



## E-UGS SYSTEM 2000 Operation

November 11, 2013

The E-UGS System 2000 includes multiple E-UGS sensors, a base station receiver, software, cables, an antenna and assorted hardware for mounting the equipment. The E-UGS system is a near real-time situational awareness tool that is simple to deploy, operate and transport. The E-UGS sensors are small, easy to conceal and low cost. After detection, the report signal is wirelessly transmitted via ARA's patented Extended Range Radio Frequency (ERRF) link. This unique radio link ensures that the sensor reports can be transmitted over unprecedented long ranges directly to the compact base station receiver. This eliminates the need for repeaters or mesh networks. The E-UGS system is applicable to security applications to include reporting activity along roads, paths and borders, around perimeters and in sparsely occupied areas including rugged outdoor environments.

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