



## 3. Install the SIM card

### NOTE:

If you purchased cellular service from Campbell Scientific with the module, it will come with the SIM (Subscriber Identity Module) card already installed.

1. Remove the SIM card cover.
2. Note the location of the notched corner for correct alignment. The gold contact points of the SIM face down when inserting the SIM card as shown in the following figure. **Gently** slide the card into the slot until it stops and locks into place. To eject the SIM card, press it in slightly and release.
3. Replace the SIM card cover.

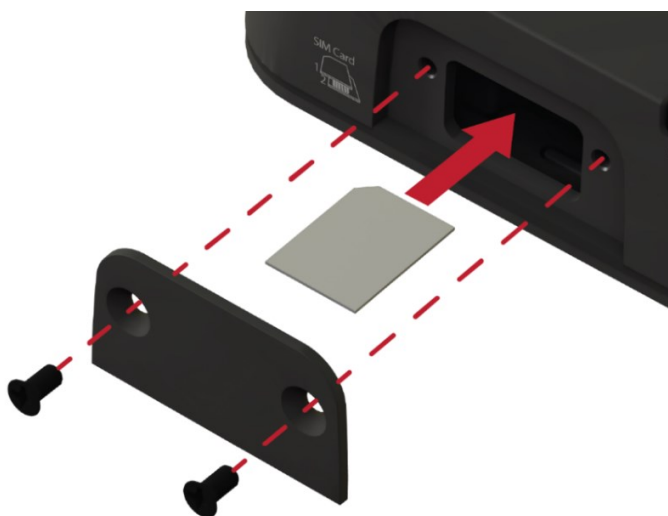


FIGURE 3-1. SIM card installation

## 4. Modules using a public static IP

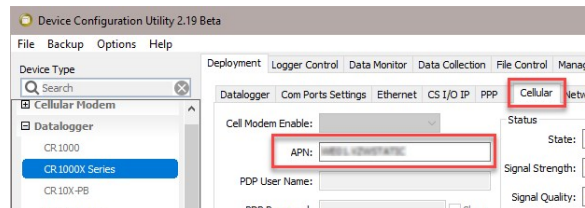
### 4.1 Set up hardware

1. Connect the **Cellular** antenna.
2. Connect your data logger to the CELL200-series module RS-232 or CS I/O port.
3. If not connecting through CS I/O, provide power to the CELL200 series.

### 4.2 Configure data logger

1. Connect to your data logger by using Device Configuration Utility.
2. On the **PPP** tab, set **Config/Port Used** to **CS I/O SDC8** or **RS-232**, depending on how you are connected to the data logger.
3. Verify the **Modem Dial String** setting is blank.

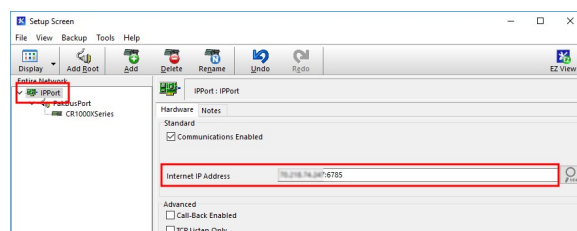
4. If connecting through RS-232, on the **Comport Settings** tab, set **RS232 BaudRate** to **115200 Fixed**.
5. On the **Cellular** tab, enter the **APN** provided by your cellular provider.



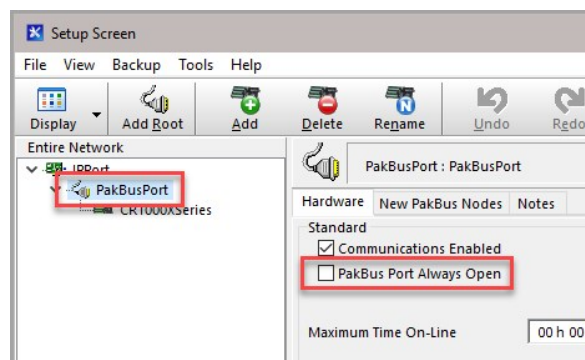
6. Click **Apply** to save the changes.

## 4.3 Set up LoggerNet

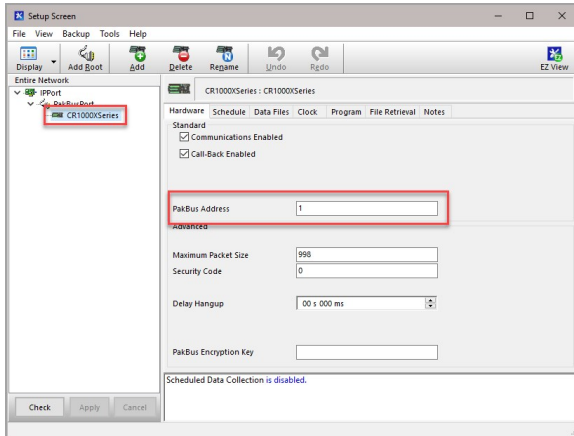
1. Select **Add Root > IPPort**.
2. Select **PakBusPort**
3. Add a data logger to the **PakBusPort**.
4. Select the **IPPort** in the Network Map. Enter the CELL200 series IP address and port number. The IP address and port number are input in the **Internet IP Address** field separated by a colon. Preceding zeros are not entered in the **Internet IP Address** (for example, 070.218.074.247 is entered as 70.218.74.247). The default port number is 6785.



5. For PakBus data loggers, leave the default settings for the **PakBusPort**. **PakBus Port Always Open** should **not** be checked. If used, enter the **TCP Password**.



- For PakBus data loggers, select the data logger in the Network Map and set the **PakBus Address** to match that of the data logger (default address in the data logger is 1). If a **PakBus Encryption Key** was entered during data logger setup, also enter it here. Click **Apply** to save the changes.



## 4.4 Test the connection

Use the **Connect** screen to test the connection. Click on the appropriate station and click **Connect** to initiate a call to the data logger.

### TIP:

The connection time is subject to many external factors. It is often less than 30 seconds but could be up to fifteen minutes. Be patient.

If the call is successful, the connectors at the bottom of the screen will come together and clock information from the data logger will be displayed in the **Station Date/Time** field.

