Synway®

Synway Mobile Catching System

- Compliance with Diverse Networks
- Support GSM/CDMA/UTMS/LTE/WIFI
- Catch IMSI(2G/3G devices), ESN(CDMA devices), Time, MAC

With 20 years of experience in security industry, Synway's mobile/Internet data catcher supports various mobile network protocols, including GSM/CDMA/UTMS/LTE/WIFI networks. It is able to catch ID of mobile terminals, such as IMSI(2G/3G devices), ESN(CDMA devices), Time, MAC address, time and other ID-related details effortlessly in the work range.

Working on active mode, Synway's catching systems fit to different situations and cater to various customers' needs well, for instance inside or outside, mobile or static, long or short-term installation .It features easy of use, high security and portability, high catching rate and accuracy in catching data for any extreme environment. It perfectly matches over-demanding needs for public security and governmental agencies worldwide.

The catching device could seamlessly bridges with the intercity systems to build up powerful and intelligent security systems, which meet demands for surveillance, precaution, alert, analysis and otherapplications, such as public security, informationanalysis of traffic points, as well as efficientdata base for routine case handling.

Main functions

- **Diverse ways of catching data**

Through diverse ways for collecting information, including IMSI, IMEI, ESN, time, MAC address, etc, the catching systemcould collect dataquickly and accurately, and the catching rate is up to 98%;

- **Intelligent Terminal Catching**

Manual mode and auto mode are available fornetwork catching and frequency setting,regarding to different application environments. Based on default data, alarm or automatic parameter optimization are provided;

- **Intelligent Dispatching**

The intelligent dispatching system simplifiesmanpower involvement, and improves operational efficiency. Support default mode for automatic arranging all tasks, such as time-basedparameter adjustment, scheduled switch on/off, periodic scanning;

- **All-round Monitoring & Alarming**

A complete range of monitoring and alarm modes, including temperature and humidity alarm, power-off alarm, illegal distance alarm, RF Off alarm, target alarm and more, ensuring system working in7 * 24*365;

- **Hi-efficiency Data Analysis**

The console processes catching data, implements data query,time-based data benchmarking and other functionalities. The system can export catching data, including BTS paranoia, geographic information, etc., to facilitate benchmarking between newly catching and backend data;

Key advantages and values

- **Hi-Compatibility**

Support TDD/FDD/GSM/CDMA/WCDMA/TD-SCDMA/WIFInetwork protocols, adopt active mode to catch data, to meet different environments and customer needs, and could be customized according to the personalized needs of users;

- **Ease of use**

Multiple types of equipments,including outdoor equipment, indoor equipment and portable equipment to fit to different application. The impact on the operator network is negligible, and all parameters could be set in advance.

- **Integrativeness**

Combined with inter-city system to be integrated security systems , including detection systems, telecommunications database systems, GIS systems and other existing systems, to meet diverse application needs.

- **Hi-speed catching**

Software and hardware technology ensure high reliability and 99.99% availability in a variety of complex environments, as well as high MTBF up to 100,000hrs;It proves that the catcherhas little impact on both operator network and subscribers;

- **Safety**

The systemfeatures concealment and high accuracy, besidesmulti-alarm functions, such as temperature, humidity, power failure, (prohibited) distance alarm, RF alarm, target alarm, etc.

- **Multifunction**

Multifunctional, including management, precaution, alarming, data catching and processing, query, query data re-processing, number translation, specific number analysis, basic analysis tool and logic analysis tool and more functions;

Technical Specifications

Products / Parameter	4G	WIFI	CDMA	GSM
Categories	Normal or Portable	Normal	Normal	Normal, Mini Portable
Networks	LTE	WIFI Networks	2G	2G
Protocols	TDD/FDD	WIFI	CDMA	GSM
Model	Active	Active	Active	Active
Frequency	Frequency supported by 4G	2.4G	CDMA Standard frequency	GSM Standard frequency
Operational Mode	N/A	N/A	N/A	N/A
Catching Efficiency	95%	N/A	95%	95%
Catching Rate	90%-100%	N/A	90%-100%	90%-100%
Work Range	0-1000m	200m	0-500m	0-1000m
Storage	>100M PCs	>100M PCs	>100M PCs	>100M PCs
Transmitting Power	Adjustable	N/A	Adjustable	Adjustable
Work Temperature	-30 °C~ 65 °C	20 °C~ 65 °C	-30 °C~ 65 °C	-30 °C~ 65 °C
Work Humanity	<90%	<90%	<90%	<90%
Power	200W	8W	120W	120W
MTBF	8000Hr	8000Hr	8000Hr	8000Hr
Safety	High	High	High	High