



TELGUARD

TG-7
LTE-A

CELLULAR ALARM
COMMUNICATOR
FOR LTE NETWORKS



COMMERCIAL

PRODUCT FEATURES

- Delivers full data reporting.
- Certified for use on the AT&T LTE network for long, sunset-free installation.
- Provides security supervision with automatic self-test and system trouble outputs.
- Supports multiple alarm formats.
- Utilizes advanced encryption technology for secure communications.
- Falls back to 3G/4G if an LTE network is not available, for extended network coverage.
- Panel downloading with the Telguard Virtual Modem.

The Telguard model TG-7 LTE-A provides backup cellular alarm communication solutions for commercial, retail, financial and fire system markets. Alarm signals are transmitted over the AT&T LTE network when the telephone line or data network has been disrupted or compromised. This ensures critical data will reach the designated monitoring station.

Telguard uses advanced encryption technology for secure communications. Superior building penetration is achieved through maximum transmitting power.

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 AT&T 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

- Two programmable supervisory trip outputs.
- 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.



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Power

- **Transmit Power:**
200 mW in all bands.
- **12VDC/Battery Consumption:**
<32mA (Standby)
250mA (Transmission).
- **Transformer Supplied:**
12VAC, 800mA UL listed plug-in.

Radio Transceiver

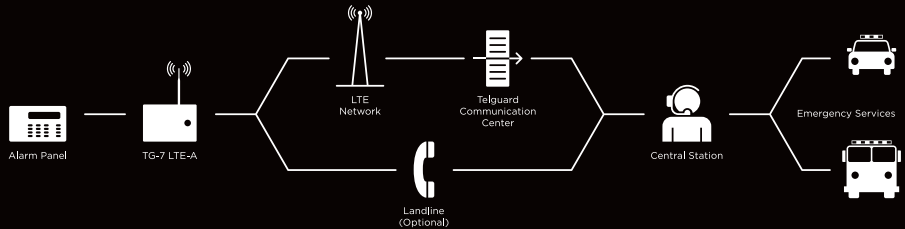
- **LTE Bands:** 2, 4 & 17.
- **3G Bands:** 2 & 5.
- **Antenna:** 8" dipole with a max gain of 3dBi.
- FCC part 15, 22, 24, 27 and 68 compliant.

Physical Details

- **TG-7 LTE-A:** 7.5" H x 11.5" W x 3.5" D
Shipping Weight: 8lbs (with transformer).
- **TG-7 LTE-A:** 12"H x 12"W x 4"D
Shipping Weight: 18lbs.
- Attack chassis on TG-7A LTE-A for bank safe & vault application.
- **Operating Environment:**
0°C to +50°C; up to 95% humidity (non-condensing).

Standard Features

- Full data reporting.
- Automatic self-test (daily, weekly or monthly).
- Locking metal enclosure.
- One available trip input.
- Alarm format support for SIA2, contact ID, pulse (3x1, 4x2), modem IIe & IIIa², DMP.
- Telephone line monitor built-in.



Accessories

- ACD 12, ACD 35, ACD 50, ACD 100:
12/35/50/100 feet of low loss, high performance cable.
- HGDL-O: High gain directional antenna.
- EXDL-O: External antenna.



UL Listings

TG-7FS LTE-A
864 • Control units & accessories for fire alarm systems

Residential

985 • Household fire warning systems
1023 • Residential burglar alarm systems

Commercial Burglary

365 • Police Station connected burglar alarm units & systems
1610 • Central station burglar alarm units; Line security services

ULC Listings

S545 • Canadian household fire warning systems
S304 • Canadian commercial burglary alarm systems
C1023 • Canadian household burglary alarm systems

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

