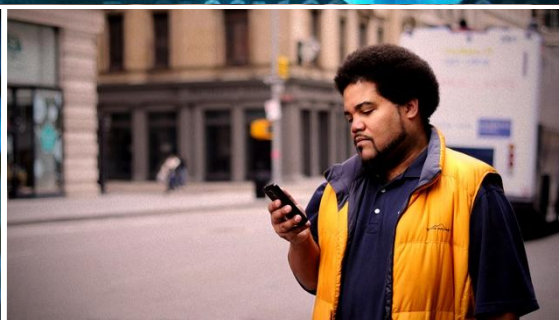
SED-64

Multi Purpose 3G Dialler



The SED-64 is the fifth generation 3G dialler product developed by Sec-Eng Systems for customers that require a simple and effective mobile generated phone line for their new or existing alarm panels. This is a proven 3G communication system, with over 60,000 units sold in the product range.

Features:

- Full time 3G or PSTN Backup options
- PSTN line monitoring with auto switch over to 3G
-Standard 42V POTS phone line interface
- 4 x 24hr zone inputs
- SMS zone inputs reporting to 3 mobile numbers
- Battery backed system with up to 70 hours standby time
- Ability to poll to Pegasus and report alarms
- Includes enclosure, antenna and power supply
- Optional Input/Output expansion board
- Optional 7dBi High gain antenna

Supports:

- Contact ID Diallers
- PSTN Voice Diallers
- Pegasus GPRS / IP

SEC-ENG SYSTEMS

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FEATURES

OPERATION:

The SED-64 provides a 3G generated phone line for alarm panels and other types of diallers to use as a replacement or backup for a PSTN line. The system offers a simple plug and play solution where the dialler is connected to the RJ12 port on the SED-64 board and can then dial out using the standard 48V POTS interface provided. The 3G generated call will allow the panel to pass dial tones such as Contact ID, or voice audio across the line. The SED-64 also features a built in dialler which is used for system status reports or input monitoring. This can be reported via Ademco to a Contact ID receiver or SMS messaging to mobile phones.

INPUTS/OUTPUTS:

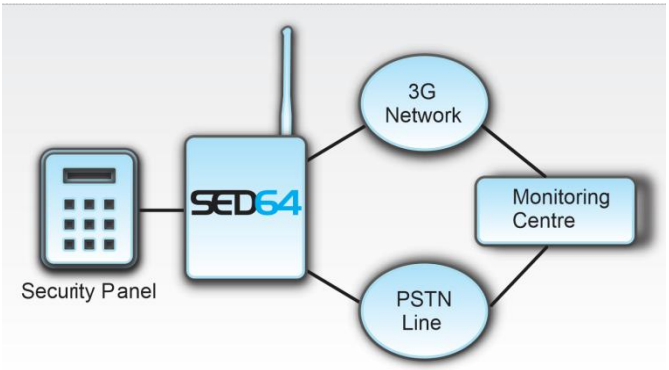
The SED-64 features 4 inputs which can be set up for tamper monitoring or to generate SMS reports. It also features a fault relay output which will activate in the situation of a system fault (Network connection, Battery, AC, Line fail)

OPTIONAL EXPANDERS:

An optional single relay board and a 4-way input/output board are available for additional inputs and outputs used for SMS reporting and control.

POWER AND BATTERY:

The system is supplied with an AC plug pack however it can also be powered by a regulated 12V or 24V DC external source. A backup battery can also be fitted to the SED-64 (not included) which will allow the system to run for up to 70 hours on standby.

TECHNICAL SPECIFICATIONS:

- Dimensions: 235 x 250 x 80mm (Housing)
- SIM Required: MINI size (Voice and SMS)
- Modem: UBLOX Lisa-U200
- Network Connectivity: Penta-Band GSM & 3G 800/850/900/1700/1900/2100MHz
- Power Pack Input: 230-240VAC
- Power Pack Output: 16V AC 1.5A
- External Power Supply: 12V or 24V DC
- Current draw: 250mA at 12V DC
- Faulty Relay rating: 0.5A at 125V AC or 2A at 30V DC
- Backup Battery: 12V 7Ah gel cell (Not included)
- Antenna connector: TNC Female
- Antenna supplied: 3dBi Omni directional
- Antenna optional: 7dBi high gain
- POTS interface: RJ12
- Line voltage: 42V
- RCM Certified
- Telstra Approved