TELGUARD

TG-1B | CELLULAR ALARM COMMUNICATOR FOR 3G/4G NETWORKS

🏠 PRIMARY RESIDENTIAL BUNDLE

PRODUCT FEATURES

- Provides a wireless alarm communication solution for homes without traditional telephone service.

- Povides 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.

- Falls back to 2G (GSM) if a 3G/4G network isn't available.

Telguard model TG-1B 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. When no telephone service is available from your home, Telguard model TG-1B 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 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.

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 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.

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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).
- 12V, 0.8Ah battery.
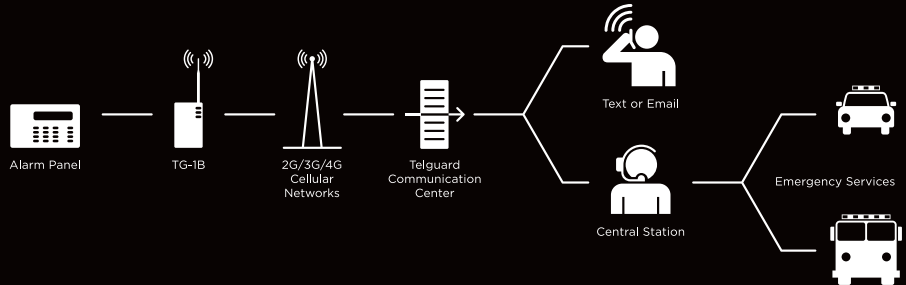
Radio Transceiver

- 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-1B: 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).
- Includes everything necessary for installation.
- Programmable supervisory trip output (STC) relay.
- Available trip input.
- Diagnositic LEDs display function, operating mode & signal strength.
- Full data reporting using virtually any alarm format, including Contact ID, SIA, SIA2, DMP, Modem IIe/IIIa[2] and Pulse formats.

Alarm Panel — TG-1B — 2G/3G/4G Cellular Networks — Telguard Communication Center — Text or Email — Central Station — Emergency Services

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-1B, 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.

SECURITY SIGNALING
UL LISTED

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

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

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