

7705i AES-MultiNet



UL-Approved Advanced AES-IntelliNet Wireless-to-Internet Receiver System



Link Multiple AES-IntelliNet Networks and Increase Capacity

The 7705i AES-MultiNet system is a UL approved advanced wireless-to-Internet receiver designed to support multiple AES-IntelliNet wireless mesh networks. Municipalities that operate large or geographically dispersed AES radio networks can link them together via the Internet. The addition of the 7705i also allows customers to increase the capacity of their AES-IntelliNet networks.

Advanced Wireless-to-Internet Communications

The 7705i MultiNet System is a high-powered Linux based server integrated with an AES-IntelliNet receiver in a rugged rack mounted case. Combined with the 7170 Remote Receiver, the 7705i MultiNet allows geographically distributed public safety offices to set up and manage multiple AES-IntelliNet wireless mesh networks and transmit the data to a central location anywhere via the Internet.

The key AES-MultiNet system components are:

- **7705i Receiver** – A rugged rack mounted receiver that contains the AES receiver integrated with the Linux server.
- **7170 Remote Transceiver** – The 7170 collects AES-IntelliNet wireless signals and converts them to Internet packets for transmission to the 7705i receiver.
- **Logging Printer** – An 80 column printer to provide hardcopy backup of all alarm communications.

- Connect Multiple AES-IntelliNet Radio Networks to Central Dispatch Facilities
- Increase Capacity of Existing AES-IntelliNet Networks
- Control Communications Network from Dispatch
- Wireless Alarm Communications Network Replaces Telephone Lines and 100 ma systems for Fire Monitoring
- UL Listed and NFPA-72 Compliant

UL Listings

UL 827	UL 681
UL 2050	UL 864 Rev 9
UL 1610	UL 365
UL 609	

NFPA-72 Chapter 8



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.

WARN System

Wireless Alarm Reporting Network
Using the *Intellinet* Multinet System

Main Equipment



Dispatch Station



- Flush mount monitor reduces clutter
- Trim ring (not shown)



NFPA 1221-9 Compliant

Enhanced Automation Software for Fire Dispatch Service

Main Features

- Date System turned on Data
- Building Usage Data
- Contact information, phone, fax, email and pager
- Auto notify option available
- Exclusive Event Type Multi-color display
- Exclusive Event Type Multi-sound Audio
- Fire Alarm Control Panel Information (how to operate, etc.)
- Zone information (location, who to call, hazardous material)
- Required response by zone (Type of response required for an alarm)
- Account Specific designated note pads per building (Run Apparatus, Hazmat, Contacts) etc
- Response notes (allows log in of type of response used to close event)
- Remote Relay control (optional)
- **Place Building Systems on test by Selective Zones**
- **Remote access for 24 hr anywhere, anytime troubleshooting and support**
- Security & Medical formats included
- Auto remote notification for any signal (optional)
- Multi user (optional)
- 100 Mil Duplex Interface(optional)
- NFIRS CAD Interface(Optional)
- Automatic off site Data Base Backup
- Automatic off site System Status Reporting
- **Remote system display and control for field testing of systems**
- **Partitioned operation for Regional Dispatch**