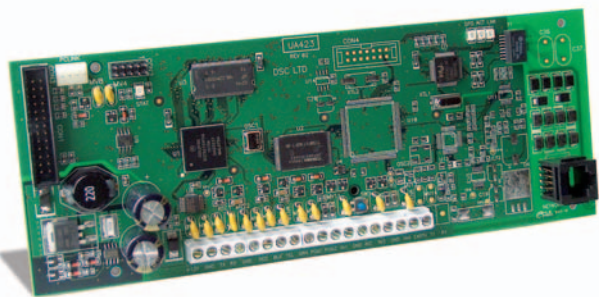# T-Link TL250 Internet Alarm Communicator

Product Features:

- ▶ Supported by Power864™ and MAXSYS® control panels via built-in PC-Link, or stand-alone mode for all other control panels
- ▶ Two-way, always-on IP communication
- ▶ Works over local LAN/WAN network or the Internet
- ▶ 128-bit AES encryption (NIST approved)
- ▶ Supports DHCP (dynamic IP addresses)
- ▶ Reports events to two different receiver IP addresses
- ▶ Polling and hardware substitution protection
- ▶ Low network bandwidth requirements
- ▶ Compatible with 10/100BaseT networks
- ▶ Four on-board programmable inputs (expandable to 12 using PC5108 zone expander module)
- ▶ Two programmable voltage outputs
- ▶ Programmable through the panel keypad or T-Link Console software
- ▶ Software upgrades via network
- ▶ Download control panel via Internet with DLS2002 software

T-Link TL250

The T-Link TL250 is DSC's next generation of low-cost, high-performance network alarm communicators. It uses the latest digital networking technologies to provide secure Internet communications over a private network (LAN/WAN) or the Internet between the control panel and the Sur-Gard™ System III central station receiver. This method provides flexibility and an always-on, two-way line of communication. The T-Link TL250 communication stream is small and requires only a limited amount of network bandwidth; therefore ensuring the integrity of the data being transferred never becomes compromised. To reduce security risks, the T-Link TL250 utilizes industry-leading 128-bit AES encryption, polling and hardware substitution protection.

Value Added

To ensure dependable and timely event notification, the T-Link TL250 is capable of reporting to two different receiver IP addresses – a back-up feature that allows communication to continue in the event one of the IP addresses is inaccessible. The T-Link TL250 can also be programmed to communicate events to two different e-mail addresses. These e-mail addresses can be associated with a personal computer, pager, enabled mobile phone or PDA.
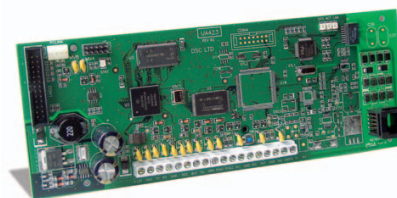
Flexibility

Programming the T-Link TL250 can be accomplished locally using the control panel keypad or T-Link Console software over the IP network connection made directly to T-Link TL250's Ethernet port.

By interfacing to T-Link TL250's four on-board programmable inputs, the unit can be configured to operate as a stand-alone communicator for interfacing existing third-party control equipment. Full two-way communication with the alarm panel and the Sur-Gard System III receiver's IP line card, the SG-DRL3-IP, allows for alarm reporting as well as remote diagnostics and system administration of panel events, user codes and control capabilities.

Secure Communication

The T-Link TL250 utilizes industry-leading 128-bit AES encryption, polling, hardware substitution protection, and application-specific hardware to help eliminate security risks.

Because the T-Link TL250 communication stream is minimal and draws only small amounts of network bandwidth, data transfer remains timely and accurate.

DLS2002 Downloading Software

Simple installation of the T-Link TL250 is assured through utilization of the built-in PC-Link and T-Link Console software. Administration of accounts can be accomplished over the Internet from anywhere in the world using DSC's DLS download software – no other software application is required.

Software updates can be downloaded remotely from any personal computer as the hardware platform of the T-Link TL250 features Flash upgradeable memory.

Compatibility

The T-Link TL250 is compatible with the following control panels via the built-in PC-Link:
- Power864 PC5020 (version 3.2 or higher)
- MAXSYS PC4020 (version 3.31 or higher)

Direct trigger inputs of the T-Link TL250 can be controlled by outputs on any control panel.

Central station IP receiver:
- Sur-Gard System III with SG-DRL3-IP line card

Specifications

Dimensions	3.25″ x 5.25″ (83 mm x 133 mm)
Input Voltage	12V$_{DC}$
Current Draw	250 mA (275 mA with PGM or PC5108)
Operating Environment	32° to 120° F (0° to 49° C)
Relative Humidity	5% to 93%

Ordering Information:
T-Link TL250 . . . . Internet Alarm Communicator
PC5108 . . . . Zone Expander Module

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