1. Determine Signal Strength and Select a Location

The communicator must be mounted indoors. When choosing a suitable mounting location, understand that signal strength is very important for proper operation. For most installations using the internal antenna, mounting the unit as high as practical, and avoiding large metal components provides adequate signal strength for proper operation.

In this step, you will use the communicator to determine signal strength in order to find a suitable mounting location.

Note: If the SIM is already activated, the RSSI signal strength indicators will indicate signal strength. (The SIM in the GSMV4G and IGSMV4G is already activated.)

If the SIM has not been activated, the firmware in the communicator enables it to communicate with the cellular network towers (without the SIM being activated) so that signal strength measurements can be taken. In this case, you can display the signal strength by simultaneously pressing the TAMPER and MODE switches. Allow at least 60 seconds for a reading to establish.

2. Mount and Wire the Communicator

1. Locate the case back over the selected mounting position such that the opening in the case back is aligned with the wire/cable opening on the mounting surface.
2. Pass the wire/cable through the opening in the case back, route through the removable side knockouts located on the back cover. Then secure the case back to the mounting surface using four screws (supplied).
3. Make the following connections:
   - Connect one end of the Ethernet cable (Category 5) to the communicator’s RJ45 Ethernet connector and the other end to the cable/DSL router as shown in the figure.
4. When all wiring has been completed (including the Internet cable if used), attach the case back. Position the top first, then press the bottom section until it snaps in place. Secure the case back using the supplied cover screw. (Required for UL installations.)
5. You may power up the communicator and control panel.

3. Connect the Internet Cable (GSMV4G / IGSMVCN4G only)

Connect one end of the Ethernet cable (Category 5) to the communicator’s RJ45 Ethernet connector and the other end to the cable/DSL router as shown in the figure.

- For UL installations, the Ethernet connection between the communicator and the router cannot exceed 12 feet. Both units must be located within the same room.
- Use a Listed cable/DSL router suited for the application.

Dealers can enroll their customers for “Remote Services” by using the AlarmNet Direct website. Once enabled, the specific programming fields associated with these features can be programmed into the communications device either remotely using the AlarmNet Direct website or locally using the 7720P programming tool.

1. Unpack the communicator and open the case by pushing in the two bottom tabs with a screwdriver while separating the case front.
2. Temporarily connect the AC transformer or battery to the communicator.
3. Choose the installation site with the best signal strength by simultaneously pressing the TAMPER and MODE switches. (Required for UL installations.)
4. Mark the location for the communicator.

Honeywell offers secure web based services that enable users to remotely monitor and control their security system. These web services enable users to: monitor and control their security system from a website or smartphone, receive email notifications of system events, and receive event confirmations.
4. Connect and Route the Audio Cable for Two-way Voice (if used)

The communicator requires an optional audio cable (GSMV-AUDIO, grey) to support two-way voice using an AVS Base Unit. Note the AVS Base Unit is part of Honeywell’s Audio Verification System. This system consists of the AVS Base Unit, Remote Station, and the Remote Station PC board. For detailed information, please refer to the AVS Audio Verification System documentation. Follow the guidelines below for connecting the audio cable.

1. Power down the communicator, control panel and AVS Audio Verification System. (When the communicator is fully wired up, restore power to the control panel and AVS Audio Verification System.)
2. Connect one end of the audio cable to the audio connector located on the small PCB board.
3. Route the audio cable to the connector on the AVS Base Unit and connect the cable.
4. Ensure the audio cable ends are secured with tie wraps to reduce strain.

5. Setup the Account, Activate the SIM, Program, and Register the Communicator

SETUP THE ACCOUNT

To setup the customer account you will need to contact the central monitoring station to get account information, and have access to the AlarmNet Direct website. To access the AlarmNet Direct website visit – https://services.alarmnet.com/AlarmNetDirect

If you do not wish to use the AlarmNet Direct website, you may call AlarmNet to setup the account. Just phone 800-222-6525, then select option 1. (Monday–Friday 8:00 am to 9:00 pm, Saturday 9:00 am to 5:30 pm EST)

Have the following information ready:

- Primary City ID (two digits), obtained from your monitoring station.
- Primary Sub ID (four digits), obtained from your monitoring station.
- Communicator’s MAC ID, and MAC CRC number is located on the box and inside the communicator.

ACTIVATE THE SIM

Note: The communicator comes with a SIM (Subscriber Identity Module) that needs to be activated. The GSMVCN4G and IGSMVCN4G come already activated.

To activate the SIM, log into the AlarmNet Direct website. (Refer to the online help if needed.) Enter the required information, then activate the SIM.

PROGRAM THE COMMUNICATOR

Using the AlarmNet Direct website: Log as you did to activate the SIM and complete the communicator programming using the “Program New Device GSMIT” tool. (Refer to the online help if needed.)

When you complete your log out of the AlarmNet Direct website:

Using the 7720 Programming Tool:

The system is powered up and connect the programming tool to the communicator. Accept all default settings except the following prompts which need to be answered. Then exit the programming mode.

- Device Mode ECP
- Enter number 01-99, then press [f].
- Enter number 01-FE, then press [f].
- Enter number 0001-9999, then press [f].
- Accept the default by pressing [f], or change if this address is already used.

The following prompt appears for the IGSMV4AG and IGSMVCN4AG only.

- Notify Panel of Neither Fault

REGISTER THE COMMUNICATOR

Registering the communicator activates the account with AlarmNet and enables the control panel to send reports. There are three ways to register the communicator:

- You can register by logging into AlarmNet Direct choosing “Show Programmed Devices GSMIT” tool. Search for the account using the Account Information or MAC ID. Under the “Actions” column, use the pull down menu select “Register” the account.
- After the communicator is installed and programmed, you can register by clicking the Tamper Switch 3 times.
- After the communicator is installed and programmed, you can register by using the 7720 Programming tool. Simply: Press [Shift ] then press [f]. Please wait for “Registration SUCCESS” message.

Honeywell
2 Corporate Center Drive, Suite 100, P.O. Box 9404, Melville, NY 11747
WARRANTY
For the latest warranty information go to: http://www.security.honeywell.com/hsc/resources/warranty/