PRODUCT SPECIFICATION **Secure-Com II™ Wireless Packet Modem**

Wireless Digital Packet Data Communication for XR200 Panels

Description

The Secure-Com II™ wireless packet modem allows XR200 Command Processor™ Panels to communicate alarm and system information to the central station over existing nationwide cellular networks.

Secure-Com II provides greater communication protection than hardwire links as there's no risk of cut phone lines. Wireless packet data communication also costs less than leased analog multiplex lines or proprietary radio networks. There's also little up front costs as Secure-Com II takes advantage of existing cellular networks and the wide base of service providers that eliminates the need to build your own network or subscribe to a proprietary alarm network.

Supervised Communication

The XR200 panel's communication format can be fully supervised by the DMP SCS-1 Receiver System. Sophisticated random check-in sequence assures that communication is maintained with the central station. Unique panel ID can be verified during every closing report to detect a panel substitution.

The Secure-Com II modem also provides a built-in TCP/IP and UDP/IP stack for ease of use and an airlink rate of 19,200 bps surpassing the 9600 bps of other methods.

XR200 Network Interface Card

The XR200 panel uses the DMP 462N Network Interface Card and simple cable connection to provide the RS-232 input to the Secure-Com II module. The XR200 panel fully supports all TCP/IP addressing.

Compact Modem

The Secure-Com II modem is compact and can be easily installed inside or in close proximity to the panel enclosure. The modem connects to the 462N card using the supplied DMP Model 392 RS-232 Data Cable. Power for the modem can be provided by the panel's battery or by the DMP Model 389 12 VDC Power Supply. A six-foot power cable is provided with the modem.

Power LED

The Secure-Com II modem also contains a built-in Power LED to indicate that DC power to the modem is in normal condition. The power LED also acts as a flashing Receive Signal Strength Indicator (RSSI).

Strength of CDPD Communication

Several differences exist between the standard cellular data transmission methods in use today and Cellular Digital Packet Data (CDPD) communication. CDPD is a packet switched network that transmits data in discrete packets rather than as a continuous stream of data. CDPD also is based on the proven *Internet Protocol* (IP) addressing for the delivery of data.

System Features

- Supports full DMP communication format
- DMP HST Communication Format is fully supervised by providing a sophisticated random check-in sequence and unique panel ID to detect a panel substitution.
- Works with XR200 Command Processor™ Panel using 462N Network Interface Card
- Operates on the public cellular CDPD network
- Fully supports TCP/IP addressing
- DMP HST Communication Format delivers full data with minimal cellular bandwidth impact
- Contains built-in TCP/IP and UDP/IP stack
- Supports CDPD Versions 1.0 and 1.1
- Transmits at 19,200 bps

Specifications

Operating Voltage	11.0 to 16.0 VDC 13.8 VDC nominal
Current	Transmit: 2.5 Amps maximum Receive: 300mA
RF Power	3 watts maximum
Frequency Range	Transmit: 824 to 849 MHz Receive: 869 to 894 MHz
Protocols	TCP, UDP, SLIP, Telnet

Ordering Information

SECURE-COM II	Wireless Packet Data Modem
386	3dB TNC Cellular Antenna
388	SECURE-COM II Mounting Clip
389	SECURE-COM II Power Supply
392	Replacement Data Cable

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