

UL Listed

# 7744/7788

**AES** IntelliNet  
CORPORATION | For Alarm Monitoring

## NEW!

## RF Subscriber Unit

UL Fire, AA Burglary and NFPA-72 Compliant

UL Listed

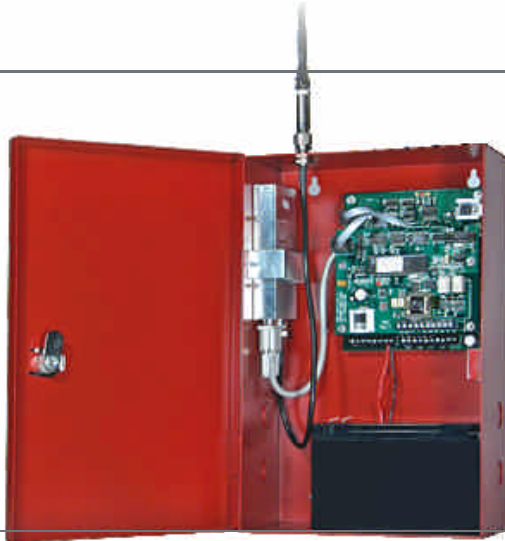
UL Listed Central Station

Remote Station

864 Ed. 9, 827, 1610, 365, 681

CSFM

NFPA RF Section 8.6.3.5



### Advanced Wireless Alarm Monitoring

The 7744/7788 smart subscriber unit links an alarm panel to an alarm monitoring central station. This 2-way transceiver and repeater in one is housed in a full size locking steel cabinet for superior performance. The 7744/7788 supports a wide range of inputs such as NO/NC/EOL and direct voltage. It automatically senses wire and antenna cuts, and monitors battery and AC power status. Advanced status reporting, self-diagnostics and a built-in power supply make the 7744/7788 the first choice for all wireless alarm communication needs.

### Full Data for Fire and Burglary

Use with the optional Firetap for full fire data or the IntelliTap for full fire and burglary data.

#### Available Configurations

**7744** – 4 reversing polarity inputs plus 4 programmable EOL inputs

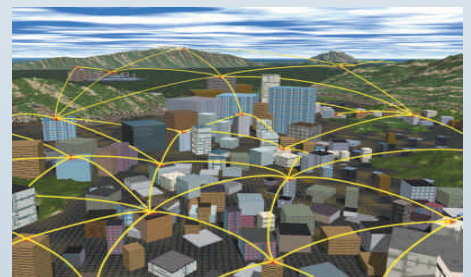
**7788** – Programmable EOL inputs with 8 zones

#### Available Options

FireTap 7770  
IntelliTap 7067  
NEMA 4 Enclosure  
High Gain Antenna  
Additional Back Up Battery  
Available in Burglary Beige or Fire Red

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- Options for Full Data for Fire and Burglary
- Available in 7744 & 7788 Zone Configurations
- Built-in Power Supply and Battery Charger
- Local Annunciation Options on Board



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.

# RF Subscriber Unit

## Technical Specifications

### Radio

Standard CSAA frequency ranges: 450-470 MHz and 130-174 MHz, VHF and UHF. Others available

### Standard Output Power

2 watts (requires FCC license)

### Power Input

16.5 VAC, 40VA UL listed  
Class II transformer required

### Voltage

12 VDC nominal

### Current

175mA standby; 800mA transmit

### Alarm Signal Inputs

- 4 individually programmable Zones: NO/NC/EOL, trouble restore
- RS-232
- Reversing voltage (7744 only) 12 or 24 VDC

### Operating Temperature Range

0° to 50°C, 32° to 122°F

### Storage Temperature Range

-10° to 60°C, 14° to 140°F

### Relative Humidity Range

0-85% RHC non-condensing

### Back up Battery

12V, 7 AH

### Low Battery Reporting

22.5-minute test cycle

### AC Status

Reports to central station after approximately 60 minutes without AC power, reports power restored after approximately 60 minutes of restored power. programmable from 60 to 180 minutes

### Antenna Cut (local reporting)

Form 'C' Contact 1 AMP

### Size

13.25"H x 8.5"W x 4.3"D  
34cm x 21.5cm x 11cm

### Weight

6.4 lbs, 2.9 Kilograms  
(excluding battery)

### Colors

Available in standard  
Burglary Beige or Fire Red  
Please specify when ordering

### Available Options

- 7788 RF subscriber unit with 8 EOL inputs
  - 7744 RF subscriber unit with 4 EOL inputs and 4 reverse polarity inputs
  - 7770 - FireTap
  - 7067 - IntelliTap
  - NEMA 4 Enclosure
- Please specify when ordering

## Available configurations

- 7788, 8 EOL inputs
- 7744, 4 EOL inputs w/4 reverse polarity inputs

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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