TG-100 ⓤ
Residential and Small Business Model

UL Listed for Primary Residential Burglary/Fire and Commercial Supplemental use. Complete with radio interface, 2dB spike antenna, flame-retardant plastic enclosure, Telguard-to-RJ31X connecting cable, Telephone Line Monitor (TLM), and 16.5VAC, 40VA UL-Listed plug-in power transformer.

TG-200 ⓤ
Burglary and Fire Model

UL Listed for Commercial Fire and Residential Burglary (UL1023, UL985, UL864) use. Complete with Red key-locking metal enclosure, magnetic mount antenna with 12 feet of cable, battery harness, connecting cable, TLM and 16.5VAC, 40VA UL-Listed plug-in power transformer.
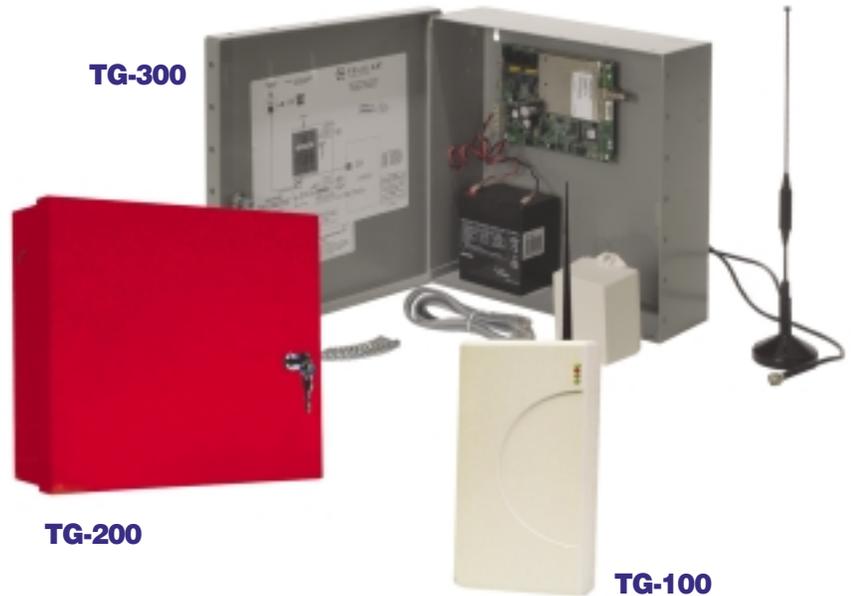
TG-200M ⓤ

M version of TG-200 model adds Modem IIe and IIIa^2 formats.

TG-300 ⓤ
Commercial Burglary and Bank Model

UL Listed Grade A Commercial Burglary, UL Bank Safe and Vault, and Commercial Fire (UL1023, UL985, UL864, UL611, UL365, UL681, UL1641,Grade A). Complete with attack-resistant armored enclosure with tamper switch, magnetic mount antenna with 12 feet of cable, battery harness, connecting cable, TLM and 16.5VAC, 40VA UL-Listed plug-in power transformer.

TG-300M ⓤ

M version of TG-300 model adds Modem IIe and IIIa^2 formats.

The 1st name in Cellular Communications

Telguard® DataBurst with full data

TG-300

TG-200

TG-100

Telguard DataBurst transmits alarm signals over the cellular network when the telephone line has been disrupted, compromised, or if no wireline phone service is used. DataBurst uses the control channels of the cellular network to provide economical full data communications to the central station. Telguard DataBurst is designed to be either the primary or back-up alarm communicator. DataBurst connects to virtually any control panel and is easy to install and activate.

Features Include:

- Full Data Reporting to Central Station
- Telephone Line Monitor (TLM) built-in
- Integral Power Supply with Battery Harness
- Automatic Self Test (Daily, Weekly or Monthly)
- Alarm panel formats for 3x1, 4x2 @ 1400Hz & 2300Hz & Contact ID
- "M" models support Modem IIe or IIIa^2 formats
- Nationwide coverage
- Easy activation with Telular Cellular Service
- Cellular service can be activated via a toll-free interactive voice response (IVR) system
- Account management with the Remote Access Management (RAM) System

RESIDENTIAL   COMMERCIAL   FIRE

Systems Specifications

Power

- Telguard Current Consumption
  - Stand-by: 120mA
  - Transmission: 1.5 Amp for 100ms

- Power Input Rating: 120 VAC, 0.48A

- Battery Charging Circuit:
  - Max full charge DC voltage: 13.8V +/- .01V
  - Max ripple: 30 mV
  - Low capacity charge for 0.8 Ah or 1.2 Ah Battery = Maximum charging current of 200mA
  - High capacity charge for 4.0, 7.0, or 14.0 Ah Battery = Maximum charging current of 1.2 Amp.
  - Max voltage drop at max current: 1%

- Transformer supplied: 16.5 VAC, 40 VA, UL Listed

Transceiver

- Frequency range: 824.030 - 848.980 MHz Transmit, and 869.030 - 893.980 MHz Receive

- Transmit Power: 3 watts (max. allowable)

Physical Details

- TG-100:
  $9^{1}/_{2}$" H x $4^{1}/_{2}$" W x $1^{3}/_{4}$" D

- TG-200:
  12" H x 12" W x $3^{1}/_{2}$" D

- TG-300:
  12" H x 12" W x 4" D

- Shipping Weight:
  - TG-100: 5 lbs. (with transformer)
  - TG-200: 12 lbs (with transformer)
  - TG-300: 18 lbs

- FCC Registration: 5BHUSA-30483-MO-E. Ringer Equivalence O.1B.

- Operating Environment: -10 degrees C to +50 degreesC; 0-90% humidity (non-condensing).

High Security Supervision

- Programmable relay output is available for tripping host Control Communicator when trouble conditions occur

- Telguard may be programmed to test itself periodically by transmitting a specific Automatic Self-Test via cellular to the central station

- Four diagnostic LED's inform you of the functionality of the unit and can provide a variety of information
  - AC Power: identifies AC Power
  - System Trouble Conditions
  - Operational Mode
  - Radio Activity

Communications

When communications are not possible over the telephone line, Telguard switches the host alarm system's communication to the wireless cellular network.

All security transmissions are then sent via cellular exactly as if the signal had been conveyed over the landline.

When Telguard DataBurst is programmed to operate in MODE 1, the telephone line is always the primary communication path. Telguard DataBurst only transmits alarm data when the phone line is not operational. This cuts down on unnecessary cellular traffic and avoids sending redundant messages to the monitoring station.

Telguard can also be programmed as the primary communication path. When it is set to MODE 2, it will send all alarm data via cellular and use the landline as a secondary path.

Accessories

- Magnetic Mount Antenna with 35 feet of low loss cable

- Magnetic Mount Antenna with 50 feet of low loss cable

- High Gain Directional Antenna with 35 feet of low loss cable

- High Gain Directional Antenna with 50 feet of low loss cable Warranty

Warranty

For up to two years from the date of manufacture, we will repair or replace (our option) inoperative units. Excludes damage due to lightning or installer error. Not responsible for incidental or consequential damages. Liability limited to price of unit.

For more information on Telguard's complete line of secure cellular communication products that manage any application, call us today at **1-800-229-2326** or visit our web site at **www.telguard.com**