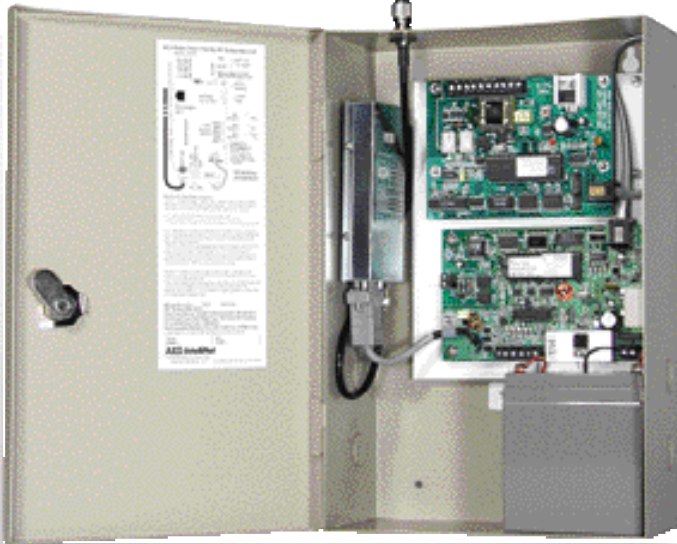


# 7450-XLT



## RF Subscriber Unit for Alarm Transmission with Full Data Transfer!



- 4 Programmable Zones
- Integrated IntelliTap II
- Supports Contact ID
- Telephone line cut monitoring with 1, 2, 3 minute delay

### Available Configurations

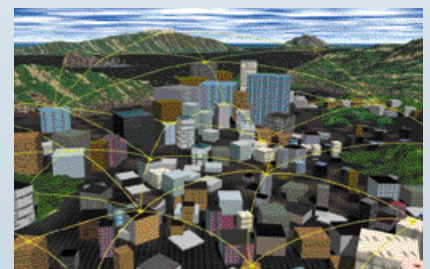
- 7450-XLT Standard Case With IntelliTap
- 7450-XL Standard Case

### Advanced Wireless Alarm Monitoring

The 7450XLT smart subscriber unit links an alarm panel to an alarm monitoring 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 phone line cuts and antenna cuts, and monitors battery and AC power status. The built in power supply with advanced status reporting and self-diagnostics make the 7450XLT the first choice for all wireless monitoring needs.

### Integrated IntelliTap II Provides Full Data

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. The 7450 XLT is available without the integrated IntelliTap. Please specify the 7450 XL.



Wireless mesh networking is an innovative technology 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 total 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.

# 7450-XLT

## Technical Specifications

### Subscriber Unit

#### Radio

Standard CSAA frequency ranges:

- UHF - 410-470 MHz (and others)
- VHF - 150-174 MHz (and others)

#### Standard Output Power

- 2 watts (requires FCC license, or equivalent)
- Optional 5 watts

#### 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 (with XLT configuration)
- 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

34 cm x 21.5 cm x 11 cm

#### Weight

XLT 6.8 lbs / 3.1 Kilograms (excluding battery)

XL 6.5 lbs / 2.9 Kilograms (excluding battery)

#### IntelliTap Module

(Only with XLT Configuration)

#### 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

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 50 countries.



For more information

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