

# StarLink™ 2 Universal GSM Alarm Communicator - Unprecedented Reliability Anywhere

## Universal back-up or primary GSM/GPRS alarm communicator

### SLe-GSM Features:

- Universal full event reporting from **any panel** virtually anywhere to any Central Station (with no special equipment)
- Signal-Boost Technology amplifies alarm signals and wave shapes for unprecedented reliability even in remote/fringe areas
- Email/Text/SMS messages alerts
- Compatible with control panels that communicate using Contact ID and 4/2 format
- Full High-Speed Napco Panel remote uploading/downloading (2-way communications, requires high-speed cable)
- 1-Step enrollment and programming built in, ready for most jobs. (Advanced programming options also available.)
- Automatic dialer-capture technology eliminates time-consuming web setup!
- Remote arm/disarm any panel brand with a keyswitch input
- For backup radio mode –supervises telco and only sends GSM reports when it's not functioning
- Includes SIM card and dual band high-efficiency antenna
- Optional Smart Charger Module for use when panel aux power is at a premium and/or for optimized radio mounting locations up to 100' from the panel (Module maybe used with or without its own 4AH/12V battery).
- Also available: StarLink SLe-GSM in metal enclosure (SLe-GSMET)



SLe-GSM



(SLe-GSMET, shown.)



# StarLink 2: SLe-GSM

## RADIO COMMUNICATIONS

- Full event alarm reporting over the GPRS radio network (GSM Packet Radio Service) for both new and retrofit installations
- Universal use - Not just for NAPCO control panels, but reports full-data alarms for any brand competitive control panel to any Central Station
- Full high-speed control panel upload/download supported on Gemini™ P816/1632/1664 and P9600/3200/X255 series panels. (Note: Requires cable; #SLE-DLCBL, separately available).
- Provides Primary and Backup Mode reporting - jumper selectable
  - Primary mode - radio provides *Tip and Ring* line feed voltage to the control panel and reports all panel alarms via GPRS radio.
  - Backup mode - radio detects when the premise's Telco line is cut or panel can't get thru to Central Station & only reports via GPRS radio in those instances
- Reports Contact ID and 4/2 format

## SECURITY/EASE OF INSTALLATION

- Encrypted alarm and upload/download packets
- 3 Status LED Indicators (visible with the wiring cover installed): (1) Green - Signal strength; (2) Amber- Radio busy/activation; (3) Red- Trouble
- Tamper
- Dual band antenna, for North America, 2dBi+ gain
- Radio can also be placed up to 100 feet from the control panel for best antenna location
- Built in power supply uses Alarm Panel Aux power as power source
- Optional Smart Charge Module also available- Ideal where aux. (fire) standby power is too low -- without requiring a separate power supply. Uses 4AH/12V battery.

## NAPCO'S UNIQUE NETWORK OPERATIONS CENTER (NOC)

### Features

- Signal-Boost™ Technology, throughout the communication transmission & reception, i.e., at both the radio and the Network Operations Center, super-amplifies alarm signals and wave shapes for unprecedented reliability even in remote/fringe areas, for the ultimate in alarm industry emergency communications.
- Alarm reporting to the central station of your choice - no special equipment needed. Reports in a variety of formats including IP
- NOC automatically enrolls radio into system on first alarm transmission – No website setup required
- NOC website access allows complete management and modification of alarm routing and reporting, if desired.

- NOC provides: GSM radio supervision; Alarm reports to the central station; Text Message/SMS/Email alerts
- Real time status monitoring of all radio accounts (e.g., online, offline, check-in, signal strength level, trouble conditions, low battery/voltage input).

## SPECIFICATIONS

- **Dimensions:** SLE-GSM Alarm Communicator/Radio, Self Contained, 7" L x 4.75" W x 1.5" D
- **Weight:** 1.0 lb.
- **Optional:** SLE-GSMET Alarm Communicator/Radio, in Hinged Metal Enclosure. 10.25" L x 8.25" W x 3" D
- **Trigger Inputs:**
  - Three hardwire inputs:
    - IN1-Differentiates steady, pulsing, temporal and CO bell input.; 13.7- 9.4VDC (+10%,- 15%), 1 ma max.
    - IN2/3 – Programmable; Can be jumper configured for EOLR/no-EOLR; 13.7- 9.4VDC (+10%,- 15%), 1.2 ma max.
- **PGM Outputs:**
  - Three PGM outputs, open collector, 3V, 50 ma.
  - OP1 - Troubles – Supervise-able - fail to communicate, antenna supervision, low input voltage, line-cut, GSM trouble, etc.
  - OP2 - Programmable – Defaulted to Fail to Communicate
  - OP3 - Programmable – Defaulted to Line-Cut
  - Option to convert PGM to dry relay closure (no. SLE-PGMRLY)
- **Standby Power:** 24 Hours + 30 min UL/DL time with 4 AH / 12V battery
- **Optional Backup Battery:** 4AH, 12V
- **Current Drain:** 150 ma
- **Operating Temperature:** 0 to 49 Degrees C



## ORDERING INFORMATION

**SLE-GSM:** GSM Communicator, SIM card

**SLE-GSMET:** GSM Communicator in metal housing (also accommodates 4 Ah /12V rechargeable battery), SIM card included.

**SLE-DLEXT:** Optional, for up/downloading, extends distance from radio to panel, from 10', up to 100 ft.

**SLE-DLCBL:** Napco Up/download cable, sold separately.

**SLE-SMTCHG:** Optional, Smart Charge Module. Allows for optimal radio position regardless of available AC outlets. Also ideal where auxiliary (fire) standby power is too low - without requiring a separate power supply. Uses standard 4AH/12V rechargeable battery.



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