



# Telguard® Digital TG-11

Residential and Commercial Cellular Alarm Communicator



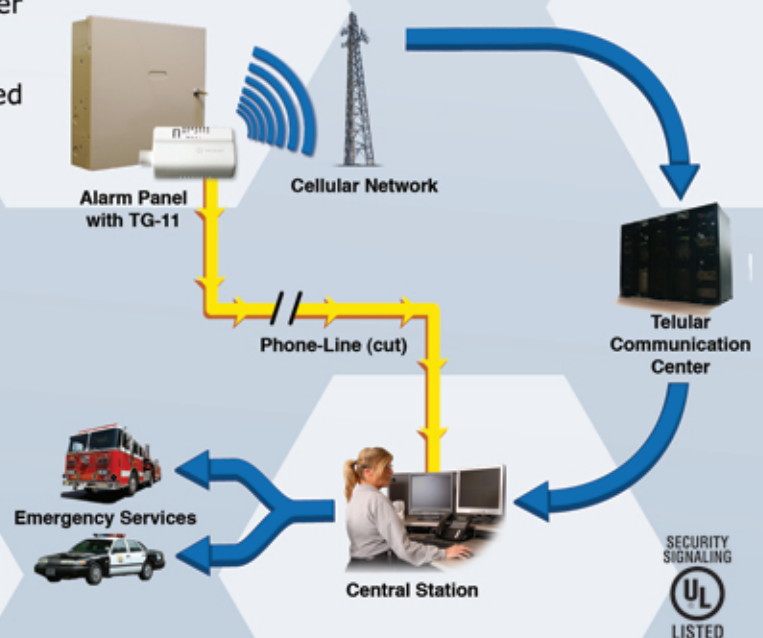
- Specifically designed for VISTA 10, 15 and 20 control panels
- Enables uploading/downloading of supported VISTA panels using the latest version of Compass Downloader
- Functions as a primary, backup or dual full data cellular communicator using ECP
- Utilizes the power and backup battery from the VISTA panel making installation easier

## Ensuring Primary, Backup or Dual Alarm Transmission for Businesses, Offices and Households.

Telular's Telguard Digital model TG-11 transmits alarm signals over the nationwide digital cellular network if the telephone line has been disrupted, compromised or when there is no wireline service available. The TG-11 transmits full data from security and fire systems to central stations, making it the ideal solution for light commercial, business and residential applications.

The UL Listed TG-11 is specifically designed for the VISTA 10, 15 and 20 control panels. The TG-11 utilizes the power and backup battery from the VISTA panel so it does not require a separate power supply or battery. This integrated capability makes the TG-11 a cost-effective solution. Its plug and play feature and flexible mounting options simplify installation. Over-the-air uploading and downloading functionality saves time and money by eliminating truck rolls.

Telguard Digital technology allows full data reporting for unlimited alarm messages. Superior building penetration is achieved through maximum allowable transmitting power. Telguard Digital products are easy to install, economical and UL Listed.



## 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)

## Primary, Backup or Dual Transmission Paths

The Telguard Digital TG-11 is specifically designed to operate with the VISTA series of alarm panels. Using the VISTA panel's familiar keypad programming method, an installer can set up the TG-11 as the primary, backup or split/dual reporting path. 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-11, 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.

## Advanced Reliability

- 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) encrypted alarm signals ensure authentication and security.

## Telguard Digital TG-11 Primary, Backup and Dual Full Data Cellular Alarm Solution



## System Specifications

### Frequency Range: GSM 850/1900

#### Transmit

- 850: 824MHz – 849MHz
- 1900: 1850MHz – 1910MHz

#### Receive

- 850: 869MHz – 894MHz
- 1900: 1930MHz – 1990MHz

#### Antenna Port

- SMA (Female) on main PCB, 50-ohm
- TNC (Female), bulkhead mount, via 24" cable, 50-ohm

#### Alarm Panel Communication and Models Supported

- Honeywell®/Ademco® ECP bus
- VISTA 10P, 10SE, 10PSIA, 15P, 15PSIA, 20P UL, 20SE VISTA-10P: Rev. 2.0 or higher (Using the ECP (keypad) bus)
- VISTA-10PSIA: Rev. 3.0 or higher (Using the ECP (keypad) bus)
- VISTA-15P: Rev. 5.2 or higher (Using the ECP (keypad) bus)
- VISTA-20P/VISTA-20PSIA: Rev. 5.2 or higher (using the ECP (keypad) bus)
- Cellular alarm transmission for LYNXR-I wireless control panel
- Uploading/downloading of supported VISTA panels requires Compass Version 1.5.8.54A or higher

#### Receiver Sensitivity

- -109dBm (Wireless Microprocessor WMP100 Technical Specification, WM\_DEV\_WUP\_PTS\_004)

#### Power Requirements

- 9-15v DC, min 250 mA via Alarm Panel Aux Power

#### Current Consumption

- 65 mA (standby)
- 250 mA (transmit)

#### Transmit Power

- EGSM 850 MHz: Class 4 (2 watts)
- PCS 1900 MHz: Class 1 (1 watt)

#### Supplied Antenna

- Dipole, TNC (Male)

#### Physical Size and Weight

- 5.0" H x 3.125" W x 1.5" D
- 6.1 oz

#### Operating Environment

- 0°C to +49°C
- 0 - 85% humidity (non-condensing)

#### FCC RF Exposure Information

- The external antenna used for this radio module must provide a separation of at least 8 inches (20 centimeters) from the general public.

#### UL Residential Listings

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

#### UL Commercial Listings

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

#### 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 high gain antenna

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



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