

# Technote 40 – Using the Multitech Ethernet Wireless Modem, GPRS version

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This document discusses the use of the Multitech external wireless modem, and how to configure it to work with an Obvius A8810.

The model number used for this technote is model number: MTCBA-G-EN

## Setup your wireless modem

First, obtain a wireless account with your Carrier. AT&T and T-Mobile are carriers which both use GPRS, check to be certain you are getting an unlimited data plan. For AT&T, ask for a “data connect plan”.

Next, insert sim card into the front of the modem, there is small faceplate which you need to remove in order to access the slot for the sim card.

The modem is entirely configured through a browser, like Internet Explorer or Mozilla Firefox. You will need to configure your RJ45-LAN port of your laptop or desktop computer to 192.168.2.2.

After doing do this, use a section of Cat 5E cable and connect to the RJ45-LAN port of the modem.

Power up the modem with the included power supply.

Next open a web browser and type in the default ip address of <http://192.168.2.1>. Login using the default user name: admin (all lower case), type the default password: admin (all lower case).

To begin the configuration, click the *Wizard Setup*

Now configure your modem with following settings:

**Idle Time** – Sets the amount of time the PPP link stays active before disconnecting. Setting the value to zero causes the link to stay active continually. Make sure you have an unlimited account if you choose this.

**Dial Number** – Enter the dial number. This number connects you to the Internet. For GPRS, the number is **\*\*99\*\*\*1#**

**APN** – use the following; **isp.cingular**

**VERY IMPORTANT STEP:**

**Init String** – 5 modem initialization strings are allowed, you just need this one:

**AT+CGDCONT =1,"IP", "isp.cingular"**

After completing the previous steps, you must click on the modem browser interface **Save & Restart**

Once the unit has rebooted connect a CAT 5E cable from the RJ45 LAN port of the wireless modem and the RJ45LAN port of the AcquiSuite.

Enable DHCP for the AcquiSuite, do this from the push buttons. Make sure the AcquiSuite reboots after enabling DHCP. On reboot the wireless modem, will then provide an IP address to the AcquiSuite. A blinking Ethernet LED on the AcquiSuite indicates success. If it is solid, then retrace your steps and ensure you have followed the instructions carefully. The MultiTech wireless modem comes with additional instructions and a quick start guide.

If you are still having trouble call Obvius for technical help. 1-866-204-8134