

Revector IMSI Catcher UAV/UAS Payload

Ubiquitous, Accurate, Versatile, Powerful

UAV 2 Channel (2G), UMTS (3G), LTE (4G) IMSI Catcher

Revector Detector IMSI Catcher is a proprietary patent pending Military Standard 2G, 3G, 4G native SIM enabled device detection, identification tracking and manipulation system.

Revector's active payload module is designed for use across multiple unmanned aerial vehicles (UAV). The product has been designed for lightness, robustness and reliability to work in extreme environments. Each system contains a dual radio SDR that can be run simultaneously, all with network capability extracting mobile subscriber identities (IMSI) and taking control.

Revector Detector establishes a new mobile phone cell site, encouraging any GSM, UMTS, LTE device in range to connect to Revector Detector cell. Once connected the Revector Detector operator can execute many different features on the target. For example, Revector Detector, can force targeted 4G devices down to specific 3G cells and down to specific 2G cells, extract GPS location, block specific targets, drain target battery, direction find via silent call, all native on 2G, 3G, and 4G with many more features.

UAV 2 Channel Payload Main Features

- Tactical mapping for immediate location
- Active route mapping
- Redirect target device to GSM/UTMS/LTE
- Each channel offers 5W at 2G, nominal 1W 3G/4G
- Record all IMSI, IMEI and TMSI information
- Spoof inbound SMS or call to captured target phone
- Monitor outbound SMS or call attempts
- Alert on predefined suspect IMSI or IMEI
- GPS location and time date stamp for all data
- Silent Call / Direction Finding on all technologies
- Selective jamming (denial of service) target devices
- Central Control management via UAV uplink
- Distance information on target UE
- Emergency call override
- Voice channel to target device

UAV Payload Specification - Dual Radio

- Size: 200 x 195 x 53mm.
- Weight 1.2Kg
- RF output power – Up to 3 Watts per channel- 2G – 3W, 3G – 1W, 4G 0.75W
- Dual radio, flexible use, any mix of worldwide bands,
- Receiver Sensitivity <-120dBm
- Customised antenna array for each UAV
- 400Mhz-3Ghz SDR radios
- GPS Tracking
- Operating 0°C to 55°C, 12V DC, <40 Watts
- Power supply – UAV or standalone
- Optional full TAC database, with over 200,000 (IMEI)



GSM IMSI & Wi-Fi Intelligence

Identifying and locating sim enabled devices

UAV 2 Channel (2G), UMTS (3G), LTE (4G) IMSI Catcher

The smallest, lightest and highest performing IMSI and Wi-Fi Grabber technology on the market.

Combining telecommunications experience and enhanced patent-pending technology to provide ultimate performance

Supporting:

Border Control, Homeland Security and Critical Infrastructures

Anti-poaching, Law Enforcement, Prison Services

Military, Government Agencies and Regulators

Search & Rescue and Natural Disasters

Providing ruggedised field hardened fully mobile solutions

Vehicle, Motorbike/Bicycle applications

Backpack, Covert Mobile applications

UAV/UAS applications

Fully operational solution straight out of the box

Plug and play approach with user intuitive fast start operational interface

