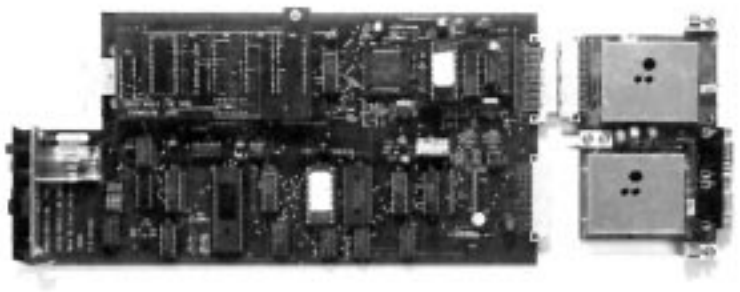
C6560 Line Card and C6565 Terminator Card Specifications Sheet

Features

- 8000 RF Account Number Capacity
- 255 Central Station ID Capacity
- Superior Signal Decoding Capability
- On-board Audio Listen-In
- 1000 Event Buffer
- Decoding of FastLink RF Signals into Radionics Format
- Plug-in, Modular Design Compatible with D6500 Security Receiver



Description

The FastLink C6560 Line Card combined with the C6565 Terminator Card is the central alarm processing unit for the FastLink Long Range RF Alarm Monitoring System. The C6560 Line Card processes alarm and supervisory signals which are received directly through a C471R or C473R Radio Receiver, or relayed through a remote radio repeater. The FastLink System combines high speed data transmission with a unique modulation technique to produce the most reliable long range radio alarm signalling system on the market today. The C6560 Line Card is designed so that it can be upgraded as new reporting formats and features are made available to the FastLink system.

The C6560 Line Card and C6565 Terminator Card become an integral part of the D6500 Security Receiver. Signals which are decoded by the C6560 Line Card are conveyed to the main processing unit of the D6500. From there they are processed and forwarded to the D6500 LCD display, the internal printer and the RS-232 automation port. The automation output must be configured in the D6500 mode.

The C6565 Terminator Card receives demodulated RF transmissions via the audio output of a C471R or C473R Radio Receiver. All FastLink transmissions are verified for accuracy through the use of error detection encoding techniques. If the data is not received correctly, it is discarded.

The C6560 Line Card contains a three minute redundancy buffer which filters out identical radio transmissions. However, if an alarm restores then re-alarms within the three minute period, both the restoral and the new alarm signal will be displayed.

Each C6560 Line Card is programmed at the factory with a System ID number. Any transmission from a remote FastLink transmitter which does not contain the correct SystemID number will be discarded by the line card. This allows multiple central stations to operate on the same frequency within the same geographic area and receive only those signals intended for their central station. It also allows a group of dealers to pool their resources into an RF Network Consortium and share the costs of a radio repeater network while maintaining the ability to decode only signals intended for their company.

Specifications

Power Input

Provided by the D6530 Power supply Card through the backplane connector of the C6560.

Power Consumption

130mA maximum

Radio Receiver Interface

Audio Impedence:	4 ohms to 10K ohms
Audio Level:	0.1V to 1.5V RMS

Environment

Temperature:	120°F (49°C) to 32°F (0°C)
Humidity:	85 % ±5% @ 86°F(±3°F) or ±30°C (±2°C)

Radionics™

Radionics, Inc., 1800 Abbott Street
Salinas, CA 93901
Technical Support: (800) 533-5807