



SECURING YOUR PERIMETER USING SOUND

From the developers of **GroundAware®**, Dynetics has created **SoundAware®**, a new and advanced acoustic perimeter security system.

SoundAware was originally developed for the military to defend soldiers and sensitive locations from enemy drones. The military-grade hardware and advanced signal processing in **SoundAware** result in far greater performance than other acoustic sensors in even urban environments and allow for long-term, all-weather installations with no regular maintenance.

Why Sound?

Drones and other unmanned systems are a new and growing threat. Their small size enables them to enter sensitive areas and watch or deliver items without being noticed. In many cases, other sensors—like infrared or visible range cameras and even radar—fail to detect them. However, drones make unique sounds while flying. **SoundAware** is designed specifically to listen for these sounds, and can detect approaching drones well before security guards and other systems are able. Take a look at how **SoundAware** can secure your perimeter.

- 24/7 monitoring of a 360-degree area with a single sensor
- Detects multiple simultaneously approaching drones
- Determines the directions of approaching drones
- Cues cameras and other security systems to the approaching drones
- Sends alerts to security and other systems on detection
- Enables countermeasures, evidence collection, tracing flight paths to pilots' locations
- Military-grade hardware for all weather needs
- Ideal for rural and urban areas
- Low to no nuisance alarms

SoundAware can be used with other radar sensor systems to create robust, multi-layered security. With the integration, **SoundAware** can direct a number of responsive actions including pointing cameras to drones and other intruders, triggering security lights, and pushing alarm data to a police dispatching system.

OVERALL AND PERFORMANCE SPECIFICATIONS

- Passive system listens for approaching drones
- Detection range/distance: DJI Phantom at >550 yards in any direction
- Web-based user interface, iOS/Android compatible
- Long-term, all-weather use with no regular maintenance
- Integrates for a multi-layer security system with visible/IR cameras, RF, radar, and other surveillance assets, including **GroundAware®**
- Ethernet connectivity
- 110Vac electrical power, 15 watts



For more information about **SoundAware**, visit www.dynetics.com or contact a business development representative.

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