HOVERFLY®

SPECTRE 2.0

46.35 in

13.94 in

14.16 in

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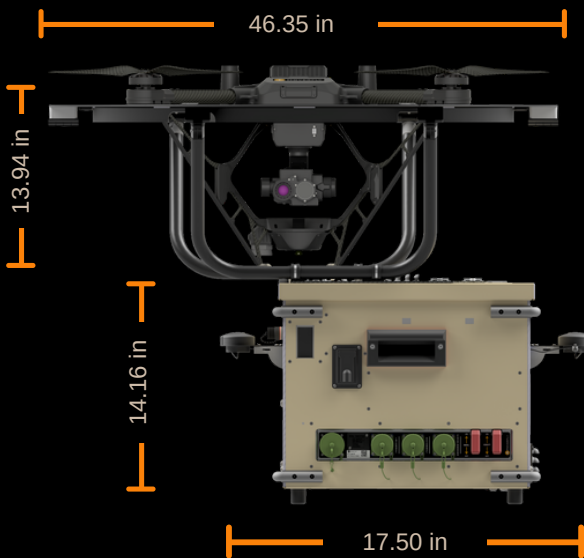
The Hoverfly is a VTOL multirotor sUAS powered from the ground using a highly engineered resilient tether. As a persistent, multi-day, aerial platform it is currently used for ISR and Communications Relay (VHA). Deployable in minutes, it can be mounted on and operated from moving vehicles, on the ground,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

All Weather Capable

Persistent ISR/Comms Relay

SPECIFICATIONS

PAYLOADS	5 lbs; dependent on payload power consumption and environmental conditions
FLIGHT DURATION	Continuous - 1500 hour maintenance
OPERATING ALTITUDE	60 meters / 200 feet
ENVIRONMENTAL	Weather Resistant (MIL-STD-810*)
WIND TOLERANCE	Sustained - 25 mph, Gusts - 35 mph
AIRCRAFT WEIGHT	Aircraft 8 lbs (no payload) and Base 65 lbs
CONTROL	Ruggedized tablet, PC, ATAK, RaptorX, SDK
LAUNCH/RECOVERY	Quick attachment no-tool landing ring
POWER	< 2000 Watts continuous, 2400W peak
TRANSPORT	2 cases total weight 175 lbs / 79 kgs
SETUP TIME	< 10 minutes from case to altitude
MAINTENANCE	No-tool field replacement with spares kit

FEATURES

- **On-The-Move (OTM)** mobile operation
- **GPS Denied 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
- No RF emission - all command and control payload data over secure tether
- MIL-STD-461 Compliance*
- GPS Jam/Spoof detect and mitigation*
- Open payload architecture which future-proofs the system

*Indicates feature coming soon

DESIGNED FOR RADIOS
UNPARALLELED SITUATIONAL AWARENESS

SEEK THE HIGH GROUND

ATAK integration

Multiple Payload Capacity

DESIGNED FOR INTEGRATION

- Field-swappable open architecture payload bay
- Communications relay devices integrated as variable height antenna extends range by dozens of miles/km
- Flying continuously, uninterrupted, wireless communications ready for front line needs
    - Persistent Systems MPU5 MANET
    - Silvus StreamCaster MN-MIMO/MANET
    - TrellisWare TSM/TSMX MANET
    - L3 Harris PRC-163; PRC-161
    - goTenna ProX
- Custom payload integrations available
- Compatible with various ISR payloads
    - Logos Technologies MicroKestrel WAMI
    - NextVision Raptor EO/IR
- API / SDK available for integration
- Handheld tablet and/or network control

HOVERFLYTECH.COM   **407-985-4500**