

# TV/ATG

## ATG SEISMIC UNATTENDED GROUND SENSORS



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#### General Features

The ATG seismic unattended ground sensor (UGS) system combines an innovative, rapid-deployment design, exceptional power efficiency and accurate target detection and classification with intelligent wireless networking.

Our sensors will reliably detect and classify people and vehicles, filtering out false alarms, and can be easily integrated with remote cameras and wireless surveillance hubs to form a complete integrated surveillance solution for visual confirmation of targets.

Weighing less than 0.45kg and with an ingenious screw-in design for ease of use, our sensor nodes are portable, redeployable and designed to ensure optimal contact with the ground for exceptional seismic - sensing performance.

Our innovative power- efficient wireless platform also has the intelligence to adapt if one node is put out of action. The platform will simply self - heal.

As part of an integrated surveillance platform, unattended ground sensors (UGS) can provide a cost - effective alternative to conventional measures, especially on sites where perimeters are in extreme locations or constantly changing.

ATG's seismic-sensing algorithms have been extensively tested and tuned to provide class-leading false-alarm rates.

ATG includes mesh-only nodes that allow third-party sensors, such as passive infrared-PIR's, ultrasound or magnetic anomaly, to be included in the sensor field. This provides maximum flexibility to utilise the right mix of sensors for each deployment within a common environment.

Alarm rules operating across the sensor network can be applied to reduce false-alarm rates to near zero for many applications.

