

# 7700/UL



## Wireless Mesh Network Receiver System

UL listed & NFPA-72 Compliant for Alarm Monitoring



The 7700 Central Receiver is the preferred choice for applications that require a UL and NFPA listed receiver system for alarm monitoring. Designed to provide rugged, reliable, service, the 7700 meets a wide range of UL standards. Dual redundancy is built-in with both a primary and backup system available to maintain monitoring, multiple outputs, and printer logging.

### Supports All Fire & Security Alarm Panels

The 7700 Central Receiver provides network management, diagnostics, and communications with alarm automation software via Radionics 6500 or Contact ID.

### Key Components

**7703 Central Receiver** – The network Hub. This dual system has a primary and backup receiver.

**7700 Network Computer** – The AES network management software Net77 resides in this advanced computing platform and provides a powerful user interface for managing remote subscriber units, programming functions, diagnostics, control functions and integrating the AES wireless alarm communication network with the fire alarm control panels and alarm automation software.

Wireless alarm communications network replaces telephone lines for Fire and Burglary Monitoring

### NFPA and UL Listings

UL 827

UL 681

UL 2050

UL 864

UL 1610

UL 365

UL 609

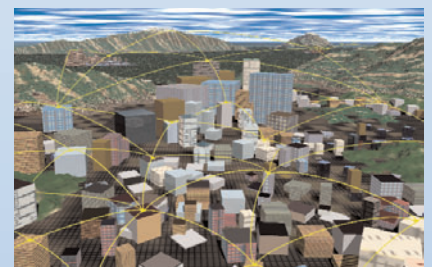
NFPA 72 National Fire Alarm Code Compliant

Local Protective Signaling Systems

Remote Station Protective Signaling System

Central Station Protective Signaling Systems

Proprietary Protective Signaling Systems



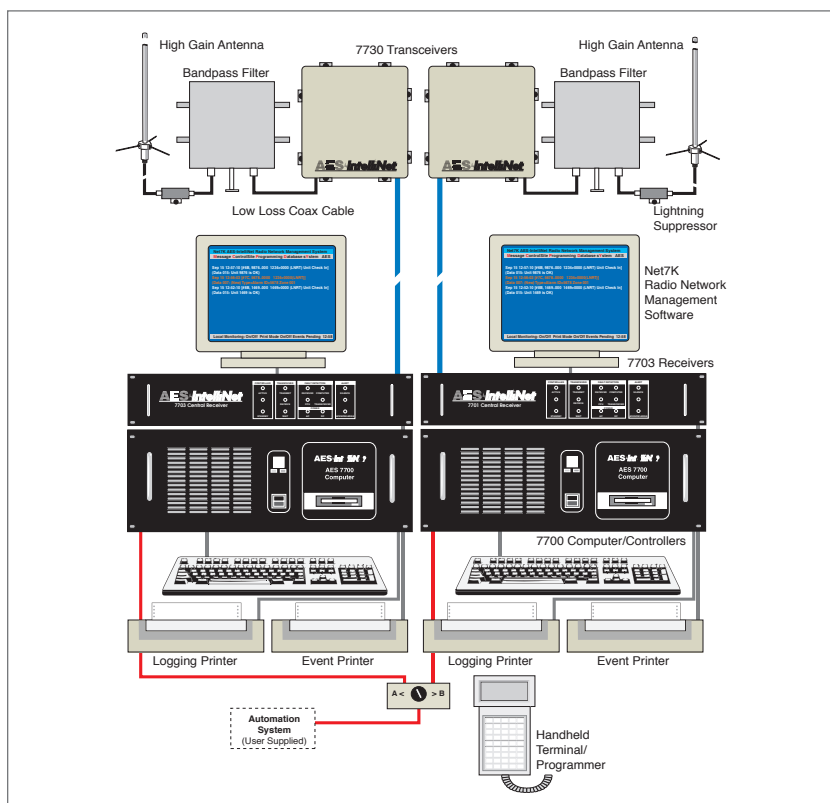
Wireless mesh networking is an innovative technology adopted by many industries with applications that need to communicate data over a large geographic area with a high level of reliability at a low total cost of ownership.

The advanced design and 2-way communications capability provides easy installation, expansion, and management when compared to alternative communication methods, both wired and wireless.

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**7730 Transceivers** – Housed in a rugged case the 7730 maximizes the power of the RF wireless network for peak performance.

**Quality Accessories** – High Gain Antennas, Bandpass Filters, low loss cable, and a handheld remote terminal are included to improve performance.



7700 UL Dual Redundant Configuration

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.



For more information

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## Technical Specifications

### Radio

Standard Frequency ranges –  
450-470 MHz (others available)

Standard Output Power –  
2 Watts (others available)

UHF 450-480 MHz

VHF 150-174 MHz

### 7703 Receiver/7730 Transceiver

#### Power Input

16.5VAC, 40VA

#### System Voltage

12VDC Nominal

#### Size

7703 System Receiver –

3.5" x 19" x 10"/8.9 x 48 x 25 cm

7730 Radio Transceiver –

14" x 11.5" x 6"/35.5 x 29 x 15.2 cm

### 7700 Computer/Controller

#### Power Input

115/230V, 50/60 Hz

#### Size

7" x 19" x 21"/17.7 x 48 x 53 cm

#### Event Logging Printer

Epson LX-300+ 264 CPS

80 character Dot Matrix Printer

#### Power Input

115V, 60Hz

#### Size

8" x 16" x 11"/20 x 40.6 x 28 cm

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