

Kit for Emergency GSM Communication

Whenever a disaster/catastrophe happens, many emergency forces and rescue teams are deployed to the affected area and many rescue systems are activated. Rescue teams that might be from different organizations and countries needs to be able to communicate freely and easily between them self and preferred in a very intuitive way.

In recent crisis situations such as in Haiti and Chile earthquakes or Pakistan floods (and many others) all communications channels collapsed and recovery of communication was a crucial task for rescue teams and people in danger.

EM-GSM system was especially designed as a disaster GSM emergency recovery kit and can be deployed in a very short time as an independent local GSM network.

The main target of the system is to provide rescue forces GSM VPN infrastructure for use by all authorized personal.

Being portable and lightweight the system provides major GSM features available in commercial networks.

The EM-GSM system is a light, transportable, independent, GSM base station that can be activated and operated by a single user in very short time. Its design makes the EM-GSM ideal for the support of tactical communications, public safety, homeland security, rescue teams, commercial communication providers, and other defense communications applications.



The system is available in 850 MHz, 900 MHz, 1800 MHz and 1900 MHz bands, supports Voice and SMS and can be expanded to support GPRS MMS and EDGE DATA connectivity.

The system operates like a commercial cellular network and is supplied with a set of pre-defined registered mobile phones. Such configuration is provided as a fast deployment kit allowing rapid establishment of an independent, autonomous, "regular" cellular communication that can be immediately used by the SAR forces, regardless of the status commercial networks.

In addition to the mobile phones provided with the system, the operator can define and register additional GSM phones that are allowed to use the system, regardless of the origin of their SIM.

System can operate with variety of power sources such as AC supply, generator, batteries, car supply etc and by that, it can be installed and operated in many types of configurations and environments (fixed installation, remote control configuration, transportable, vehicular, man pack).

System main capabilities:

- Light, transportable and modular design
- Few BTS can be connected locally or remotely
- Can serve pre configured mobiles (supplied with the system) or visitors mobiles
- Can connect mobiles from other networks that are active in the country

System main features:

- Up to 1000 IMSI HLR
- Up to 1000 IMSI VLR
- Each unit supports one RF channel
- Voice and SMS services and as option, MMS and DATA
- Call Holding, Call Waiting, Fast Dialing, Caller ID, Call Diverting etc
- Session Initiated Protocol (SIP) for external connectivity
- Up to 5 Watts Output Power with Omni antenna

For more details please visit our site: www.interceptors.com