



Telguard® Digital TG-1 *Express* Primary Residential Alarm Communicator



- Supports virtually all alarm formats using dial capture for universal panel compatibility
- Over 80% smaller than similar cellular communicators
- 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 (SLIC)

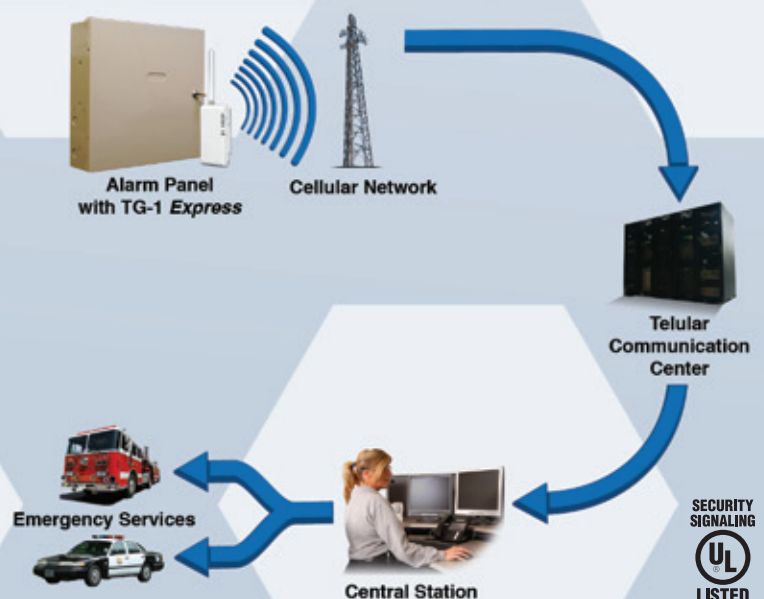
Assuring Alarm Transmission for VoIP, Cell Only, and No-Landline Households

Telguard Digital model TG-1 *Express* provides the ideal solution for residential applications. The TG-1 *Express* 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 Digital model TG-1 *Express* ensures that critical alarm information reaches the central station.

Sometimes the best place to install a cellular communicator isn't at the panel. In these instances, Telular 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* over a single CAT5 cable similar to how computer networks use Power-over-Ethernet to provide power to networking equipment.

Telguard Digital technology allows full data reporting for all alarm messages. Superior building penetration is achieved by transmitting at the maximum allowable power.





Telguard Online Account Management System

Telular 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 Digital based services 24/7. This advanced tool has multi-level user authorization and provides total account management of UL Listed Telguard Digital cellular alarm communicators.



www.TelguardOnline.com

Telular Cellular Service

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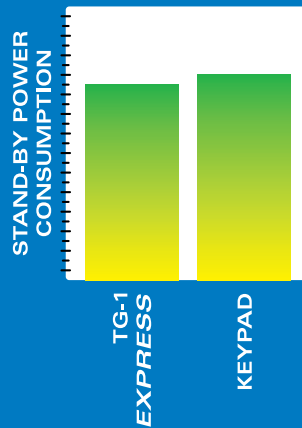
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System Specifications

Power

- Nominal Power Consumption: 39 mA @ 12V
- Transmit Power Consumption: 200 mA @ 12V



By utilizing the panel for power, the TG-1 *Express* eliminates the need for additional AC power or a backup battery.

The TG-1 *Express* consumes less power than a standard keypad (~40mA @ 12V), thereby simplifying system design and load calculations.

Standard Features

- Full data reporting using virtually any alarm format, including Contact ID, SIA, SIA2, DMP, Modem IIe/IIIa2 and Pulse formats
- Automatic self-test (daily, weekly or monthly)
- Small, attractive enclosure
- Available trip input
- Programmable supervisory trip output

Radio Transceiver

- Dual band cellular and PCS
- GSM 850MHz: Class 4 (2 watts)
- GSM 1900MHz: Class 1 (1 watt)
- 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)

UL Residential Listings

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

LOSE THE LINE. KEEP THE CONNECTION.