FEATURES

- Offers Best Price/Performance
- Mounts in Existing Alarm Panel
- Small Size Reduces Shipping Costs
- Eliminates Need for Separate Enclosure and Power Supply
- Modular Design

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.

Wireless Alarm Communications Integrated Inside the Alarm Panel

7350 Integrated Transceiver Kit

The AES 7350 Integrated Transceiver Kit (ITK) is primarily an AES Printed Circuit Board (PCB) and radio integrated into a single component case. It is designed to be housed as an add-in communications component to a customer's alarm panel rather than to be deployed in a separate enclosure with a separate power source. The small footprint and component-type design offer a very cost effective solution to deploying and expanding an **AES-*IntelliNet*®** private wireless mesh network for those who can install them into existing alarm panels.

Easy Installation

The 7350 transceiver is installed by mounting it into a customer's alarm panel. From there, the alarm panel's alarm outputs and power are connected to the 7350 transceiver. The AES-*IntelliNet* antenna is secured to the alarm panel enclosure and connected to the 7350 transceiver. The 7350 Transceiver self-enrolls into the AES-*IntelliNet* wireless network, receives signals from the alarm panel and transmits them via wireless mesh radio to the AES-*MultiNet* central station receiver.

Low Power Requirements

The 7350 Transceiver is installed into an alarm control panel and draws power from the alarm panel's power supply, thereby eliminating the need for a separate power supply. The steady state current draw is only 150mA. The peak current draw of 1000mA to 1500mA for RF power output levels of 2W-5W respectively, are only for a very short transmit duration of less than 1/3 second thereby allowing it to use the standard power supply of most alarm panels.

TECHNICAL SPECIFICATIONS

PLL RADIO
UHF – 450-480 MHz
VHF –150-174 MHz

STANDARD OUTPUT POWER
2-5 watts

VOLTAGE
12 VDC nominal

CURRENT
150mA Standby
1A Transmit (2W)
1.5A Transmit (5W)

ALARM SIGNAL INPUTS
- 4 individually programmable Zones: NO/NC/EOL, trouble restore
- Telephone line cut monitor

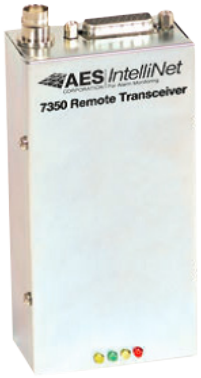
OPERATING TEMPERATURE RANGE
0° to 50°C (32° – 122°F)

STORAGE TEMPERATURE RANGE
-10° to 60°C (14°–140°F)

RELATIVE HUMIDITY RANGE
0-85% RHC non-condensing

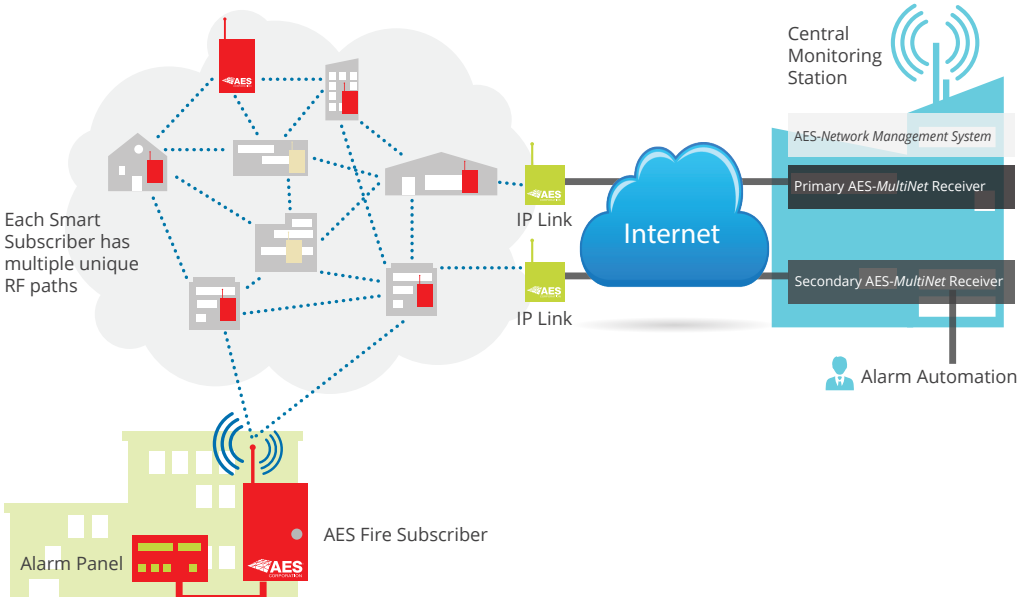
SIZE
2.25"W x 1.25"D x 4.75"L
(5.7cmW x 3.2cmD x 12cmL)

WEIGHT
8.9 oz. (276 grams)



Optional Accessories
7085 RF Programmer
7041 Subscriber Programmer
7067 AES-*IntelliTap*

Modular Kit
Each 7350 ITK comes with the integrated AES PCB and radio along with a standard omni-directional antenna. The ITK also includes a 26 pin interface board for connecting to the alarm panel's power and outputs. The antenna supplied is a 2.5 dB antenna with a TNC male to BNC male assembly specified for the customer's frequency range. The radios are programmable for frequencies in the UHF and VHF ranges.



About AES Corporation
AES Corporation is the leading manufacturer of code compliant wireless alarm communication products and solutions serving commercial security markets and government agencies worldwide. **AES-*IntelliNet*®** patented technology will never sunset compared to obsoleting technologies such as cellular and traditional phone lines. AES private mesh radio networks are owner operated and controlled, providing infinite scalability and superior reliability with the fastest transmission speed available. Over a half million AES Smart Subscribers are installed worldwide. AES is the clear choice for life safety and security, protecting people and property for over 40 years.