DSC
From Tyco Security Products

PowerSeries Neo
4G/LTE Cellular Alarm Communicator

LE2080E-EU

(Applicable to all markets excluding North America)

Features That Make a Difference:

- 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
- SIA and Contact ID protocol
- Event notification via SMS under SIA and contact ID reporting
- Programmable via DLS 5 or keypad before antenna extension kits
- Compatible with ConnectAlarm app
- 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
- Compatible with HS2016/ HS2032/ HS2064/ HS2128 control panels
- Compatible with Sur-Gard System I-IP/ II/III/IV/5 monitoring station receivers (System 5 required for Visual Verification)

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.

LE2080E-EU 4G/LTE Wireless Alarm Communicator

The LE2080E-EU 4G/LTE Wireless Alarm Communicator ensures reliable back up alarm communication of the phone line for your home or business. When connected to a DSC HS2016/ HS2032/ HS2064 or HS2128 control panel, alarm reporting paths can be combined through the Public Switched Telephone Network (PSTN), if so desired, plus the cellular network.
It conveniently utilizes the cellular network 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 LE2080E-EU 4G/LTE Wireless Alarm Communicator is an ideal solution for both residential and small-to-medium business environments.

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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 LE2080E-EU 4G/LTE Wireless Alarm Communicator 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 LE2080E-EU 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 LE2080E-EU conveniently utilizes the cellular 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 LE2080E-EU 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 connection.

Encryption & Supervision Services Provide High Security & Increased RMR

With 128-bits 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.

Backward compatible test

LE2080E-EU works with any version of the PowerSeries Neo control panels and is backward compatible with 3G and 2G networks as well. In case 4G/LTE network is not available for any reason, the communicator will automatically switch to either 3G or 2G available network.

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)

Specifications

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

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

Current Draw... 90 mA

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

Approval Listings

European CE Directives (EMC, R&TTE, LVD), EN50131-1, EN50136-1-1/-5 Grade 2, ENV Class II, ATS Class 3,4,5, SBSC (Sweden)

Note: Approval listings above are current as of time of printing. Please refer to www.dsc.com for the most current approval listings.

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