

I-WARN



Intelligent Watchdog with Autonomous Recognition and Networkability

www.isl.eu

The UGS* I-WARN is a stealth electronic sentinel providing an active surveillance for making situational awareness much easier!

Powered by its parallel ISL artificial intelligence core, I-WARN detects any changes in its field of view, analyses the situation for pertinent events and, when relevant, broadcasts only a short coded message. Events are tagged and stored locally for high-level analytics.



Alerted in a safe position and ready to react

I-WARN can be remotely queried and configured by user-defined long/short-range communication modules.

* Unattended Ground Sensor

Advantages

- Automated calibration process
- Passive activity measurement
- Autonomous detection
- Low-cost
- SWaP optimised : 190 x 72 x 72 mm³
- IP65 ready
- Reduced bandwidth requirements
- Very low electromagnetic signature
- Real-time threat reporting to the C2
- Security increase, reduced human workload
- Live video streaming on user request
- Stealth mode: local event database

Technical features

- Internal battery: 7 hours autonomy, extendable with an external battery
- Low consumption: < 4 W
- GPS, accelerometer, compass
- Onboard data storage
- Gigabit Ethernet, GSM, WiFi
- Multi-connection support
- Two versions available:
 - Visible: 400 nm–900 nm
 - Infrared: 8 μm–14 μm
- Evolving structure: OEM version available

Applications

- Intelligence
- Area surveillance (FOB, etc.)
 - Drone detection
 - Intruder detection, etc.



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