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JAMMING SYSTEM





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PORTABLE IMSI CATCHER

C4I - ATIC-234-01



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PRODUCT DESCRIPTION

In order to meet the needs of the technical investigation work of the public security departments and security departments, it is necessary to obtain key information of mobile phone users in the designated area. IMSI Catcher is a mobile phone information collecting product, which combines advanced technologies in the field of wireless communication, is a set of police equipment tailored to find criminal suspects for the investigators from security departments.

The IMSI Catcher mainly uses wireless communication means to collect information from the target mobile phone without affecting the user's normal communication, especially in high-way entrance and densely populated cities, the role of this product is particularly prominent. It combines with the related GSM/UMTS/LTE wireless communication protocol, after turns on the device to scan the nearby commercial network base stations to obtain system parameters, and then configures its working environment according to the system parameters, it will actively send out signals, and lures nearby mobile phones to register to the IMSI Catcher, then the IMSI numbers are captured and saved in the equipment.

FEATURES

- ▶ Support IMSI, Date and Time, TIMSI, IMEI, Handset model, RSSI collection function for mobile phones in all frequency bands
- ▶ SON, configure frequency/perturbation, start mode automatically
- ▶ Handle multiple BTS simultaneously, detecting minimum 5 IMSIs per second
- ▶ Real time update of data in IMSI database with an easy access through web interface or application
- ▶ Support wireless backhaul via WiFi
- ▶ The management platform supports the status view, device management, and maintenance of equipment, collision analysis, resident population analysis, IMSI accompanying analysis, suspect trajectory analysis, blacklist editing and blacklist alarm; and database export to excel format based on selection of desired time span



TECHNICAL SPECIFICATIONS



| Items | Specifications | |
|--|---|------------------------|
| System Standard and Working Frequency Band | 2G | B3(1800)&B8(900) |
| | 3G | B1(2100)&B8(900) |
| | 4G | B3(1800)&B41(TDD-2600) |
| Supported Operators | All Operators | |
| Working Mode | Active | |
| Max Output Power | 10W per Band(Customized) | |
| Adjustable Range | 0~10 dB with 1 dB step | |
| Receiving Sensitivity | ≥-104dBm | |
| Adjustable Range | 0~10 dB with 1 dB step | |
| Receiving Sensitivity | ≥-104dBm | |
| Coverage Area | <300m(It Depends On the Environment) | |
| Capture Mode | Instant capture and timing repeat capture of the IMSI | |
| Capture Release Duration | ≤ 3 S | |
| Synchronization | GPS Synchronization, Air Interface Synchronization | |
| Synchronization Precision | ≤ 0.1 ppm | |
| RF Performance | Comply with 3GPP | |
| RF Connector | N-Female | |
| Power Supply | AC220V or UPS | |
| Temperature Range | -20°C ~ + 50°C | |
| Relative Humidity Range | 0 ~ 95% (Non Condensing) | |
| Application | Indoor (IP30) | |
| Installation Type | Suitcase | |





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