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IMSI DETECTOR FAMILY



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IMSI DETECTOR UAV



*Example of the integration onboard of a Fixed Wing eVTOL UAV

These sophisticated systems can be deployed both from the air and on the ground, making them versatile mission solutions for a variety of operational contexts. Capable of swiftly pinpointing the locations of SIM-enabled target devices, the Detectors excel in challenging environments where traditional tracking methods may falter. This includes scenarios with no available network coverage, adverse weather conditions, and complex geographic landscapes, ultimately saving valuable time in critical situations.

Designed with low Size, Weight, and Power (SWaP) specifications, these systems not only offer accurate device localization but also come equipped with advanced features which can enhance the ability to gather intelligence and insights. Collectively, these elements make the Detectors an indispensable tool for agencies and organizations requiring reliable mobile device tracking solutions.

| | |
|------------------------------|---|
| Size | 230 x 200 x 48 mm |
| Weight | 1.4 Kg |
| RF Output | 5W per channel |
| Channels | 2 channels |
| Input Power | Integration with UAV Power or separate RPS module (Power and comms) |
| Interfaces | 2*Tx, 2*Rx, 1*GPS |
| Connectivity | Ethernet |
| Cooling | Air-cooling |
| Frequencies Covered | Worldwide frequencies between 400MHz and 3GHz. (Bands 1,2,3,4,5,7,8,10,12,13,14, 20,25,26,28,38,40,41,65,66,71) |
| Operating Temperature | -15°C to 65°C, software contains threshold limits |
| Encryption | Secure WebSockets (WSS) with TLS/SSL AES 256 protocols |
| Data | Stored locally on controlling PC, no data stored on Detector |

- **Low SWaP**, portable, easily deployable units
- **High RF transmission** output power
- **Multichannel** as standard, covering more networks simultaneously
- **Cost-effective** solutions for multi deployment
- **Network and swarm** modes providing more coverage
- **Worldwide frequencies** covered on each unit (2G, 3G, 4G and 5G NSA)
- **Pinpoint device location** live via offline and online mapping options
- **Encryption** provided to a high level of security



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IMSI DETECTOR MPS



*Man Portable IMSI IMEI Detector

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| | |
|------------------------------|---|
| Size | 370 x 235 x 125 |
| Weight | ~12Kg |
| RF Output | 5W per channel |
| Channels | 4 channels |
| Input Power | 3 x 28v LiPo batteries |
| Interfaces | 4*Tx, 2*Rx, 1*GPS, 1*WiFi |
| Connectivity | Ethernet or WiFi (2.4 and 5GHz) |
| Cooling | Directed fan cooling |
| Frequencies Covered | Worldwide frequencies between 400MHz and 3GHz. (Bands 1,2,3,4,5,7,8,10,12,13,14, 20,25,26,28,38,40,41,65,66,71) |
| Operating Temperature | -15°C to 65°C, software contains threshold limits |
| Encryption | Secure WebSockets (WSS) with TLS/SSL AES 256 protocols |
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