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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	$\geq -104\text{dBm}$	
Adjustable Range	0~10 dB with 1 dB step	
Receiving Sensitivity	$\geq -104\text{dBm}$	
Coverage Area	<300m(It Depends On the Environment)	
Capture Mode	Instant capture and timing repeat capture of the IMSI	
Capture Release Duration	$\leq 3\text{ S}$	
Synchronization	GPS Synchronization, Air Interface Synchronization	
Synchronization Precision	$\leq 0.1\text{ ppm}$	
RF Performance	Comply with 3GPP	
RF Connector	N-Female	
Power Supply	AC220V or UPS	
Temperature Range	$-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$	
Relative Humidity Range	0 ~ 95% (Non Condensing)	
Application	Indoor (IP30)	
Installation Type	Suitcase	





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FOR MORE INFORMATION: contact@c4icommunication.com or +1 (302) 981.1340