



7705ii MultiNet Receiver



Overview

The 7705ii AES MultiNet Receiver is built to receive all alarm signals from the AES Mesh Network via IP Links and Hybrid Subscribers, and can transmit via IP directly from a 2.0 Subscriber. The robust hardware processes and forwards all alarm information to the central station's alarm automation software.



7705ii MultiNet Receivers are sold in pairs to provide redundancy, satisfying UL requirements. Disaster recovery is possible for both local and geographically diverse locations for up to 8 receivers.

Feature Highlights

- 1.6GHz Processor with 2MB Cache
- Hard Drive SSD 256GB
- 4x USB 3.0 / 8x USB 2.0/ 2x SATA Port (6Gb/sec)
- Expanded Memory Dual-channel DDR4-2133
- Improved Linux Operating System
- Automatic Power Recovery
- Silence and Acknowledge Buttons
- Sounder
- LCD Screen

Key Benefits

- Improved Throughput
- Higher Storage Capacity
- Quick Boot and Load Times
- Enhanced Security

Network Planning

It is important to note that the 7705ii MultiNet Receiver units do not pair with the first-generation AES 7705i units as primary, secondary, or backup units. However, the 7705i receiver units can still operate on an existing network, as long as its primary and secondary units are the same.

Effective January 1, 2025 the first-generation 7705i Receivers will no longer be supported.

Models

7705ii MultiNet Receivers	
7705ii	AES-MultiNet Next Generation Central Station Receiver, Pair
7705ii-S	7705IIS AES-MultiNet Next Generation Central Station Receiver, Single Unit
7705ii-C	AES-MultiNet Next Generation Central Station Receiver, Pair, Canadian Version
7705iiS-C	AES-MultiNet Next Generation Central Station Receiver, Single Unit, Canadian Version

Technical Specifications

DIMENSIONS

- Standard 2U 19" rack enclosure configuration
- 19" W x 3.5" H x 12.24" D*
- (48 cm x 8.8 cm x 31.1 cm)
- *13.25" D (33.7 cm) including rack handles, minimum rack depth approximately 16" to allow for cables and connectors

WEIGHT

9 lbs (approximate), 4.0 kg

POWER INPUT

120 VAC 60 Hz

POWER CONSUMPTION

200 Watts Maximum

INTERFACE CONNECTIONS

- RJ11 Telephone Line Connection
- (2) Serial COM Ports
- VGA Output
- HDMI Output
- (2) RJ45 for Ethernet Connection
- (4) USB Ports

ENCRYPTION

AES 128 Bit

OPERATING SYSTEM

Linux

OPERATING CURRENT

0.6 Amps

OPERATING VOLTAGE

120 VAC, 60 Hz. +/- 10%

OPERATING TEMPERATURE

55° to 95° +/-3° F
(13° to 35° +/-2° C)

STORAGE TEMPERATURE

4° to 140° F
(-10° to 60° C)

UL LISTINGS

- Central Station Alarm Units
- Police-station-connected Alarm Units
- Control Units, System

ENCLOSURE

Rack mountable Steel face plate with aluminum housing



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