



TELGUARD

TG-4

CELLULAR ALARM  
COMMUNICATOR  
FOR 3G/4G NETWORKS



## RESIDENTIAL AND COMMERCIAL

### PRODUCT FEATURES

- Serves as either primary or backup alarm communicator.
- Provides RMR protection by leveraging technology that operates on 3G/4G networks.
- Supports listen-in, two-way voice verification over cellular.
- Features Telguard Interactive remote alarm control solution when installed in primary mode.
- Falls back to 2G (GSM) if a 3G/4G network isn't available.

Telguard model TG-4 transmits alarm signals over the nationwide digital cellular network if the telephone line or data network has been disrupted, compromised or when there is no wire line service available.

The TG-4, the ideal solution for light commercial, business and residential applications, transmits full data from security and fire systems to central stations.

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

### Telguard Online

Telguard makes adopting cellular easy with a secure Internet portal. The straightforward web interface allows security dealers and central stations to quickly and efficiently access Telguard based services 24/7. This advanced tool has multi-level user authorization and provides total account management of UL Listed Telguard cellular alarm communicators.

### Telguard Cellular Service

Telguard Cellular Service provides nationwide digital cellular network coverage for all Telguard units. Telguard's Communication Center is UL compliant and provides seamless connectivity between the alarm panel, the Telguard family of products and the central station. Telguard Technical Support provides a single point of contact for both cellular service and Telguard product questions.

### Backup or Primary Paths

Telguard TG-4, with its built-in Telephone Line Monitor, is designed to be either the primary or backup alarm communicator. In backup mode, when communication is not available over the wireline, The TG-4 switches the host alarm system's communication to the digital cellular network. All alarms are then transmitted over the nationwide cellular network. In primary mode, Telguard functions as the principal communication path.



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## Power

- Transmit power:  
GSM 850MHz: Class 4 (2 watts)  
GSM 1900MHz: Class 1 (1 watt)  
WCDMA 850/1900MHz: Class 3 (0.250 watts).
- Transformer Supplied:  
12VAC, 800mA UL listed plug-in.
- 12VDC/Battery Consumption:  
35mA (Standby)  
250mA (Transmission).

## Radio Transceiver

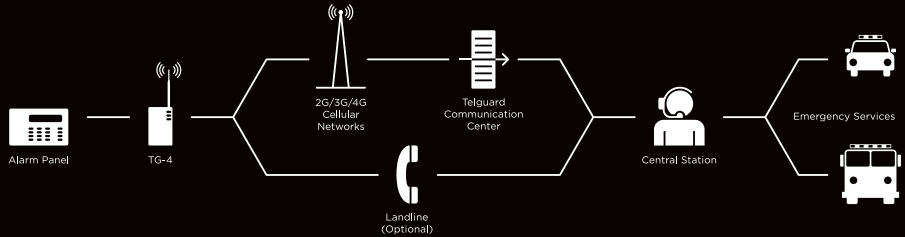
- 3G cellular radio.
- GSM 850/1900MHz.
- UMTS WCDMA FDD 850/1900MHz.
- Antenna: 9" dipole with 2dBi gain.
- FCC part 15, 22, & 24 compliant.

## Physical Details

- TG-4: 9.5" H x 4.5" W x 1.75" D.
- Shipping Weight: 5lbs (with transformer).
- Operating Environment:  
0°C to +49°C; 0 to 85% humidity (non-condensing).

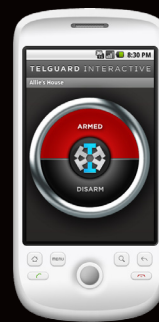
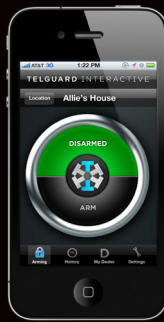
## Standard Features

- 128 bit AES alarm signals ensure authentication and security.
- Automatic self-test (daily, weekly or monthly).
- Two programmable supervisory trip outputs.
- Available trip input.
- Alarm format support for SIA2, contact ID, pulse (3x1, 4x2), modem IIe & IIIa<sup>2</sup>, DMP.



## Featuring Remote Alarm Control Services

Designed to allow consumers to remotely arm, disarm and receive system notifications at an affordable price, Telguard Interactive is now available for the iPhone, Android and BlackBerry platforms. The free app comes ready to activate with the TG-4 when installed in primary mode, making it compatible with virtually all residential alarm panels.



## Accessories

- ACD 12, ACD 35, ACD 50, ACD 100: 12/35/50/100 feet of low loss, high performance cable.
- HGD-0: High gain directional antenna.
- EXD-0: External antenna.



## UL Residential Listings

- S545 • Residential fire
- 985 • Household fire warning systems
- C1023 • Residential burglar alarm systems

## UL Commercial Burglary Listings

- 365 • Police station connected burglar alarm units & systems
- 1610 • Central station burglar alarm units; Line security services

\* For the most current product specifications and UL listings visit [www.Telguard.com](http://www.Telguard.com).

