**

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