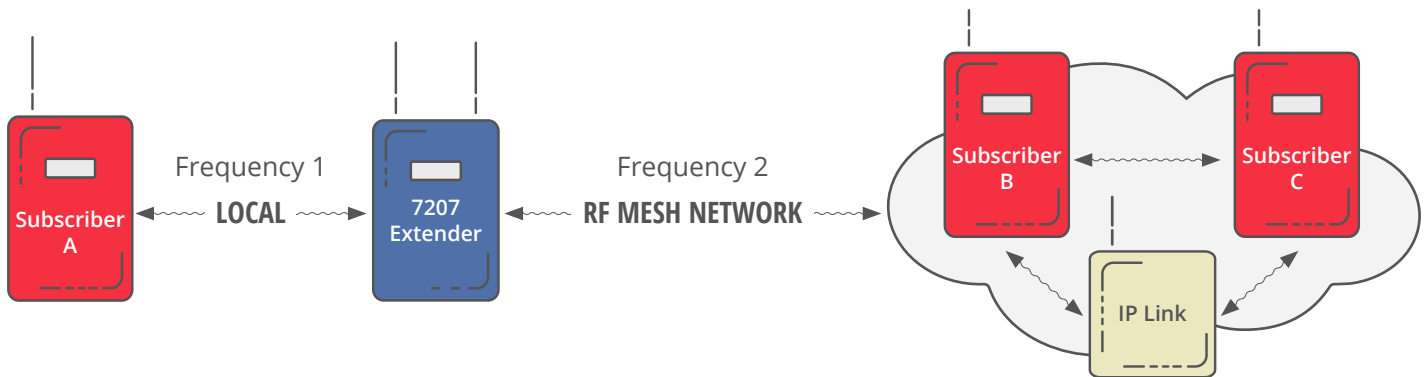


## 7207 Extender

The AES 7207 Extender provides connectivity to an overall RF mesh network by wirelessly connecting a Subscriber (Subscriber A, below) to the Extender using an unlicensed FRS frequency (Frequency 1\*). The extender will communicate all Subscriber signals to the network using its licensed frequency (Frequency 2).

The 7207 Extender is ideal for those installations where it is challenging to get a signal out of a building. Today, these installations would entail remoting an antenna outside of the building with the need to run cables from the basement to the rooftop. With the Extender, there is no need to run cables, saving time and money with each installation.



### Product Tip

For the Extender to work properly it should be placed in a location where it has two good paths (Netcon 5) and is in the same building as the Subscriber. An example of a typical installation would have the 7207 Extender installed near the roof to provide connectivity to both the overall mesh network and to the Subscriber located on a lower floor.

\*Frequency 1 will utilize 1 of 22 unlicensed FRS (Family Radio Service) channels in the 462 MHz to 467 MHz range.

## Technical Specifications

### DIMENSIONS

13 in H X 10 in W x 4.5 in D  
(33 cm x 25.5 cm x 11.4 cm)

### WEIGHT

9.7 lbs. (4 kg.), Without Battery

### FREQUENCY

1 of 22 Unlicensed FRS (Family Radio Service) 462-467 MHz Range

### ANTENNA

(2) 2.5 dBi Tamper Resistant Antennas Included

### RESET BUTTON

Located on Main Circuit Board

### POWER INPUT

16 VAC

### BACKUP BATTERY

12 V 7.5 AH

### CURRENT CONSUMPTION

- 7207 – Standby w/o Backup Battery: 210 mA (940 Transmitting)
- 7207 – Standby w/ Charged Backup Battery: 230 mA (960 Transmitting)
- 7207 – Standby + Charging Backup Battery: 890 mA (1.64 A Transmitting – Maximum)

### INTERTEK LISTING

Tested to UL 864, *Control Units and Accessories for Fire Alarm Systems*

### 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

### POWER OUTPUT

2 or 5 Watts

### ENCLOSURE MATERIAL

Metal

### FINISH COLOR

Navy Blue

### VISUAL INDICATORS

Front Panel LCD (2 x 20 Alphanumeric Character Backlit Display)

- Menu/ Silence Button
  - Power and Trouble LEDs
- On Main Board**
- Tx, Rx

### ANNUNCIATOR

Integrated Local Annunciator

