

The rapid deployment of the HDM device is accomplished by 3 things: preparation during manufacture, software method, and user action.

Preparation during manufacture:

1. A prepaid SIM card is inserted into the cellular modem, activated and paid through a number of years
2. A unique activation code is stored within the device's nonvolatile memory
3. A paper card with the device's unique phone number and activation code is printed and included with the HDM device
4. The battery back up is charged

Software method:

1. Whenever the device is powered on the cellular modem connects to the cellular network
2. The device waits for a text message containing the unique activation code
3. Upon receiving any text message the software compares it to the activation code stored in the device's nonvolatile memory
4. If the SMS message contains the activation code the originating phone number is stored in nonvolatile memory
5. The stored phone number is now used as the SMS link for sending alarms and status messages as well as receiving commands

User action:

1. Remove the HDM device from its packaging and retrieve the paper card with the activation information (< 1 minute)
2. Position the HDM device near the primary access door (< 1 minute)
3. Plug the HDM device in and it will automatically power up (if there already a power outage the device will power up from the battery back up with a press of the power button) (< 15 seconds)
4. Evacuate the home and when in a safe location send a text message containing the activation code to the device's phone number as indicated on the paper card (<15 seconds)

Note that the times shown are only estimates of the worst case deployment time. The device can be deployed in less than 3 minutes from removal from package to resident evacuation.

Other configuration information such as WIFI credentials are optional; however, they can be entered after evacuation through the SMS link or prior to evacuation through the bluetooth communication channel.