DSC

From Tyco Security Products

PowerSeries Neo LTE/HSPA/Internet Cellular/Dual Path Alarm Communicator

LE2080(R)E/TL280LE(R)E



Common Communicator Features:

- Back up and primary Cellular alarm communication
- Panel remote uploading/downloading support via Cellular
- Supervision heartbeats via Cellular
- 128-bit AES encryption via Cellular
- Full event reporting using SIA or Contact ID protocol
- SIM Card (included)
- Remote activating and programming through C24 Communications
- UL standard & encrypted line security
- ULC passive or active line security levels
- Antenna Extension Kits available: LT-15ANT, LT-25ANT, LT-50ANT
- Signal strength and trouble display
- PC-Link connection
- Visual verification over Cellular
- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module
- Command and Control via SMS
- R model supports 3rd party integration option via RS232 serial connection

Internet Features (TL280LE models only):

- Fully redundant Internet and Cellular dual-path alarm communication
- Panel Remote uploading/downloading support via Internet
- Supervision heartbeats via Internet
- 128 bit AES encryption via Internet
- Visual Verification via Internet
- Integrated call routing
- Programmable via DLS or keypad
- Active Cellular account is required to use Internet function
- Supports 3rd party integration via IP

PowerSeries Neo is Security Redefined

PowerSeries Neo by DSC redefines intrusion security by combining the flexibility of a modular, hardwired system with the simplicity of a wide range of wireless devices and peripherals, resulting in the most comprehensive hybrid system available in the market today.

This brand new and exceptionally flexible platform leverages the superior capabilities of PowerG – the industry's leading-edge wireless intrusion technology. Innovative alarm verification solutions, together with an exceptionally comprehensive remote service software suite, make PowerSeries Neo the ideal first-class solution for residential and scalable commercial installations.

LE2080(R)E LTE/ HSPA Wireless Alarm Communicator and TL280LE(R)E LTE/ HSPA/Internet Alarm Communicator

The LE2080(R)E/TL280LE(R)E ensures reliable back up alarm communication of the phone line for your home or business. When connected to a DSC HS2016/HS2032/HS2064/HS2128 control panel, alarm reporting paths can be combined through the Public Switched Telephone Network (PSTN), if so desired, plus the cellular network and Internet for increased redundancy.

It conveniently utilizes the cellular network and Internet as back-up to ensure high speed, reliable and secure alarm communications to alleviate any concerns about the possibility of phone line disruption.

As more and more homes or businesses move away from traditional phone lines, towards VoIP (Voice over IP) or mobile phones, alternate delivery methods for alarm communication must be explored for security systems. The LE2080(R) E/TL280LE(R)E is an ideal solution for both residential and small to medium business environments.

Contact your DSC distributor
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False Alarm Reduction

PowerSeries Neo utilizes innovative, regionally compliant alarm verification solutions such as visual verification and sequential detection. PowerSeries Neo utilizes the LE2080(R)E/TL280LE(R)E as a fundamental tool to deliver visual verification to reduce the high costs that can be incurred by false alarms and unnecessary site-checks while adding to the security professional's RMR.

Fully Redundant Alarm Communication at the Monitoring Station

When the LE2080(R)E/TL280LE(R)E is connected to the DSC PowerSeries Neo HS2016/HS2032/HS2064/HS2128 control panel, the alarm signal can be sent to either the primary receiver or to both the primary and backup receivers at the central monitoring station, providing a fully redundant solution.

Reduces Need for Dedicated Phone Lines

The LE2080(R)E/TL280LE(R)E conveniently utilizes the cellular and internet network to reduce the need for dedicated phone lines and/or the impact of phone line interruption.

Control Panel Remote Programming & Management Support Saves Time and Money

The LE2080(R)E/TL280LE(R)E offers full data reporting and remote management for installers, saving time and reducing costs. With the use of DSC's DLS5 Downloading Software, you can remotely program and configure the control panel, change user information, retrieve historical records, generate the status reports and maintenance details from a PC via the Cellular or Internet connection.

Encryption & Supervision Services Provide High Security & Increased RMR

With 128-bit AES encryption of the alarm signal, central stations, installers and customers can be assured that this is the most secure alarm communicator offered. And with programmable (by seconds) supervision heartbeats, the communicator's availability is fully monitored.

Shorter installation times with PC-Link

The LE2080(R)E/TL280LE(R)E connects to the PC-Link connector on the HS2016/HS2032/HS2064/HS2128 control panel, providing the Cellular and internet connection to transmit events to the central monitoring station. For retrofit installations using the phone line, simply install this communicator to an already existing control panel and the service is instantly upgraded to a dual-path alarm communicator. Remote mounting is available for installations where the panel location does not provide acceptable cellular signal.

Activating and initializing the LE2080(R)E/TL280LE(R)E is done using the mobile interface or via the C24 Communications website.

Compatibility

- Compatible with HS2016/HS2032/HS2064/HS2128 control panels
- Compatible with Sur-Gard System I-IP/II/III/IV/5 monitoring station receivers (SG-System 5 required for Visual Verification)
- Compatible with PC5003C, PC4050C and PC405CAR cabinets

Specifications

Dimensions ..... 150mm × 115mm (5.875" W × 4.5" H)

Weight..... 310 g (0.683 lb) (with mounting bracket)

Current Draw..... 90 mA

Operating Environment ..... 5° to 40° C (40° to 104° F)

Available with AT&T, Bell or Rogers SIM card

Approval Listings

FCC/IC, PTCRB, UL/ULC, CSFM, AT&T/Bell/Rogers

PN 30002025

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