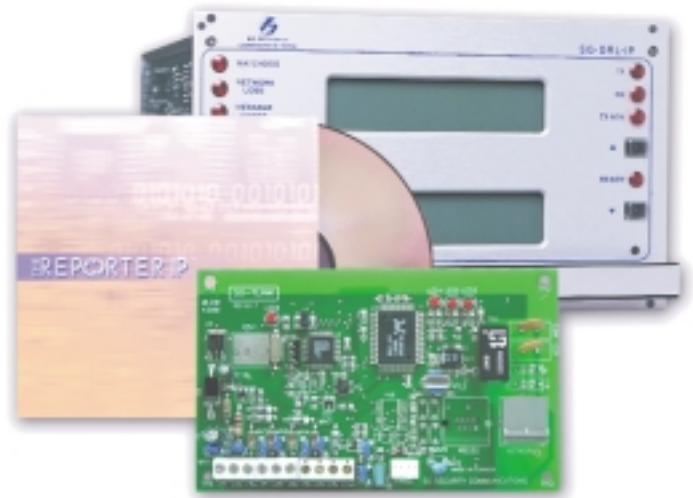# T-Link™ TCP/IP Communicator
DRL-IP Receiver Line Card
The Reporter IP™ Software

The T-Link Solution

The new T-Link TCP/IP (Internet Protocol) transmitter works within your existing Intranet (LAN and WAN) to communicate alarm signals efficiently and economically to the new DRL-IP central station receiver line card or to The Reporter IP™ monitoring software.

Constant connection to the monitoring station provides for a fully supervised link between the module and the panel. Any indication of tampering or network connection trouble is detected by the module, which allows the administrator to respond to the situation instantly.

Through the use of DSC's DLS-3 or System Administrator software, site administrators can request information from the panel, change user information, generate status reports, gather daily maintenance details (schedules, arm/disarm information) from a personal computer via the TCP/IP network.

DRL-IP Receiver Card

The DRL-IP receiver line card is designed to integrate with the Sur-Gard MLR2 family of central station receivers. It provides seamless integration within a monitoring facility, and instantly adds network support to existing automation software. As a facility grows, the receiver can be expanded to support up to a total of 15 DRL-IP modules per receiver. All information communicated to the DRL-IP module is displayed on two large LCD screens.

Reporter IP Software

The Reporter IP alarm monitoring software package is Windows®-based*, and designed to work with the T-Link TCP/IP module. Running on a network PC, the software provides an operator or administrator with a color-coded display of system events, allowing for easy and quick visual identification of all system activity. The Reporter IP uses standardized icons for ease of navigation, and its detailed report generation is ideal for proprietary monitoring applications.
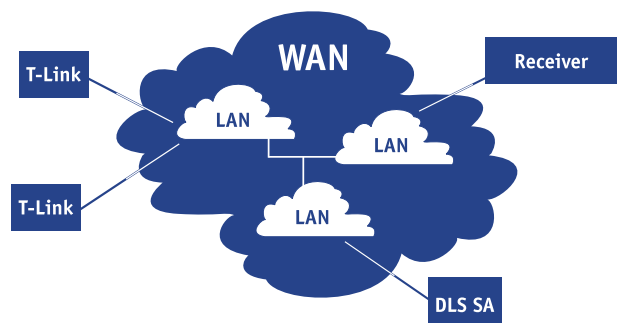
*Windows is a registered trademark of Microsoft Corp.

Features and Benefits

- Works within existing and new networks
- Communicates efficiently and economically with central station or with PC running The Reporter IP software
- Compatible with DSC's DLS-3 and System Administrator downloading software
- Generate status reports from any network PC
- Change access cards and PINs from network PC, at the panel or remotely via TCP/IP network or dial-up modem
- Fully supervised environment between central station receiver, T-Link module and panel
- Detects substitution and tamper attempts and network connection troubles, enabling administrator or central station to respond instantly

Applications

- Apartment and condominium complexes
- Retail chains
- Financial institutions
- ATMs (bank machines)
- Gated communities
- College and university campuses

T-Link Communicator

Communication Method
- Maintains telephone line communications as backup
- Uses the TCP/IP Internet protocol to transmit information quickly to the central station
- Communicates in industry-standard SIA format to central station

