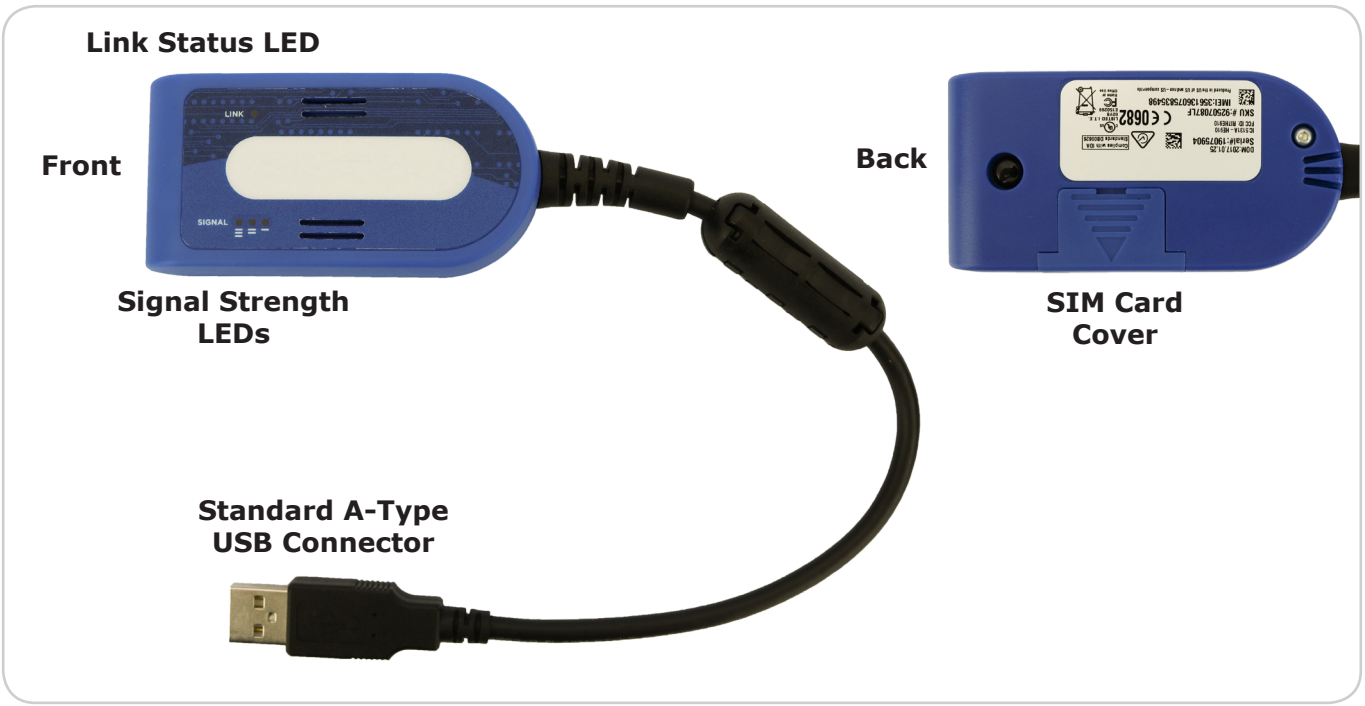
Installation Note

AVTECH's GSM Modem allows you to send text message alerts over any GSM/GPRS/EDGE network from AVTECH's Device ManageR software (with Dial Out Plugin Bundle). This compact 3G/2G modem connects directly to Device ManageR's host system by a USB 2.0 connector, which also provides power to the modem. It requires a SIM card (mini-SIM), which you may obtain from your cellular service provider.

GSM Modem Package Contents

- One (1) GSM Modem with built-in USB cable

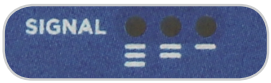
GSM Modem



LEDs

Link Status LED 

Appearance	Means
Lit solid	Modem is powered on but not registered on the network.
Slow blink	Modem is powered on and registered on the network.
Unlit	Modem is powered off.

Signal Strength LEDs 

Appearance	Means
Three bars	Strong signal
Two bars	Medium-strength signal
One bar	Weak signal

Install Your GSM Modem

Do not use this accessory in hazardous (classified) locations or life safety applications.

First, insert your mini-SIM card.

1. Remove the SIM card cover on the back of the modem. (You may use a flat-blade screwdriver in the slot to help you slide the cover off.)
2. Insert your mini-SIM card into the SIM card holder as shown here.
   - The SIM card's metal contacts should face down.
   - Its notch should be in the lower-right corner.
3. Replace the SIM card cover.

To extract the SIM card later, remove the cover and simply slide the card out of the holder.

