



TELGUARD

# TG-KIT

3G/4G NETWORK  
UPGRADE KIT  
FOR TG-7 SERIES



## COMMERCIAL AND FIRE

### PRODUCT FEATURES

- ▀ Serves to upgrade all 2G (GSM and GPRS) Telguard TG-7 series communicators for 3G/4G networks.
- ▀ Eligible for Telguard's Upgrade Incentive Program.
- ▀ Provides RMR protection by leveraging technology that operates on 3G/4G networks.
- ▀ Supports listen-in, two-way voice verification over cellular.
- ▀ Falls back to 2G (GSM) if a 3G/4G network isn't available.

AT&T has made the 2G Sunset date of December 31, 2016 official. This means that the countdown to upgrade the current base of installed 2G cellular alarm communicators has started.

Telguard's TG-KIT, the industry's first 3G/4G upgrade kit, makes the conversion of 2G Telguard commercial intrusion and fire communicators simple and affordable. With the kit, 2G versions of the TG-7, TG-7A, TG-7F, TG-7FM, TG-7FS and TG-7S can be easily upgraded without having to remove the existing enclosure, antenna or power supply.

In a matter of minutes, an installer simply replaces the 2G circuit board with a new TG-KIT for 3G/4G networks without disturbing the site's UL certifications. This upgrade increases the longevity of a Telguard cellular unit, ensuring customer retention and protecting a dealer's earned revenue. Activation and service procedures remain the same as they have been for Telguard's 2G products.

### 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

- Features the ability to utilize multiple cellular technologies to increase availability and reduce false alarms.
- Automatic self-tests with central station notification ensure the cellular system is operating.
- Available relay output for tripping the alarm control panel when a trouble condition occurs.



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### Kit Details

- TG-7 3G/4G circuit board.
- PCB Mounting and Grounding Screws.
- Mounting plate and accessories for chassis conversion of older devices.

### Power

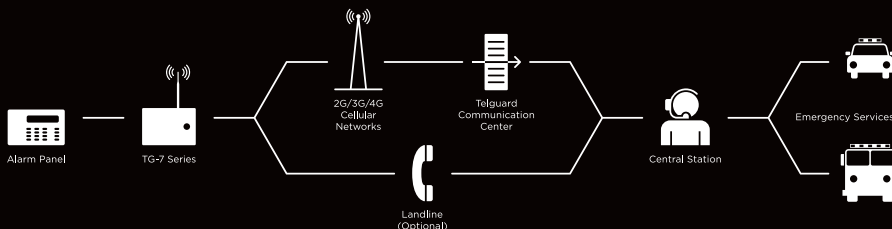
- Transmit power: 1.0W-2.0W (maximum allowable).
- Power Consumption: 60mA (Standby) 250mA (Transmission).
- Utilizes transformer from existing communicator: 12VAC, 800mA UL listed plug-in.

### Radio Transceiver

- 3G cellular radio.
- GSM 850MHz: Class 4 (2 watts).
- GSM 1900MHz: Class 1 (1 watt).
- UMTS WCDMA FDD 850/1900MHz.
- FCC part 15, 22, 24 and 68 compliant.

### Standard Features

- Full data reporting.
- Automatic self-test (5 min. & daily).
- Two programmable supervisory trip outputs.
- Alarm format support for SIA2, Contact ID, pulse (3x1, 4x2), modem IIe, & IIIa<sup>2</sup>, DMP.
- Telephone line monitor built-in, with Standard Line Security.



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.

### Compatible 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.

### UL Listings

#### Commercial Fire

864 • Control units & accessories for fire alarm systems

#### Commercial Burglary

365 • Police Station connected burglar alarm units and systems

1610 • Central station burglar alarm units; Line security services

#### Residential

985 • Household fire warning systems

\* For the most current product specifications and UL Listings visit [www.Telguard.com](http://www.Telguard.com).

