

Safer Skies with GuardianEye

Providing the complete solution for CUAS and BVLOS applications.

Introducing the GuardianEye by Seamatica Aerospace. Ltd. - the complete manned and unmanned airspace management solution.

GuardianEye integrates information from multiple sources, including Radar, Mode C/S and ADS-B to form a complete picture of the airspace in an area, by detecting and tracking cooperative, semi-cooperative and non-cooperative UAS and manned aircraft targets.

Equipped with advanced Smart Voice Guidance, the built-in Safety Management System provides a user with warnings to help deconflict the airspace and avoid potential collisions between manned and unmanned traffic or identify non-cooperative intruders (either UAS or manned).



FEATURES

- *Portable, Fast , Simple Setup*
- *Reconfigurable for Various Missions:*
 - *CUAV*
 - *BVLOS UAS Operations*
- *Smart Voice Guidance*
- *Simplified User Interface*
- *Output Available for Pan-Tilt Tracking Unit for ancillary sensor (e.g. electro optical) or RF antenna pointing*
- *Automated Detection and Tracking of Targets*
- *Advanced Built-in Ground Clutter Enables Use in Urban Environments*
- *Integration of Mode C/S and ADS-B for tracking of cooperative and semi-cooperative aircraft*
- *Custom Configurations Available – Call us for more information!*

SPECIFICATIONS

Radar Target Detection Range

- *10 NM (small manned aircraft)*
- *1.2 NM (small COTS drone)*

Mode C/S & ADS-B Detection Range

- *250 NM under ideal conditions*

Weight

- *8 kg (Radome)*
- *35 kg (Main Processing Unit)*
- *25 kg (Field Desk + Accessories)*
- *23 kg (Stand)*

Power Consumption

- *< 400 Watts*



CONTACT

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