For the next steps, see Configure Your GSM Modem on the next page. Don't connect your GSM Modem to Device ManageR's host system yet—you'll do that in a later step.

Accessory Features & Specifications

Supported Operating Systems	Windows 8, 7, Vista, XP (32 and 64-bit) Windows Server 2012, 2008 (32 and 64-bit), 2003 (32-bit)
Air Interface	GSM/GPRS/EDGE
Mobile Connection Type	3G/2G
Frequency Bands	3G: 800/850/900/AWS 1700/1900/2100 2G: 850/900/1800/1900
SIM Card Type	Mini
Included	No
Power Supply	USB
Included	Yes
Connector Type	USB 2.0 high speed compatible
Operating Temperature Range	-40° F to 122° F (-40° C to 50° C)
Compatible Products	Device ManageR software (with Dial Out Bundle)

AVT-170612-2.0.0

Configure Your GSM Modem

Step 1: Install the modem driver on Device ManageR's host system.

1. Download the *Connection Manager* software from MultiTech at the following URL. The software will immediately download as a zip file.

   http://www.multitech.com/connectionmanager.go

2. Save the zip file someplace you can easily find on Device ManageR's host system, and then unzip the file.

3. Double-click the msi file (**connectionmanager-X.X.X.msi**) to start the setup wizard. (X.X.X stands for the version number of the software.)

4. Follow the on-screen prompts to complete the installation of the drivers.

   - When you're prompted to by the setup wizard, plug the modem into a USB port on Device ManageR's host system.

   - When you get to the last screen of the wizard, simply select **Finish**. You do not need to start the *MultiTech Connection Manager* when the install is finished.

Step 2: Check your modem's COM port number.

You'll need the COM port number that your modem is connected to when you configure your modem in Device ManageR. Follow these steps to find your modem's COM port:

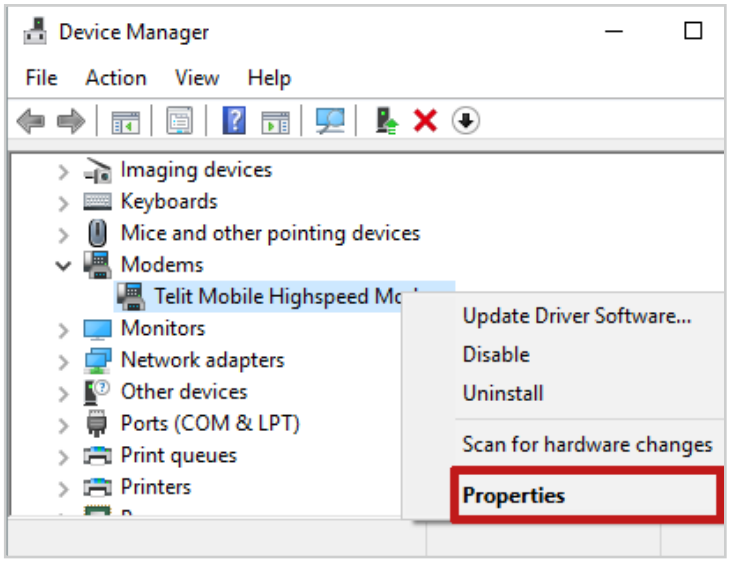
1. On Device ManageR's host system, navigate in Windows to **Start→Control Panel→System and Security→System→Device Manager.**

2. In Windows Device Manager, double-click on **Modems** to expand the list.

3. Locate your modem, which will display as *Telit Mobile Highspeed Modem*.

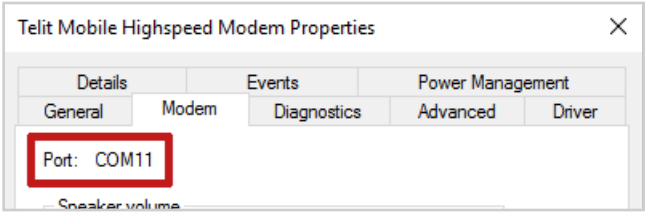
4. Right-click on your modem.

