



SEU-8610 REMOTE AUDIO MONITORING

VIA GSM NETWORKS:
ASIA, EUROPE, USA

Description:

The SEU-8610 GSM-based Audio Monitoring Unit is a remotely activated listening device based on the latest-generation GSM mobile cell phones.

The SEU-8610 acoustically monitors rooms or vehicles and can be called up and controlled from any location on Earth using conventional telephones or mobile cell phones.

Up to 8 objects or locations, each with its own microphone, can be simultaneously or individually monitored from a single SEU-8610. For special applications the wired microphones can be replaced by wireless microphones and their associated receivers, all controlled by the SEU-8610.

Along with this microphone switch-on capability, the SEU-8610 has a built-in alarm output relay, also activatable remotely by the calling party. Additionally, a built-in alarm input relay, when locally activated, has the SEU-8610 automatically call a pre-programmed number. The called party can then use microphone monitoring to monitor individual rooms or send a remote command depending on the tactical situation.

The SEU-8610 can be supplied as a dual or tri-band GSM Mobile with power provided by

a built-in accumulator and charger. For non-mobile applications the unit can be powered by a 115/230 VAC power adapter.

To prevent unauthorised callers from activating the unit, a White List of subscribers can be prepared. Only these are allowed to activate the SEU-8610. Passwords provide an additional level of security. The White List entries and passwords are defined using PC configuration software.

The SEU-8610 can be called using a conventional fixed network telephone or GSM mobile. The password and control commands are directly entered using the keypad of the telephone or GSM mobile.

Reconfiguration over the air (OTAR) allows operation according to the actual tactical situation without the necessity of physical access.

The unit is suitable not only for permanent monitoring of rooms or objects, but also for those monitoring tasks that have to be implemented quickly in an uncomplicated manner even in harsh environments.

Specifications:

| | | |
|--------------------------|----------------------------|---|
| 1. Transceiver | GSM/UMTS | Dual-Band: SEU-8610.030 (Asia, Europe) Tri-Band SEU-8610.040 (Asia, Europe) Tri-Band SEU-8610.050 (USA, Europe) |
| 2. Antenna: | External | SMA connector |
| 3. Microphones | 8 inputs | |
| 4. Alarm input | 1 contact | |
| 5. Command output | 1 contact | |
| 6. Power supply | - Internal | accumulator and charger (opt.) |
| | - External | 10 to 36 VDC |
| | - External | AC Adapter (115-230 VAC) |
| 7. Configuration | White List: | Defines/stores up to 16 numbers |
| | PIN: | An individual pin number can be stored |
| | Software: | Configuration software for WIN-XP |
| | OTAR: | Over The Air Reconfiguration |
| 8. Dimensions | 160 x 76 x 33 mm | |
| 9. Weight: | 600 g | |
| 10. Temperature: | -20°C to +55°C | |
| 11. Humidity: | 95% | |
| 12. Shock and vibration: | -5g acc. MIL-E-5400T, IIIB | |
| 13. EMC | EN-55022 Class A | |

Options:

- Microphones with assembled cable and plug. Length to be specified
- Wireless microphone link (separate list)
- GSM antennas (various) (separate list)
- Voice encryption
- OTAR Reconfiguration
- Customised functionality