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PRESS RELEASE

NEW 7450-XLT RF Subscriber Unit for Alarm Transmission with Full Data Transfer!

(Peabody, MA July 8, 2004) The 7450XLT smart subscriber unit links an alarm panel to a central station. This 2-way transceiver and repeater in one is housed in a full size locking steel cabinet for superior performance. The 7450 XLT supports a wide range of inputs such as NO /NC/EOL and direct voltage. It automatically senses line cuts; antenna or cable cuts, and monitors the optional battery or AC power status. The built in power supply with advanced status reporting and self-diagnostics make the 7450XLT the first choice for all fire monitoring needs.

The integrated IntelliTap monitors the alarms panels' digital communicator output. In normal operation the alarm panel dials the IntelliTap designated phone number as the primary central station receiver. The IntelliTap detects this information and receives the data just like a dialer receiver providing handshake protocols to authenticate a successful transfer. The alarm data is then forwarded via the AES-IntelliNet RF wireless network to the central station.

Technical Specifications

7450 XLT Subscriber Unit

Radio: Standard frequency ranges 450-470 MHz and 130-174 MHz

Standard Output power 2 watts (requires FCC license)

Power Input: 16.5 VAC, 30VA

Voltage: 12 VDC nominal

Current: 175mA standby; 800mA transmit

Alarm Signal Inputs:

- 4 individually programmable Zones: NO/NC/EOL, trouble restore
- Telephone line cut monitor,
- Integrated IntelliTap Digital Dialer Receiver
- RS-232

Operating Temperature Range: 0 to 50 C

Storage Temperature Range: -10 to 60 C

Relative humidity range: 0-85% RHC non-condensing

Back up battery: 12V, 4.5 AH option

Low battery reporting: 22.5-minute test cycle

AC status: Reports to central station after approximately 4 minutes without AC power reports power restoral after approximately 4 minutes of restored power

Antenna Cut (local reporting),

Open collector output, 200mA maximum load

Size: 13.25"H x 8.5"W x 4.3"D

Weight: 6.8 lbs / 3.1 Kilograms (excluding battery)

IntelliTap module:

I/O Connections:

- RS232 data link
- Incoming phone line
- Phone output from alarm panel
- House phone

Formats supported 3+1, 4+1, 4+2

Contact ID / Point ID

Controls 1 reset switch

Jumper pins for programming

Central Station requirements AES receivers V1.65 or higher

AES NET7K V1.49 or higher

Wireless mesh networking is an innovative technology that is rapidly being adopted by many industries with applications that need to communicate data over a large geographic area with a high level of

reliability at a low cost of ownership. The advanced design and 2-way communications capability provides easy installation, expansion, and management when compared to alternative communication methods, both wired and wireless.

AES-IntelliNet is the industry leader in delivering high quality wireless mesh networks to the fire and security industry in commercial, corporate, government, and educational applications with its broad line of products and advanced network management tools. Users of AES-IntelliNet networks have gained significant revenue, communications, and cost advantages while meeting the high standards of reliability required for the fire and security industry. AES-IntelliNet alarm monitoring systems are deployed at hundreds of thousands of locations in over 130 countries.