Telguard Digital

TELULAR CORPORATION

Solutions

digital cellular communication for alarm & event monitoring

Summary Data model TG-9

Telular advances cellular data transmission with the versatile **Telguard Digital** summary data model TG-9. This economical product features both cellular alarm communication and event monitoring in one convenient, easy to use device. The TG-9 transmits summary data from the alarm panel or controller to the monitoring center using the nationwide GSM digital cellular network.

The plug and play installation and flexible configuration parameters make it ideal for both security and machine-to-machine applications. With six trip inputs, the TG-9 can be easily connected to relay outputs of an alarm panel, control communicator, the bell/siren driver from the alarm panel, or other devices.

When the status of one or more of these inputs change, the TG-9 will transmit the event information over the digital GSM network to the Telular Communication Center. The event information will be converted into an alarm message, based on predetermined format with predetermined content entered in the database. The Telular Communication Center will then transmit that alarm event to the monitoring central station.

Telguard Digital uses advanced encryption technology for secure communications and maximum dual-band transmitting power for superior in-building penetration. The TG-9 is compatible with most alarm-control panels and handles numerous alarm formats. It offers user-configuration features and parameters, and self-test reporting for daily, weekly or monthly supervision.

Easy Activation

The TG-9 is easier than ever to activate. Choose e-mail, fax, or the Telguard Online Management System. Telguard Online is a secure and comprehensive Web portal for total management of the Telguard Digital unit. Telguard Online enables dealers to totally manage their accounts, configure units, review subscriber and information activity, access billing information and event histories, initiate tests, and review usage and history data.

residential security

business security

utilities & industrial controls

equipment monitoring

SECURITY SIGNALING

UL LISTED

Telguard Digital

System Specifications

Summary Data model TG-9

Settings

Zone 1
1 Trip input
2 Bell: siren (fire/burg)

Zones 2-5
Trip input Options available

Zone 6
1 Shunt
2 Trip input
Relay out
1 STC output
2 Set as Bell driver
3 Remote Control

Swinger Settings (Global Option)

Self Test reporting
1 Set Auto test daily, weekly, monthly

Restoral reporting (Global Option)
Enable or disable reporting of restoral events

Shunt Reporting
Report when shunt input is activated and de-activated.

Alarm Format Support
• Contact ID
• SIA2
• Modem IIe & IIIa[2]

Power
• Transmit power 1.0W-2.0W (maximum allowable)
• Current consumption (25mA standby, 150mA transmit)

Radio Transceiver
• Dual Band Cellular and PCS
  GSM 850MHz: Class 4 (2 watts)
  GSM 1900 MHz: Class 1 (1 watt)
• Antenna 9" dipole with 2dBi gain
• FCC Part 15, 22, and 24 compliant

Physical Details
• TG-9: 2.9"H x 2.5"W x 1.5"D
  Shipping weight x lbs.
• Operating Environment: 0C to +50 C
  Up to 95% humidity (non-condensing)

Cable Accessories
• ACD-12
  12 feet of low loss high performance cable
• ACD-35
  35 feet of low loss high performance cable
• ACD-50
  50 feet of low loss high performance cable
• ACD-100
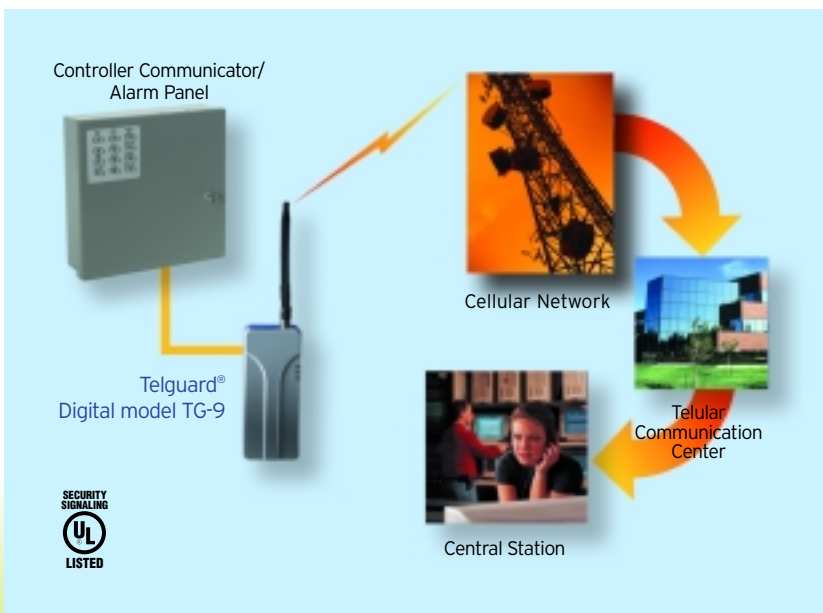 100 feet of low loss high performance cable

UL Listing
• UL Commercial Supplemental with certain alarm panels *(see operating manual)*

LED's
Three diagnostic LED's for unit functionality in operational mode and signal strength

Connections
• 2 terminals for 12v DC power input
• 2 terminals for STC relay
• 9 terminals for inputs

Controller Communicator/
Alarm Panel

Cellular Network

Telguard®
Digital model TG-9

SECURITY
SIGNALING
UL
LISTED

Telular
Communication
Center

Central Station

Telular Cellular Service

Telular provides nationwide GSM digital cellular network coverage for all Telguard Digital units. Telular's Communication Center is UL Listed and provides seamless connectivity between the GSM digital cellular network and the central station. Telular Technical Support provides a single point of contact for both cellular service and Telguard Digital for a complete solution.

TELULAR
CORPORATION

Contact your Telular Sales Representative for details 800-229-2326