TELGUARD

AMETEK®

TG-7FS
LTE

CELLULAR ALARM COMMUNICATOR FOR LTE NETWORKS

🔥 **COMMERCIAL FIRE**

PRODUCT FEATURES

⚑ Certified for use on the AT&T or Verizon LTE networks for sunset-free installations.

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

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

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

Compliant with the 2019 and earlier editions of NFPA 72, the TG-7FS LTE can serve as the sole communication 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 LTE, the monthly communications bill decreases.

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

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

Telguard Portal

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 LTE 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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Alarm Panel — TG-7FS LTE — LTE Network — Telguard Communication Center — Central Station — Fire
Landline (Optional)

Power

- **Transmit Power**: 200 mW in all bands.
- **Power Consumption**: 40mA (Standby) 160mA (Transmission) with link supervision enabled.
- **Source**: 12VAC, 800mA UL listed plug-in transformer (included), or 24VDC from panel with TG-PEM accessory.
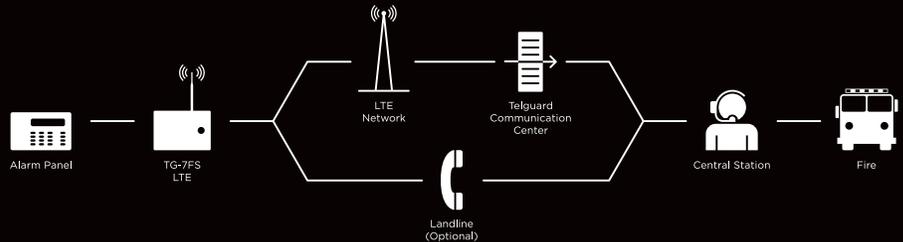
Radio Transceiver

- **LTE Bands:** AT&T: 2, 4, 5, and 17 Verizon: 4 and 13.v
- **Antenna Port:** SMA, 50-Omh.
- FCC part 15, 22, 24, 27 and 68 compliant.

Physical Details

- **Size (without antenna):** 7.5" H x 11.5" W x 3.5" D (19.05cm H x 29.21cm W x 8.89cm D).
- **Shipping Weight (with transformer)**: 8lbs (3.63kg).
- **Operating Environment**: 0°C to +50°C; up to 95% humidity (non-condensing).

Standard Features

- Full data reporting.
- Automatic self-test (5 or 60 minute, and daily).
- 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

- TG-PEM: Power & Expansion Module for powering the TG-7FS from 24V DC alarm panel; no need to have an electrician install a dedicated outlet.
- ACD 12, ACD 35, ACD 50, ACD 100: 12/35/50/100 feet of low loss, high performance cable.
- HGDL-0: High gain directional antenna.
- EXDL-0: External antenna.

UL Listings: AT&T and Verizon

Commercial Fire	Commercial Burglary	Residential
864 • Control units & accessories for fire alarm systems	365 • Police Station connected burglar alarm units and systems 1610 • Central station burglar alarm units; Line security servcies	985 • Household fire warning systems 1023 • Household burglar alarm systems

ULC Listings: AT&T Only

S545 • Canadian household fire warning systems
S304 • Canadian commercial burglary alarm systems
S559 • Equipment for fire signal receiving centres and systems
C1023 • Canadian household burglary alarm systems

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

SECURITY SIGNALING — c UL us LISTED — NFPA INTERNATIONAL — ESA ELECTRONIC SECURITY ASSOCIATION™ Executive Strategic Partner Gold — verizon√ network certified — Connected by AT&T

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