

DEPLOYABLE CONFIGURABLE SURVEILLANCE



PORTABLE AND CONFIGURABLE AUTONOMOUS FORWARD
OBSERVATION AND COVERT SURVEILLANCE SYSTEMS

KEY FEATURES:

- + Autonomous Surveillance
- + Lightweight – Single Backpack
- + Fast and Easy to Deploy
- + Multi-Sensor System – Passive Modes Available
- + Cost Effective
- + Fast and Automated Target Classification
- + Easy to Integrate in C2

KEY CAPABILITY UPGRADES:

- + AI-Driven 4D Radar
- + AI-Driven Acoustics
- + Battery Power
- + Vehicle Installation Kits

Automated alerts with AI classification ensure the operator is only distracted when a threat is present. Detections and alerts are streamed out to a handheld tablet, and data can output to other systems via SAPIENT, Asterisk etc.

Vision Guard can be configured with combinations of active and/or passive sensors to suit the mission, with state-of-the-art video image processing and additional 3rd party sensors including the best-in-class 4D EchoGuard Radar, Squarehead Discovair acoustics and RF available.

Vision Guard View

The Vision Guard View HMI is an intuitive and simple to use operator interface with touch screen functionality, providing a situational awareness visualisation.

The Vision Guard View software is an application which presents the tracks from the deployed sensors, with the live panoramic view and an HD-resolution close-up view of any selected target.

Vision Guard Panorama Module

The Vision Guard Panorama Module offers a clear 112°x 56° daylight and low-light ultra-high resolution colour panorama image, complementing the other sensors with a passive automatic detection and tracking capability.



Radar Sensor: Echodyne EchoGuard

The EchoGuard® multi-mission surveillance radar is a market-leading high-accuracy 4D radar (Azimuth, Elevation, Range and Velocity measurement) with high-performance ground and air surveillance.

The EchoGuard is an ultra-low size, weight, and power (SWaP) module with active accurate beam steering ESA radar, ideal for man-portable, rapid deployment applications. It is the best compact radar for mission-critical detection, tracking, classification, identification, and targeting.

Acoustic Sensor: Squarehead Discovair G2

The Discovair G2 has a small footprint - both in size, weight and power, well suited to special forces' operations. The system provides an easy-to-use passive drone detection capability, against any UAS target.