

## ***RED LED Diagnostic Codes***

*The RED LED will blink on the front of the device if a problem is encountered. Below are the diagnostic codes describing each of these error conditions?*

**1 blink** - The modem is not detecting a SIM card.

**2 blinks** - The modem is not detecting a cellular signal. Check antenna connection, check with a known-good antenna.

**3 blinks** - The GPS receiver is not tracking any satellites. Check antenna connection and placement.

**4 blinks** - The modem has no cellular signal AND GPS is not tracking any satellites. See items 2 and 3 (above) for troubleshooting.

**5 blinks** - The modem is not detecting a SIM card and GPS is not tracking any satellites.

**6 blinks** - The modem is not responding, and may be defective or incorrectly configured within the firmware.

**7 blinks** - The modem is not responding and may be defective and GPS is not tracking any satellites.

**8 blinks** - GPS is OK, but the modem is not registered on a network. Problems with the cellular account should be suspected. Check with the wireless carrier that the account has been activated correctly.

**9 blinks** - The modem is working correctly, and GPS is tracking satellites, but GPS is not making position fixes. The vehicle or the antenna may need to be repositioned for a good view of the sky.