5. In the menu that appears, select **Properties**.



6. In the *Properties* window, select the **Modem** tab.

7. You'll see 'Port: COMX,' where X is the COM port number. In this example, the COM port is COM11.



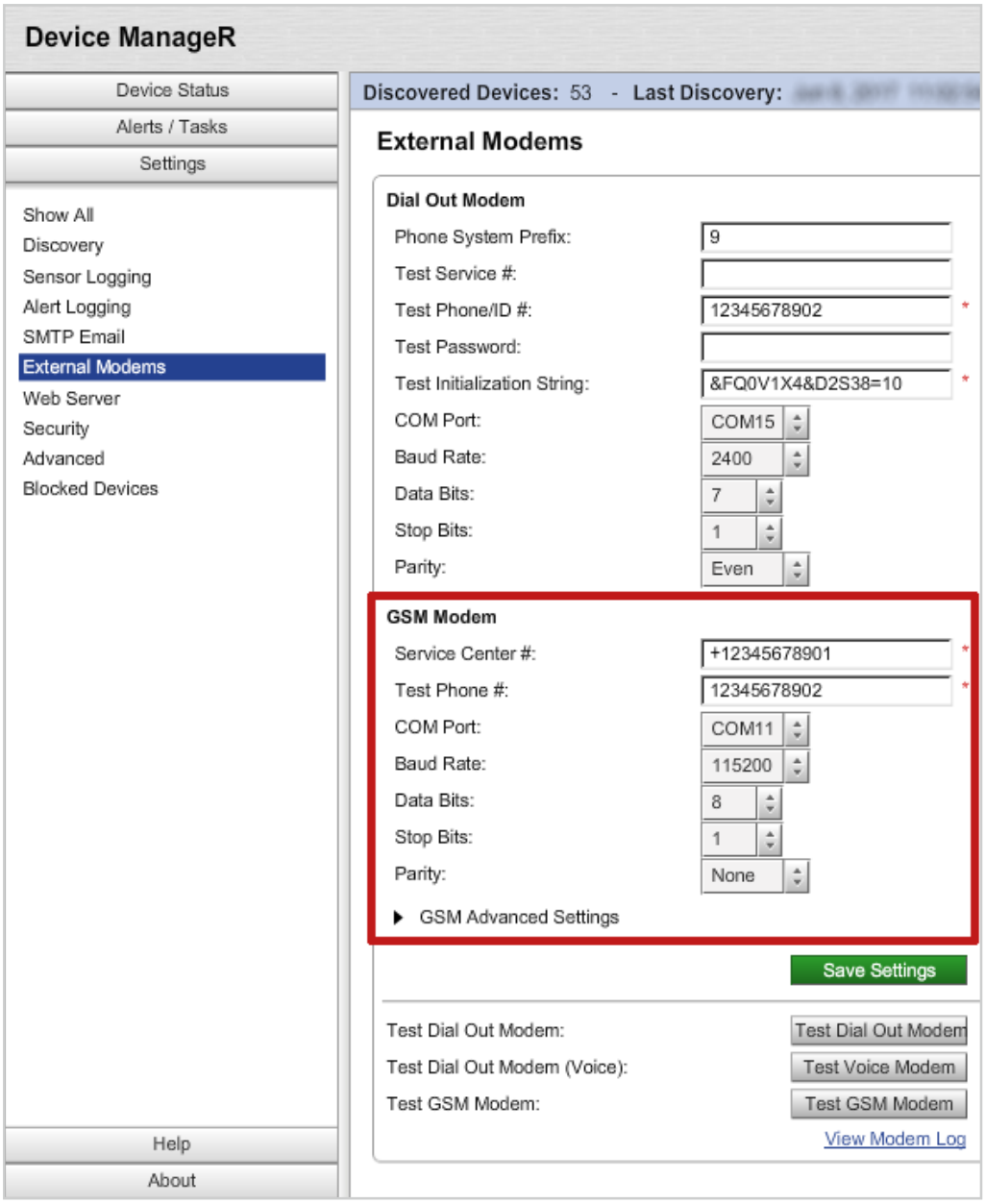
Step 3: Configure Device ManageR to use your GSM Modem.

1. Download and install the Device ManageR *Dial Out Plugin Bundle* from the *Downloads* page of your account at RoomAlert.com. The *Dial Out Plugin Bundle* must be installed in order for Device ManageR to use the GSM Modem.

2. Open Device ManageR in your web browser. You may open it by entering "localhost:8080" or "<IP address of host system>:8080" in your browser's address bar.

3. Select **Settings** in the navigation bar to the left.

4. In the *Settings* menu, select **External Modems** to open the *External Modems* page.



a. In the *External Modems* page, locate the *GSM Modem* section.

b. In *Service Center #*, enter your cellular service provider's service center number.

c. In *Test Phone #*, enter a phone number to send a test message to once you've finished configuring your modem.

d. In *COM Port*, select the port that your modem is using on Device ManageR's host system. (You found this number in *Step 2: Check your modem's COM port number.*)

e. In *Baud Rate*, *Data Bits*, *Stop Bits* and *Parity*, select the following:

Baud Rate:	115200
Data Bits:	8
Stop Bits:	1
Parity:	None

f. Leave *GSM Advanced Settings* at the default. This section contains the script that Device ManageR uses to send notifications.

5. Select **Save Settings** to save your changes.

6. Then select **Test GSM Modem** to send a test message to the number you entered in *Test Phone #*.