7207 Extender

FREQUENTLY ASKED QUESTIONS

Q: How does the Extender work?

A: The Extender provides connectivity to an overall RF mesh network by wirelessly connecting a Subscriber that is in the basement, or a lower level of a building, to the Extender using an unlicensed frequency. The Extender will then communicate all of the Subscriber's signals to the overall mesh network using its licensed frequency.

Q: How will I know if the Extender stops working?

A: If the Extender is not receiving or sending signals, the Subscriber it is connected to will go into fault and will trigger a late check-in. Additionally, the local FACP/Subscriber will annunciate due to the RF comm. fault being triggered.

Q: How will I know if the Extender has a low battery?

A: The Extender has a local annunciator, which will sound if the battery is low. Since many of these Extenders will be placed in a location where it may be hard to hear the annunciator, we recommend checking the battery after two years.

Q: How will I know if an Extender is in use when visiting a Subscriber for service?

A: AES installs a sticker that states, "Extender in Use", on the side of the transceiver that will be installed into the Subscriber. This sticker will be visible to a technician if the Subscriber needs service in the future.

Q: How secure is the unlicensed frequency that is used to connect the Extender to the Subscriber?

A: The unlicensed frequency used is one of many Family Radio Service (FRS) channels in the 462 MHz to 467 MHz and is considered to be secure. This frequency is only being utilized for local connection between the Subscriber and Extender. A licensed frequency is used between the Extender and an overall network keeping it safe from hackers.

Q: Is the Extender UL 864 Listed?

A: No. The Extender is ETL (Intertek) Listed and tested to meet UL 864 standards for Control Units and Accessories for Fire Alarm systems.

Q: Is the Extender ETL listed for Canada?

A: No. At this time the Extender is only ETL listed for USA.

Q: If two Extenders from different customers are installed near each other, will there be interference with the Extenders?

A: No. Different customer Subscribers have different cipher codes. If *customer A's* extender received a packet from *customers B's* Subscriber, the packet would be discarded because it would not recognize it.

Q: The Extender does not have a tamper switch so how will I know if someone has opened the enclosure and disconnected something?

A: If the Extender is tampered with and no longer working, the Subscriber it is connected to will go into fault and will trigger a late check-in. Additionally, the local FACP/Subscriber will annunciate due to RF comm. fault being triggered.