



# HoverLite

Tactical Tethered Hovering  
Aerial ISR System

# HoverLite



- **HoverLite** is a tactical tethered hovering aerial ISR system providing exceptional observation and surveillance capabilities
- **HoverLite** supports Military, Homeland Security and Civilian missions, including surveillance, border patrol, crowd monitoring and emergency rapid response missions.
- Rising to heights of 165 ft. in 15 seconds, **HoverLite** is secured by a tether providing power and bi-directional signals to and from the aerial platform and its sensor
- Can be operated on the move
- Broadcast ISR products to users on the network
- The stabilized platform is capable of carrying any payload of up to 13.2 lbs.
- With its compact base unit, **HoverLite** is suitable for a wide range of small platforms: pick-up trucks, ATVs, UGVs/USVs (unmanned ground /surface vehicles), boats, communication vehicles, etc.

## Platform Diversity



## Technical Specifications

- Maximum hover height: 165ft
- Deployment time: 15 seconds
- Wind Limit: 25 Kts ~ 28.8 MPH
- T-STAMP-ER electro-optical stabilized gimbal payload:
  - Stabilization at the nadir by 3-gimbal system
  - GPS aided IMU on LOS provides target geo-location
  - Day Channel
    - Continuous optical zoom (X20)
    - Horizontal Field of View: 2° to 40°
  - Thermal Camera
    - FPA 640x512 pixels, 15μ pitch
    - Horizontal Field of View: 3° to 22°
    - Continuous optical zoom
  - Laser Pointer

