TELGUARD

TG-7FS | CELLULAR ALARM COMMUNICATOR FOR 3G/4G NETWORKS

🔥 **COMMERCIAL FIRE**

PRODUCT FEATURES

- Meets UL 864 requirements for sole, primary or backup path communications.

- Provides RMR protection by leveraging technology that operates on 3G/4G networks.

- Supports listen-in, two-way voice verification over cellular.

- Minimizes false alarms by providing dual paths for self-tests.

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

The Telguard TG-7FS is the ideal cellular alarm communications solution for commercial fire systems. The TG-7FS transmits alarm signals from the fire panel over the digital cellular network to the designated monitoring station.

Compliant with the 2013 Edition of NFPA 72, the TG-7FS can serve as the sole communications path for the fire alarm system. It replaces all of the landlines currently dedicated to the master control unit. On average, cellular monitoring costs the end user significantly less than a dedicated landline. For each landline replaced with a TG-7FS, the monthly communications bill decreases.

By being able to signal failures to the central station within sixty minutes of an outage, the TG-7FS can be installed as the sole path for commercial fire installations. For existing installations, all landlines can be swapped for a single TG-7FS because of the new sixty minute supervision mode.

The TG-7FS can also be installed as a backup path and upgraded to sole path at a later date.

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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Power

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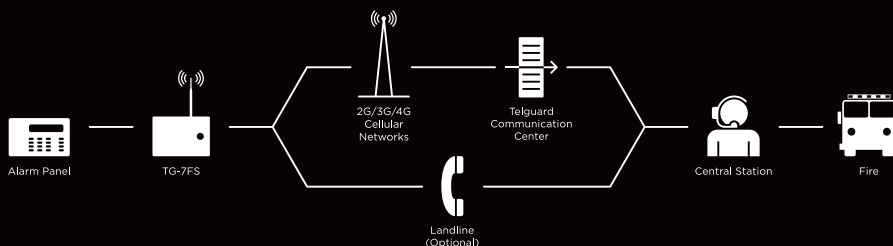- Transformer: 12VAC, 800mA UL listed plug-in.

Radio Transceiver

- 3G cellular radio.
- GSM 850MHz: Class 4 (2 watts).
- GSM 1900MHz: Class 1 (1 watt).
- UMTS WCDMA FDD 850/1900MHz.
- Antenna: 9" dipole with 2dBi gain, 12 ft of cable and universal mounting bracket.
- FCC part 15, 22, 24 and 68 compliant.

Physical Details

- TG-7FS: 7.5" H x 11.5" W x 3.5" D.
- Shipping Weight: 8lbs.
- Operating Environment: 0°C to +50°C; up to 95% humidity (non-condensing).

Standard Features

- Full data reporting.
- Automatic self-test (60 min. & daily).
- Power supply with battery harness.
- Locking, red metal enclosure.
- Two programmable supervisory trip outputs.
- Alarm format support for SIA2, Contact ID, pulse (3x1, 4x2), modem IIe, & IIIa^2, 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.

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 servcies

Residential
985 • Household fire warning systems

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