



ND-IG001 GSM Interception System is a wideband monitoring and interception system designed to monitor cellular communication systems, displaying information in real time as well as saving it for future analysis.

Basic Tasks:

- Wideband receiver monitors cellular network on 900/1800 or 850/1900MHz
- Create recorded communication sessions in Data Base
- Evaluate the current status in targeted zone, detect the registration of the BS stations and display their parameters
- Fast search and complex filtering by specified parameters of requested data from the records in Data Base
- Control of the system by remote terminal via Internet or LAN interface
- Decipher voice conversation, SMS messages & DTMF codes in real time
- Identify the communication sessions and registration for the parameters of the target phones
- Statistical and structural filtering and analysis of all the monitored results

Deliverables

R&D Unit (receiver and deciphering unit)	x 1
Control PC (in industrial case together with item 1)	x 1
Special Software	x 1
Cable	x 1
Set of Antennas (1 directional and 2 omni-directional)	x 1
"Engineer's" Mobile Phone	x 1
Tripod for Directional Antenna	x 1
Head Phone	x 1
User Manual	x 1

GSM Interception System

Basic Design	Digital Down Converter(DDC)
Frequency range	900/1800 or 850/1900 MHz
Switch from one frequency to another	≤0.0005 sec
Cracking time in A5.1 algorithm (Kc)	0.05 sec
Processing of incoming traffic	99%
Low power consumption	less than 800W
Power supply	220(110)V or 12V
Operating system	Windows-7
Working condition	In WAV format on any PC using standard software programs
Dimensions	343 x 432 x 241mm
Weight	16.5kg

Application:
Cellular Interception System