

E-UGS

Expendable Unattended Ground Sensors

ARA's military grade E-UGS seismic sensors, which deliver intrusion alerts over long distances have been upgraded for border protection and commercial security settings.

About the size of a coffee cup, the battery-powered E-UGS sensors require no mesh networks and deliver up to 6 months of battery life. These concealable unattended ground sensors deliver detection of footsteps or vehicular traffic to a control station located many miles away.

The next generation E-UGS 2000 model is simple to employ and is now available for export without ITAR restrictions.

- Military grade – battlefield proven
- Quickly add intelligence to perimeters
- Easy to install and concealable
- New E-UGS 2000 model not subject to ITAR export controls

Whether you are looking to secure critical infrastructure, monitor borders, remote locations or make your security fences intelligent, the E-UGS 2000 delivers a capability that was previously only available to the military.

Delivers detection of footsteps or vehicle traffic to a control station many miles away for local response or internet relay.

Contact us for more information about commercial pricing, use cases, and to discuss your security goals. E-UGS can also be integrated with other ARA surveillance technology such as our RAPID ground radar system, Nighthawk Micro UAV or IBDSS, our intelligent site security software solution.



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E-UGS | Product Specifications

WHY E-UGS?

The E-UGS 2000 system is new to the marketplace. There is now an affordable and fast to install option for monitoring of remote locations, secure perimeters and critical infrastructure without the need for external power or network connection.

OPTIONS

Sensor kits can be ordered with or without a base station computer and in varying quantities. Alert data can be displayed on base station computer and/or sent to smartphones. Sensors offer up to 6 months of runtime on internal batteries. A “slew to cue” capability is available, which integrates E-UGS with RAPID cameras or “fly to cue” that can launch a Nighthawk to the alert location for aerial eyes on target. E-UGS can operate as a standalone system or as a key element of our Integrated Base Defense (IBDSS) site security software solution. Contact us to discuss your application.

DIMENSIONS

2 ¼” H X 2 ½” W plus a 2 ¾” antenna (about the size of a coffee cup).
Each sensor weighs approximately 11 ounces.

PERFORMANCE

Suitable for environments -25F to 158F
Waterproof and dustproof
Run time 6 months +/-
Able to decipher between foot and/or vehicle traffic
Data compatible with Android operating system

REVIEWS

“We’re absolutely confident that when alarms do occur we’ve just been informed of an intrusion. Sensor placement also tells us where the traffic is moving and where it is going.” – US/Mexico Border Rancher

DEPLOYMENTS

Over 40,000 first generation E-UGS sensors have been delivered to the U.S. forces. Recently incorporated is a “slew to cue” capability allowing high power day/night cameras to monitor activity alerted by the sensors automatically. E-UGS 2000 sensors have been recently deployed along the U.S. Mexico border as well as at storage facilities in the Southwest.



Available as a standalone system or installed on your computers



Choose your sensor quantity

Military grade E-UGS is subject to International Traffic and Arms Regulations (ITAR), requiring a U.S. Department of State license to export. The E-UGS 2000 model is not subject to ITAR.



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