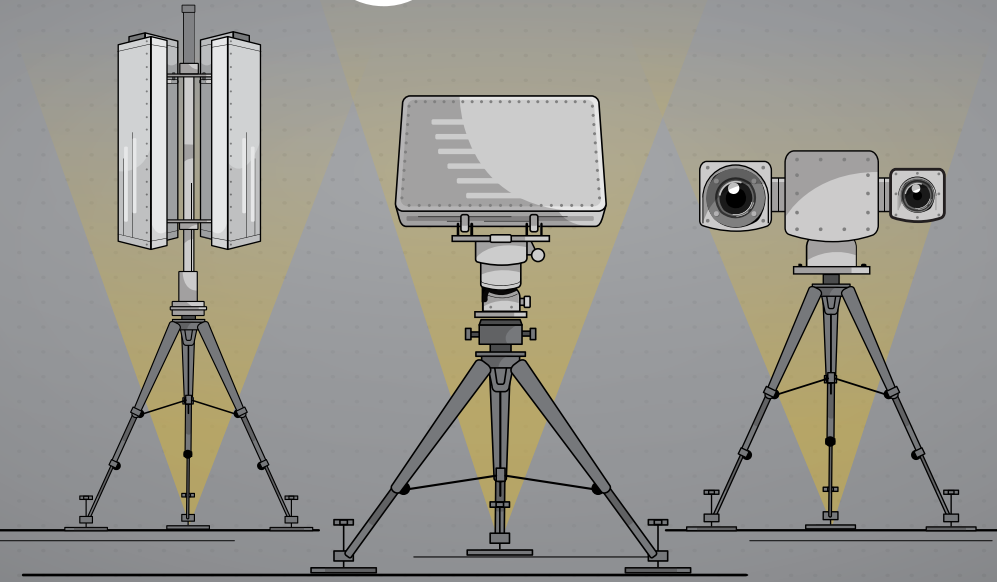


# Know Your Airspace<sup>®</sup>



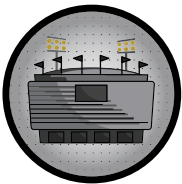
## Gryphon Skylight<sup>®</sup> System

Detect, track and classify moving objects in your airspace.

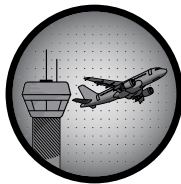
The rapidly expanding capabilities of drones presents a growing opportunity for multiple markets. Small, unmanned aircraft systems (sUAS) can be used for dozens of applications including real estate, cinematography, agriculture, emergency management, and infrastructure inspection. This proliferation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

SRC Inc's Gryphon Skylight system offers a solution to both challenges. 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



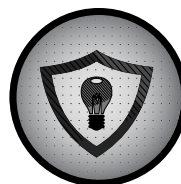
Prisons



Theme Parks

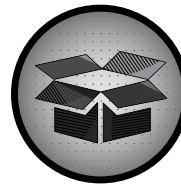


Critical Infrastructure



Intellectual Property

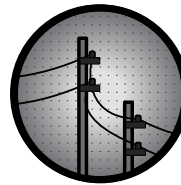
### Safe UAS Integration



Package Delivery



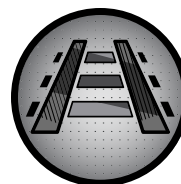
Precision Agriculture



Power Line Inspection



Entertainment

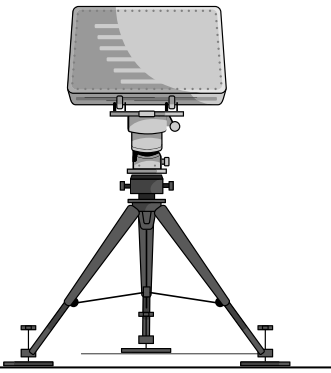


Railroad Inspection



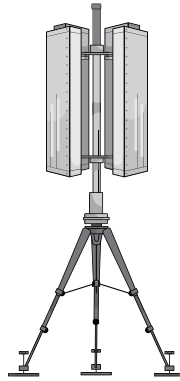
Mapping/Surveying

# Gryphon *Skylight* System Multispectral Sensors



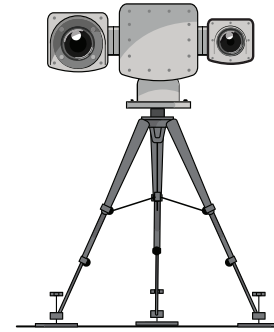
## Gryphon R1400 Radar

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



## Gryphon S1200 Spectrum Sensor

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



## Slew-to-Cue Camera

- Visual target identification
- Optical tracking
- Thermal and EO lenses
- 3 km detection range
- 360° Pan rotation
- 180° Tilt rotation

## Gryphon *Skylight* System Features

The Gryphon *Skylight* system fuses multiple technologies to provide the most comprehensive, clear airspace picture.

- Small footprint, lightweight and low power radar 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 non-cooperative targets
- Ability to track hundreds of targets simultaneously for total situational awareness
- Flexible, 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 3<sup>rd</sup> party sensor inputs
- 10 km detection range for small UAS provides low cost per square mile and greater response time