



# Telguard<sup>®</sup> Digital TG-7 and TG-8

Commercial, Industrial, and Financial Cellular Alarm Communicator



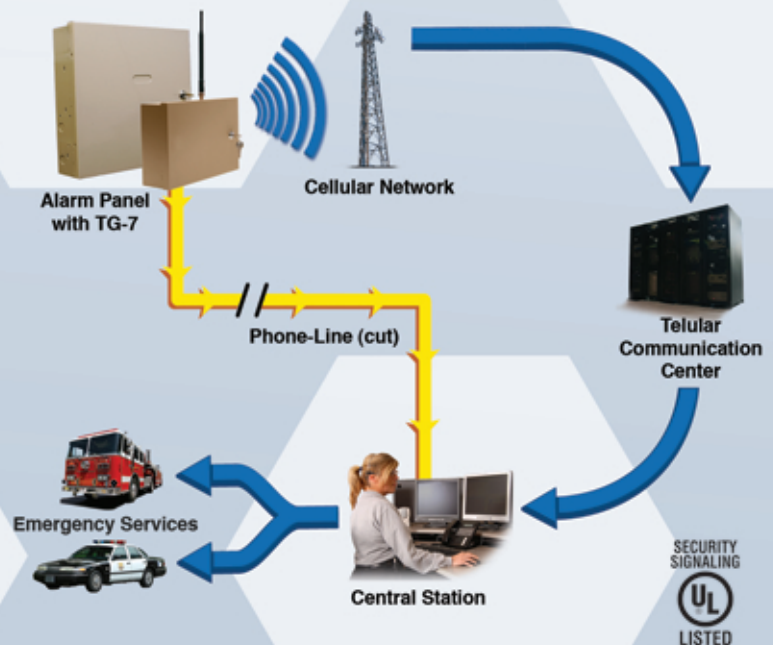
- Delivers full data reporting
- Provides security supervision with automatic self-test and system trouble outputs
- Supports multiple alarm formats
- Utilizes advanced encryption technology for secure communications

## Telguard Digital Cellular Security for Commercial, Retail, Financial and Fire System Markets

The Telguard Digital models TG-7 and TG-8 can serve as primary or backup burglary alarm communicators for retail and financial markets. In addition, the TG-7 and TG-8 are designed to be the secondary transmission path for commercial fire systems. Alarm signals are transmitted over the digital cellular network when the telephone line or data network has been disrupted or compromised. This ensures critical data will reach the designated monitoring station.

UL Listed, Telguard Digital Cellular Security Solutions transmit full data from virtually all security and fire systems to central stations using the nationwide digital cellular network.

Telguard Digital uses advanced encryption technology for secure communications. Superior building penetration is achieved through maximum allowable transmitting 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](http://www.TelguardOnline.com)

## Backup Transmission Paths

Telguard Digital TG-7 & TG-8 are designed to function as backup alarm communicators. When communication is not available over the telephone line, Telguard Digital switches the host alarm system's communication to the digital cellular network. All alarms are then transmitted via secure digital cellular exactly as if the signal had been conveyed over the telephone line.

## 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 TG-7 or TG-8 and the central station. Telular Technical Support provides a single point of contact for both Telular Cellular Service and Telguard Digital for a complete cellular security solution.



Telular Corporation  
2727 Paces Ferry Road, SE  
Suite 1-800  
Atlanta, GA 30339 USA

1-800-229-2326  
TelguardSales@Telular.com  
www.Telular.com  
www.Telguard.com

SECURITY  
SIGNALING



## Telguard Digital TG-7 and TG-8 Backup Cellular Alarm Solution



### System Specifications

#### Standard Features

- Full data reporting
- Automatic self-test (daily, weekly or monthly)
- Power supply with battery harness
- Locking metal enclosure
- Two programmable supervisory trip outputs
- Alarm format support for contact ID, pulse (3x1, 4x2 @ 1400Hz & 2300 Hz).
- TG-MC modem card for SIA2, DMP, modem IIe & IIIa2
- Telephone line monitor built-in
- TG-8 models include E911 emergency phone service

#### Power

- Transmit power 1.0W-2.0W (maximum allowable)
- Current consumption 104mA stand-by and 408mA transmission
- Transformer supplied: 12VAC, 800mA UL listed plug-in

#### Radio Transceiver

- Dual band cellular and PCS
- GSM 850MHz: Class 4 (2 watts)
- GSM 1900MHz: Class 1 (1 watt)
- Antenna 9" dipole with 2dBi gain with 12 feet of cable and universal mounting bracket, FCC part 15, 22, 24 & 68 compliant

#### Physical Details

- TG-7, TG-7F, TG-8: 7.5"H x 11.5"W x 3.5"D, weight 8 lbs.
- TG-7A & TG-8A: 12"H x 12"W x 4"D, weight 18 lbs.
- Operating environment: 0°C to +50°C; up to 95% humidity (non-condensing).

#### Accessories

- ACD-35/50/100 feet of low loss high performance cable
- HGD-0 High gain directional antenna
- LPD-0 Low profile high gain antenna
- EXD-0 External high gain antenna

#### UL Residential Listings

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

#### UL Commercial Burglary Listings

- 365 - Police station connected burglar alarm units & systems
- 1610 - Central station burglar alarm units
- 1635 - Digital alarm communication units

#### UL Commercial Fire Listings

- 864 - Control units and accessories for alarm systems

#### UL Bank, Safe, & Vault Listings (TG-7A and TG-8A models)

- 681 - Mercantile and bank burglar alarm
- 1641 - Systems, grade A burglary

#### Advanced Reliability

- Available relay output for tripping the alarm control panel when a trouble condition occurs.
- Automatic Self-Tests with central station notification ensure the cellular system is operating.
- Diagnostic LEDs display unit functionality, operational mode or signal strength.
- 128 bit AES (Advanced Encryption Standard) alarm signals ensure authentication and security.

**LOSE THE LINE. KEEP THE CONNECTION.**