



Security Engineering Ltd.

EKMS 1700 - ELKAT GSM (5.2) - East

The ELKAT – G is a Passive Monitoring System for GSM phone voice, data and fax transmissions.

It allows the interception of GSM cellular calls by capturing off air radio transmission signal from the uplink and the downlink channels.

It is sophisticated and gives the operator the ability to listen to desired cellular phone conversations, as well as see SMS sent by other cellular phones.

It can also decode FAX signals due to its passive modes of operation, it can't be detected by the cellular phone operator neither by the cellular phone target.

The system can handle from 2 channels on a unit up to 48 per unit and more in the whole system.

Supported by a 12V input, gives the ELKAT – G the option to be recharged in a private car or with a small rechargeable battery.

Features

- * Modular Multi Channel
- * Target List of Numbers
- * Tracking by IMSI / IMEI and/Or TMSI Numbers.
- * Tracking by Fix Channel or By Random Channel Searching
- * Call Process Information – TMSI / IMSI / IMEI / Call ID, Cellular Numbers (Time And Duration Of Calls Are Displayed In Real Time).
- * SMS Messages
- * Distance Of Target From Base Station Is Shown In Meters
- * Transmission Power Is Shown In Watts
- * Off Link Processing
- * Input Ki Number for A5/1 Environment

Models

- 1) From 2 to 6 Channels in a Samsonite Briefcase
- 2) From 2 to 48 Channels on an Industrial PC

Special Requests and Future Features

- * Software Features Available On Request
- * MMS And G3 In Development
- * Different Encloses Can Be Manufactured On Request

**** Comes Packed In A Samsonite Briefcase for Your Carrying Convenience**



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Physical

Samsonite Weight – Approximately 8 Kg

Samsonite Size – 41 x 45 x 15 Cm

Industrial PC Weight – Approximately 15 Kg

Industrial PC Size – 45 x 43 x 18 Cm

Interfaces

Computer Type – First Line Brand Names

Connection to Receivers – RS232, USB

Power

Consumption – Approximately 1000mA

Supply Voltage – 12 V DC

Temperature and Humidity

Operating - -5°C To + 50°C / 10% To 90%

Storage - - 10°C To + 50°C / 5% To 95%

Protocol Supported

GSM Frequencies – 900 / 1800 / 1900 MHz

Encryption – A3, A8, A5/2, And A5/1

Receivers

Sensitivity – 50dBm

RF Input Impedance – 50 ohm

Audio Storage

Recording Compression – Propriety Standard

Capacity – Hundreds Of Hours On PC's Hard Drive

Supported Communications

Audio, SMS and Fax, MMS and G3 (soon)

