

DOMINATOR

GSM / UMTS / LTE IMSI / IMEI
PORTABLE SDR-BASED CATCHER

C4i
communication



Products skills

Our product range offers software and hardware solutions with following skills:

- Highly reliable equipment
- Modularity
- Autonomy
- Mobility (can be easily installed in all kind of vehicles e.g. car, boat, helicopter, etc.)
- Flexibility of construction (we offer tailor made solutions)

Restrictions

- All our systems are designed for governmental agencies and law enforcement groups only and need official government import authorization.
- All information from this document is strictly confidential.

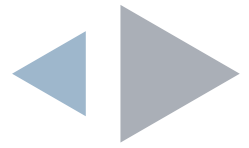
PURPOSE

The system is designed to collect basic identities (IMSI, IMEI) of mobile phones in the working area (airport terminals, prisons, etc.) regardless of the mobile standard.

The basic unit of the system is an SDR module which can communicate in any RAT: GSM, UMTS or LTE. It creates a fake BTS (Node) with the best operation parameters so that mobile devices in the area will connect to it. When the mobile phone tries to register with the Node, it reveals IMSI, IMEI identities and some detailed information about its communication capabilities. As soon as required information is collected by the catcher unit, the mobile phone can be released to the provider's network or passed onto our active monitoring system to collect more intelligence such as voice calls, SMS and packet data.

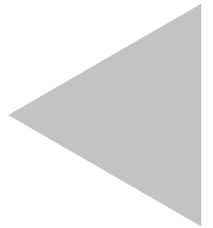
In addition, we also offer a software solution to make correlation analysis of IMSI / IMEI identities collected in different places and reveal actual target's identity.

This product is fully compatible with our GSM/UMTS/LTE Active Monitoring System. It can be used either as a stand-alone device or integrated into our other solutions.



FEATURES

- All-in-one box: switch between GSM, UMTS, LTE operation modes in a single click.
- Capable of broadcasting up to 2 cells with independent parameters simultaneously
- Detects GSM, UMTS and LTE mobile phones and collects their identities
- Collects IMSI, IMEI and TMSI identities of registered subscribers.
- Displays phone model, country of origin and network provider.
- Detect target's exact location using directional finder.
- Selectively forces mobile phones to GSM or UMTS operation mode.
- Selectively blocks communication of mobile phones.
- Detects actual target's identity using "target correlation" method.



TECHNICAL DATA

Frequency Bands

2G / GSM: 450,850,900 (P/E/R),1800,1900 MHZ
3G / UMTS: 1,2,3,4,5,8 FDD bands
4G / LTE:
1,2,3,4,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,23,24,
25,26,27,28,29,30,31,32
FDD bands

Emission Output Power

0.01 – 4 W per channel, 2 channels

Operation Range

GSM: up to 300m
UMTS: up to 150m
LTE: up to 90m

Connection

LAN, WLAN (extra module required)

Casing

Aluminum

Dimensions

230X150X40 MM.

Weight

2.8 KG.

Power

Supplied from 13V to 24V
with maximum power consumption 60W

