



TELGUARD

TG-1B LTE-A

CELLULAR ALARM COMMUNICATOR FOR LTE NETWORKS



PRIMARY RESIDENTIAL BUNDLE

PRODUCT FEATURES

- ▶ Certified for use on the AT&T LTE network for long, sunset-free installation.
- ▶ Provides RMR protection by leveraging technology that operates on LTE networks.
- ▶ Features HomeControl Flex™ for remote arming, disarming and more.
- ▶ Falls back to 3G/4G if an LTE network is not available for extended network coverage.
- ▶ Panel downloading with the Telguard Virtual Modem.

Telguard model TG-1B LTE-A provides the ideal solution for residential applications. This bundle, which includes the TG-1 and the battery, transmits full data from security and fire systems to central stations using the nationwide digital cellular network.

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. Telguard model TG-1B LTE-A ensures that critical alarm information reaches the central station.

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 Portal

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.

Advanced Reliability

- Available trip input for reporting trouble conditions independent of the alarm panel.
- Supervisory trip output for reporting problem conditions from the TG-1B LTE-A to the panel.
- Automatic self-tests confirm the alarm path between the panel, the cellular network, and the central station.
- 128 bit AES (Advanced Encryption Standard) encrypted alarm signals ensure authentication and security.



TELGUARD

TG-1B
LTE-A

CELLULAR ALARM
COMMUNICATOR
FOR LTE NETWORKS

Power

- **Transmit Power:**
200mW in all bands
- **Transformer Supplied:**
12VAC, 800mA UL listed plug-in.
- **Maximum AC Current Draw:**
125mA (battery charged)
350mA (battery charging).
- **12VDC/Battery Consumption:**
<32mA (Standby)
250mA (Transmission).

Radio Transceiver

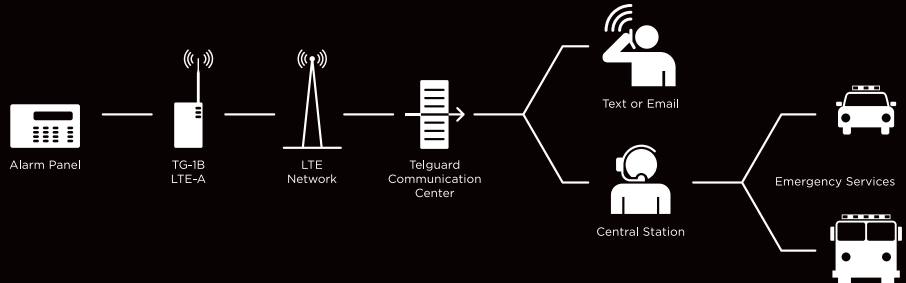
- **LTE Bands:** 2, 4 & 17.
- **3G Bands:** 2 & 5.
- **Antenna:** 8" dipole with a max gain of 3dBi.
- FCC part 15, 22, 24 and 27 compliant.

Physical Details

- **TG-1B LTE-A:** 9.5" H x 4.5" W x 1.75" D.
- **Shipping Weight:**
5lbs (with transformer).
- **Operating Environment:**
0°C to +49°C; 0-85% humidity
(non-condensing).

Standard Features

- Automatic self-test (daily, weekly or monthly).
- Programmable supervisory trip output (STC) relay.
- Available trip input.
- Diagnostic LEDs display function, operating mode & signal strength.
- Full data reporting using virtually any alarm format, including Contact ID, SIA2, DMP, Modem IIe/IIIa² and Pulse formats.

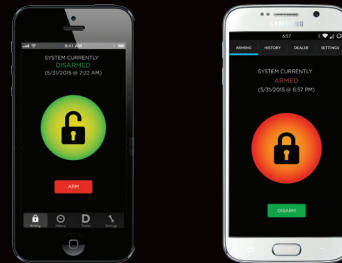


Featuring HomeControl Flex™

With HomeControl Flex, end users utilize a mobile app for Android, and iPhone smartphones to remotely arm their system with prebuilt automation rules. The free app comes ready to activate with the TG-1B LTE-A when installed in primary mode, for all new installations and retrofits.

Additionally, end users have the option to include video capabilities with Arlo Wire-free HD Cameras, enabling remote viewing of event triggered clips, images and live video from anywhere, on a smartphone, computer or tablet.

Visit www.Telguard.com/Flex to learn more.



Accessories

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



UL Residential Listings

- 985 • Household fire warning systems
- 1023 • Household burglar alarm systems

ULC Listings

- S545 • Canadian household fire warning systems
- C1023 • Canadian household burglary alarm systems

* For the most current product specifications and UL Listings visit www.Telguard.com.

This product protected by U.S. Patent No. 8,854,187.

