

Telguard[®] Digital with full data



Primary Residential Alarm Communicator



Telguard Digital[®] Model TG-1
Alarm Communication Solution
for VoIP or Cellular-only households

Ensuring Alarm Transmission without a Phone Line

With today's changing technology at home, including VoIP and other wireless services, a traditional telephone line may not be available for security system communications. When no telephone service is available from your home, Telguard Digital model TG-1 ensures that critical alarm information reaches the central station.

Telguard Digital model TG-1 provides the ideal solution for residential applications. This advanced generation product transmits full data from security and fire systems to central stations using the nationwide GSM digital cellular network.

Telguard Digital technology allows full data reporting for unlimited point-to-point signal details and maximum allowable transmitting power for superior in-building penetration. Telguard Digital products are easy to install, economical, and UL Listed.

Telguard Digital Model TG-1

- Provides a vital wireless link to the monitoring station
- Compatible with most residential security systems
- Ideal for homes without traditional telephone service
- UL Residential Primary Listing for combined Burglary and Fire applications
- Security supervision with automatic self-test and system trouble output
- Nationwide GSM digital network coverage

The Telguard® Digital Cellular Alarm Solution

Systems Specifications

Standard Features

- Full Data Reporting using Contact ID
- Automatic Self Test (Daily, Weekly or Monthly)
- Power supply with battery harness
- Attractive Plastic Enclosure
- Programmable supervisory trip output

Power

- Transmit power 1.0W-2.0W (maximum allowable)
- Current consumption 66mA stand-by and 400mA transmission
- Transformer supplied: 12VAC, 800mA UL Listed plug-in

Radio Transceiver

- Dual Band Cellular and PCS
GSM 850MHz: Class 4 (2 watts)
GSM 1900MHz: Class 1 (1 watt)
- Antenna 9" dipole with 2dBi gain
- FCC Part 15, 22 and 24 compliant

Physical Details

- TG-1: 9½" H x 4½" W x 1¾" D
Shipping Weight 5 lbs. (with transformer)
- Operating Environment: 0°C to +50°C; up to 95% humidity (non-condensing).

Accessories

- ACD-35 35/50/100 feet of ACD-50 low loss high ACD-100 performance cable
- HGD-0 High Gain Directional Antenna

UL Residential Listings

- 985 - Household Fire Warning Systems
- 1023 - Household Burglar Alarm Systems

High Security Features

- Programmable relay output available for tripping host Controller Communicator when trouble conditions occur.
- Specific Automatic Self-Test via cellular to the central station ensures the system is operating correctly.
- Six diagnostic LED's for unit functionality in operational mode and signal strength.
- 128 bit AES (Advanced Encryption Standard) encrypted alarm signals ensure authentication and security.

Telular Cellular Service

Telular Cellular Service provides nationwide GSM digital cellular network coverage for all Telguard Digital units. Telular's Communication Center is UL Listed and provides seamless connectivity between the GSM digital cellular network and the central station. Telular Technical Support provides a single point of contact for both Telular Cellular Service and Telguard Digital for a complete cellular security solution.

