



TELGUARD

TG-1
EXPRESS
CDMA

CELLULAR ALARM
COMMUNICATOR
FOR CDMA NETWORKS



🏠 PRIMARY RESIDENTIAL

PRODUCT FEATURES

- ▶ Supports virtually all alarm formats using dial capture for universal panel compatibility.
- ▶ Ideal for mountainous and rural areas where coverage may be challenging.
- ▶ Supports HomeControl Flex™ for remote arming, disarming and more.
- ▶ Reduces install time by exclusively using the power and backup battery from the panel.
- ▶ Power and dial capture over a single cable for greater flexibility.

Telguard model TG-1 Express CDMA provides the ideal solution for residential applications. The TG-1 Express CDMA transmits full data from security and fire systems to central stations using a nationwide digital cellular network.

Today's modern family commonly chooses to use their cell phone or VoIP service instead of paying for a traditional phone line. This growing trend makes what was once the most common form of communication for the security system unavailable in many new installations. When there is no telephone service available from your customer's home, Telguard model TG-1 Express CDMA ensures that critical alarm information reaches the central station.

Single Line Interface Cable

Sometimes the best place to install a cellular communicator isn't at the panel. In these instances, Telguard offers a Single Line Interface Cable (SLIC) option. The SLIC allows an installer to run both the power and telephony to the TG-1 Express CDMA over a single CAT5 cable similar to how computer networks use Power-over-Ethernet to provide power to networking equipment.

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-1 Express CDMA to the panel.
- Automatic self-tests confirm the alarm path between the panel, the cellular network, and the central station.
- Customer friendly LEDs display operating mode and signal strength. 128 bit AES (Advanced Encryption Standard) encrypted alarm signals ensure authentication and security.



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Power

- **Transmit Power:**
Cellular 850MHz Class 3 (200 mW)
PCS band 1900MHz Class 2
(200 mW).
- **Transmit Power Consumption:**
200 mA @ 12V.

Radio Transceiver

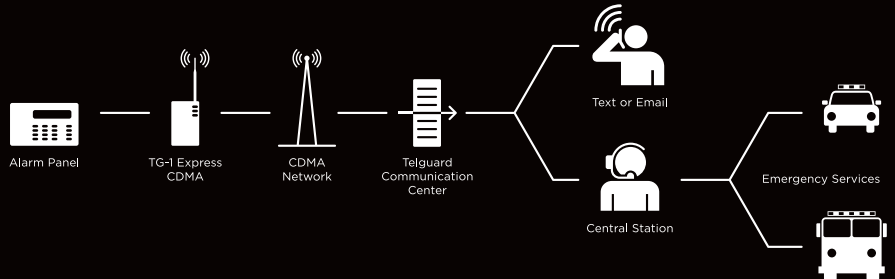
- Dual Band CDMA 1xRTT.
- **Antenna:** dipole with SMA connector.
- FCC part 15, 22, & 24 compliant.

Physical Details

- **Size (without antenna):**
5.6" H x 2.9" W x 1.3" D"
(14.22cm H x 7.37cm W x 3.30cm D).
- **Shipping Weight:**
4.8 oz (136g).
- **Operating Environment:**
0°C to +50°C; Up to 95% humidity
(non-condensing).

Standard Features

- Supports virtually all alarm formats (Contact ID, SIA2, and others) using dial capture for universal panel compatibility.
- Programmable automatic self-test (daily, weekly or monthly).
- Small, attractive enclosure.
- Available trip input.
- Programmable supervisory trip output (STC) relay.

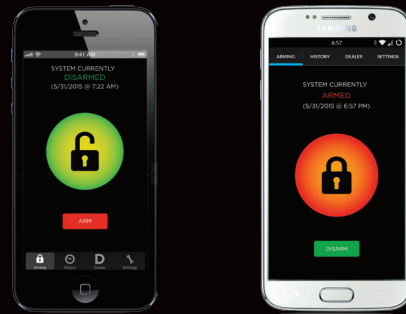


Optimizes Power Distribution

By utilizing the panel for power, the TG-1 Express CDMA eliminates the need for additional AC power or a backup battery. Using the panel for power simplifies installation, system design and load calculations.

Featuring HomeControl Flex

With HomeControl Flex, end users utilize a mobile app for Android, iPhone and Windows Phones to remotely arm their system with prebuilt automation rules from IFTTT to connect to the ever expanding list of consumer products and services they use every day. The free app comes ready to activate with the TG-1 Express for all new installations and retrofits. Visit www/Telguard.com/Flex to learn more.



UL Residential Listings
985 • Household fire warning systems
1023 • Household burglar alarm systems

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

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

