



7707 Fire Subscribers

# IntelliNet 2.0

## Feature Highlights

- Offers flexible power and configuration options.
- Engineered for backward compatibility with legacy systems.
- Enables future ready capabilities.
- Provides instant Subscriber status through front panel with Power and Trouble LEDs, a backlit LCD display, and Menu/Silence button.
- Includes dual communication/multiple communication technology (reporting over RF and IP).
- Improves functionality with an adaptive Graphic User Interface (GUI) for programming via smartphones, tablets, and PCs.



## Key Benefits

- Built upon the solid foundation of AES-IntelliNet® patented mesh radio technology for use in private licensed wireless networks.
- Protects Subscriber units against unauthorized access and rogue activity with a password protected Dealer Code.
- Makes programming and streamlined troubleshooting easy with user friendly interface.
- Adds integrated supervision of 7794A AES-IntelliPro full data module.
- Provides versatile power options.

## Models

IntelliNet® 2.0 Fire Subscribers	
7707P-88-M	IntelliNet 2.0 Fire Subscriber, 8-Zone with Multiple Communication Technologies (MCT), Red Enclosure
7707P-88-ULP-M	IntelliNet 2.0 Fire Subscriber, 8-Zone with 7794A AES-IntelliPro and Integrated Onboard Local Annunciator, plus Multiple Communication Technologies (MCT), Red Enclosure
7707P-44-M	IntelliNet 2.0 Fire Subscriber, 4x4 Zone (4 Reversing Polarity, 4 Supervised) with Multiple Communication Technologies (MCT), Red Enclosure
7707P-44-ULP-M	IntelliNet 2.0 Fire Subscriber, 4x4 Zone (4 Reversing Polarity, 4 Supervised) with 7794A AES-IntelliPro and Integrated Onboard Local Annunciator, plus Multiple Communication Technologies MCT, Red Enclosure

# Technical Specifications

## DIMENSIONS

13"H x 8.5"W x 4.5"D  
(33cm H x 21.5cm W x 11.4cm D)

## WEIGHT

- 15.85 lbs (7.2 kilograms) with 12Ah battery
- 7 lbs (3.2 kilograms) excluding battery

## RADIO FREQUENCY

Standard Frequency Range:  
450-470 MHz  
*Contact AES for other UHF and VHF frequencies*

## ANTENNA

2.5 dB Tamper resistant antenna included

## POWER INPUT

- 16.5V AC Class 2 Transformer  
*Transformer not included*
- 24V DC External Regulated Power Supply
- 24V DC Regulated Power Supply from FACP AUX Power

## BACKUP BATTERY

12 Ah with 7794A; 6 Ah without, UL recognized lead acid gel cell battery  
*Size based on Subscriber configuration*

## CURRENT CONSUMPTION

### Backup Battery Power

- Standby = .190A
- Transmit = .752A
- Optional 7794A = .165A, Standby and Alarm

## ALARM SIGNAL INPUTS/ ZONES

- 8 Individually programmable E.O.L. type zone inputs
- 4x4 Option with 4 reverse polarity input and 4 individually programmable E.O.L. type zone inputs
- Optional 7794A AES-IntelliPro for full data via Contact ID, Pulse, Modem IIe, and Modem IIIa2

## UL LISTINGS

- UL 864 Standard for Control Units and Accessories for Fire Alarm Systems, Edition 10
- ULC S559-04 Equipment for Fire Signal Receiving Centers and Systems, Edition 1

## TROUBLE OUTPUT—ACK DELAY/ANTENNA CUT

Form C relay, fail secure, rated 24V DC 1A resistive, unsupervised

## RESET BUTTON

Located on main circuit board

## OPERATING TEMPERATURE

32 to 120°F (0 to 49°C)

## STORAGE TEMPERATURE

14 to 140°F (-10 to 60°C)

## RELATIVE HUMIDITY

0 to 93%, non-condensing

## PORTS

- (1) Ethernet
- (2) USBs

## ANNUNCIATOR

Integrated Local Annunciator

## PROGRAMMING INTERFACE

Web browser capable device accessible via smartphone, tablet, laptop, or PC

## POWER OUTPUT

2 or 5 Watts

*Contact AES for other options*

## ENCLOSURE MATERIAL

Metal with paint finish

## FINISH COLOR

Red

## VISUAL INDICATORS

- Front panel LCD (2 x 20 alphanumeric character backlit display)
- Power and Trouble LEDs (ALM, Trouble, Tx, Rx, WA)
- Menu/ Silence button



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