Network Requirements
- Compatible with 10BaseT or 10/100BaseT Ethernet
- Static IP address
- Subnet recommended

Compatible Alarm Panels
- DSC Power864 PC5020 Version 3.2 or higher
- DSC Maxsys PC4020 Version 3.31 or higher

Installation
- Mounts easily in the side mounting holes or on a corner-mount bracket
- RJ-45 socket for the 10BaseT Ethernet connection
- Fully programmable from the control panel keypad
- PC-Link™ connection to the panel provides for a quick and easy installation and 2-wire auxiliary power connection.

Supervision and Status Indicators
- Module supervised by the control panel
- All status errors will be displayed on the panel's keypad

General Specifications
• Input Voltage	12VDC
• Current	150mA@12VDC
• Physical Dimensions	3.25" x 5.25" (8.3cm x 13.3cm)
• Operating Temperature	32° to 150°F (0° to 65°C)
• Output Protocols	TCP/IP
• Input Protocols	PC-Link (SIA format)
• Connectors	4-pin header for PC-Link; RJ-45 for Ethernet
• Inputs and Outputs	1 programmable output and 1 tamper input
• Network	Ethernet LAN/WAN 10BaseT or 10/100BaseT
• Call Direction Options	Primary or backup communicator
• Downloading Support	DLS-3 or System Administrator software
• Programming	Panel keypad
• Multiple Central Stations	Primary and backup via phone line
• Approvals	FCC/IC and CE (UL and ULC pending)
• Substitution Detection	Monitoring of unique MAC address

Requirements

DRL-IP
- Required for T-Link communication and DLS
- Supports 255 supervised T-Link accounts, 2 concurrent DLS sessions
- The DRL-IP requires the MLRX-IP receiver expansion cage. **If used with a MLR2-DG please note that the CPM-2 must be version 2.40 or higher. NOTE: Static IP required per line card.**

(**Technical Note:** It is not possible to have both The Reporter IP software and a DRL-IP line card communicating to the same T-Link modules. Each T-Link module can only have one receiver IP address.)

The Reporter IP
- TCP/IP network connection
- 1 static IP address per The Reporter IP installation
- **Minimum**: 350MHz Pentium II CPU, 64MB RAM and a min. 5MB free disk space (excluding database); **Recommended**: 500MHz Pentium III, 128MB RAM, 5GB of free disk space
- SVGA monitor, mouse, keyboard, CD-ROM drive
- Windows 95/98/2000/ME (with IP connection restrictions, or Windows NT 4.0 with Service Pack 4)
- Windows-compatible sound card
- **Minimum**: Video card and monitor configured to display 800 x 600 pixels in 16 bit High Color; **Recommended**: Video card and monitor configured to display 1024 x 768 pixels in 16 bit True Color

DLS-3 or System Administrator Software
- 1 static IP address per software installation
- **Minimum**: 486 DX2-66 CPU, 16MB RAM, and a min. 50 MB free disk space; **Recommended**: Pentium CPU, with 24MB RAM (or more)
- Color monitor, mouse, keyboard, CD-ROM drive
- Windows 95/98/2000/ME (with IP connection restrictions, or Windows NT 4.0 with Service Pack 4)
- 1.44 MB floppy drive (for installing upgrades)
- Ink jet, laser, or bubble jet printer
- Windows-compatible sound card
- **Minimum**: Video card and monitor configured to display 640 x 480 pixels in 16 colors; **Recommended**: Video card and monitor configured to display 800 x 600 pixels or more

Network
- 10BaseT or 10/100BaseT Ethernet; 100BaseT is not supported by T-Link
- All IP addresses used for T-Link components must be static IP addresses. Applies to T-Link modules, DRL-IP and The Reporter IP PCs
- Any routers, hubs, or gateways must support static IP addresses and TCP/IP protocol
- Network PCs which meet the minimum requirements where required for Reporter IP and DLS/SA software
- Proprietary LAN/WAN applications only; T-Link is not recommended for use over a public network due to the reliability of such networks.

Represented by :

SG SECURITY
COMMUNICATIONS
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