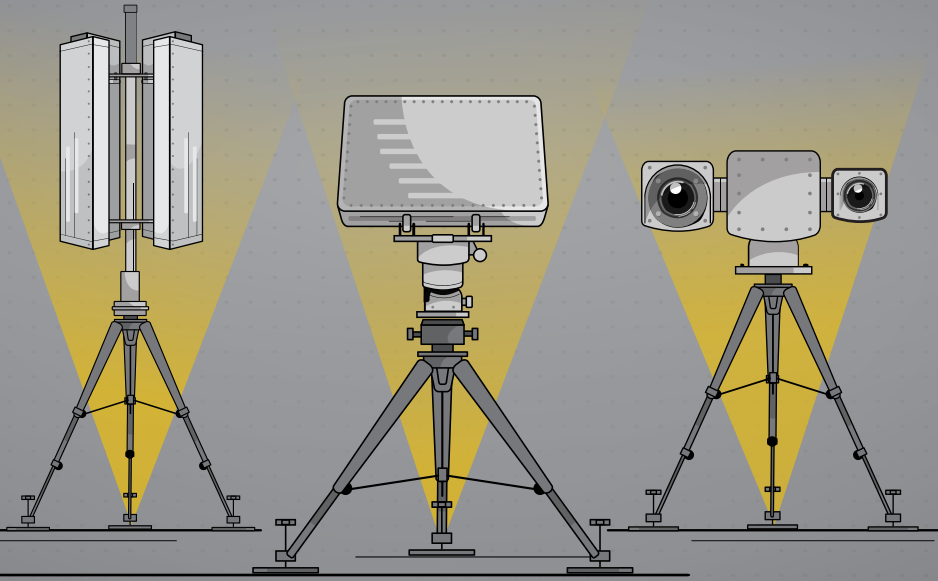


Know Your Airspace™



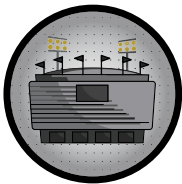
SKYLIGHT SOLUTION

Detect, track and classify moving objects in your airspace.

The rapidly expanding capabilities of drones presents a growing opportunity for multiple markets. Small, unmanned systems (sUAS) can be used for dozens of applications including real estate, cinematography, agriculture, emergency management, and infrastructure inspection. This proliferation presents unique challenges for safe sUAS integration and protecting people and infrastructure from drone incursions.

Gryphon Sensors' Skylight system offers a solution to both. We use multiple ground-based sensors to detect cooperative and non-cooperative targets in the airspace, providing intelligent situational awareness for integration and security.

DRONE SECURITY



Stadiums



Airports



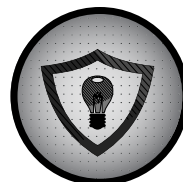
Prisons



Theme Parks

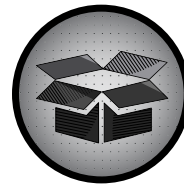


Critical Infrastructure



Intellectual Property

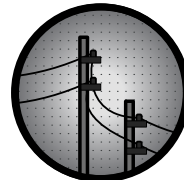
SAFE UAS INTEGRATION



Package Delivery



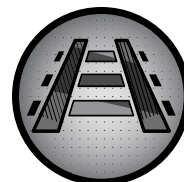
Precision Agriculture



Power Line Inspection



Entertainment

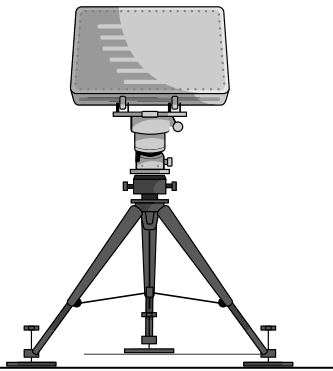


Railroad Inspection



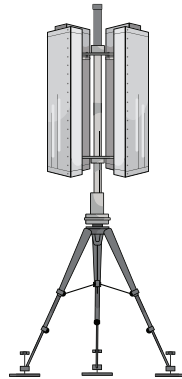
Mapping/Surveying

SKYLIGHT SYSTEM MULTISPECTRAL SENSORS



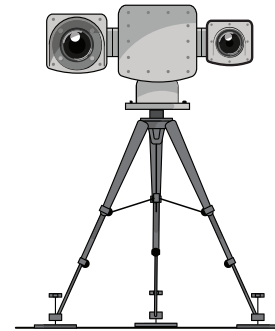
R1400* - PRIMARY RADAR

- Large area, precision surveillance
- Drone security and Detect & Avoid applications
- 10km (sUAS), 27km (General Aviation)
- Low false alarm rate
- Low size, weight and power (SWaP); man transportable



SPECTRUM SENSING (S2)

- Fast target acquisition
- Strong positive confirmation for targets of interest
- Provides line of bearing
- Up to 5km detection range
- Up to 360° coverage



SLEW-TO-CUE CAMERA

- Visual Target Identification
- Optical Tracking
- Thermal and EO lenses
- 3km detection range
- 360° Pan Rotation
- 180° Tilt Rotation

SKYLIGHT FEATURES

Skylight fuses multiple technologies to provide the most comprehensive, clear airspace picture.

- Small footprint, lightweight and low power radars designed specifically for precision detection of low flying small UAS
- Broadband, passive spectrum RF monitoring used to confirm target types
- High resolution, slew-to-cue, optical tracking cameras used to get eyes on target
- Receives ADS-B Data
- Built-in target tracking and classification to quickly identify both cooperative and noncooperative targets
- Ability to track hundreds of targets simultaneously for total situational awareness
- Flexible, and reliable, 24/7 operation in all weather conditions and terrains
- Automatic data recording with playback for improving performance over time and providing data for legal action
- Flexible interface that integrates with 3rd party sensor inputs
- 10km detection range for small UAS provides low cost per square mile and greater response time

GRYPHON SENSORS

7351 Round Pond Road | North Syracuse, NY 13212

To order Skylight, call: (844) 570-4947 | inquiries@gryphonsensors.com
www.gryphonsensors.com

*This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.