

DATA SHEET

2G 3G 4G IMSI Catcher

ST-321334

Introduction

The mobile phone full-frequency code detection system is a product specially developed for public security and national security and other investigation departments. It can control certain key areas and use technical means to collect mobile IMSI (international mobile subscribe identification) without notice. The identification code, the unique correspondence with the SIM card mobile phone number, IMEI, locatic and time information are analyzed through the back-end software system and compared with the blacklist to determine the specific location of the suspect and bring more accuracy and accuracy to the investigation work. It is the convenient means for solving crimes case.



System Parameter

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| Working System | GSM900 DCS1800 LTE_Band3 LTE_Band7 WCDMA_2100 |
| Transmit Power | 10W /BAND (Factory Default) |
| Carrier Combination | GSM900 3 carriers, DCS1800 1 carrier, LTE_Band3 2 carriers, LTE_Band7 3 carriers, WCDMA_2100 1 carrier |
| ACPR | -40 /-50dBc |
| EVM | ≥6% |
| Out-of-band spurs | Meet the 3GPP protocol regulations |
| Receiver sensitivity | -104dBm |
| Receiver dynamic range | -30dbm ~ -104dbm |
| Coverage | 500 meters (related to wireless environment and transmission power) |
| Capture peak rate | 800 groups / min / carrier |
| Antenna and interface | omni/directional (optional) |
| Capture interval | Can be set (3 minutes ~ 12 hours) |
| Data transmission | 3G network/network cable (optional) |
| Electrical characteristics | |
| How to use | Fixed installation |
| Power Characteristics | 220V |
| Maximum Power consumption | 300W (Full Frequency Dynamic work) |
| Degree of protection | Outdoor waterproof, dustproof, protection grade IP65 |
| Net weight | 28kg; |
| Material | Die-cast aluminum; |
| Structure | Fully enclosed cavity passive heat dissipation; |
| External interface | Ethernet port, power port, RF antenna port, return antenna port, GPS antenna |
| Radiation value out of the box | Limit 56 dB (uV/m); |
| Closed box radiation value | Conforms to the 60dB (uV/m) stipulated in GB9254 "Limits and Measurement Methods of Radio Disturbance of Information Technology Equipment" |
| MTBF, (mean time between failures) | MTBF ≥200,000h |
| Operating temperature and humidity range | Operating temperature -40 ~ 55°C Storage ambient temperature -45 ~ 85 °C Relative humidity 10 ~ 95% |
| Working bandwidth | 5M, 10M can be configured (factory default 5M) |
| Size | 513*465*235mm |