Basic Package

Contains:
- One (1) 882 Series Broadband Router
- One (1) Product Documentation Card
- One (1) 6' DC Power Cable
- One (1) Quick Start Guide

Accessory Kit

Contains:
- One (1) Ethernet Cable
- One (1) 9-28 VDC @ 18W (12 VDC, 1.5A) Power Adapter
- Two (2) Cellular Antennas
- One (1) DB-9 Straight Thru Serial Cable

Minimum Requirements

Interface and configuration of this cellular device requires a User PC with an Ethernet interface and Microsoft Windows 98 or newer.

- 882 Series Broadband Router

- Product Documentation Card

- 6' DC Power Cable

- Ethernet Cable

- 9-28 VDC @ 18W (12 VDC, 1.5A) Power Adapter

- Cellular Antennas

- DB-9 Straight Thru Serial Cable

- Quick Start Guide

Quick Start Guide

882™ Series
3G CELLULAR BROADBAND ROUTER

This quick start guide covers programming software installation and basic setup. For advanced configuration please refer to the user manual.

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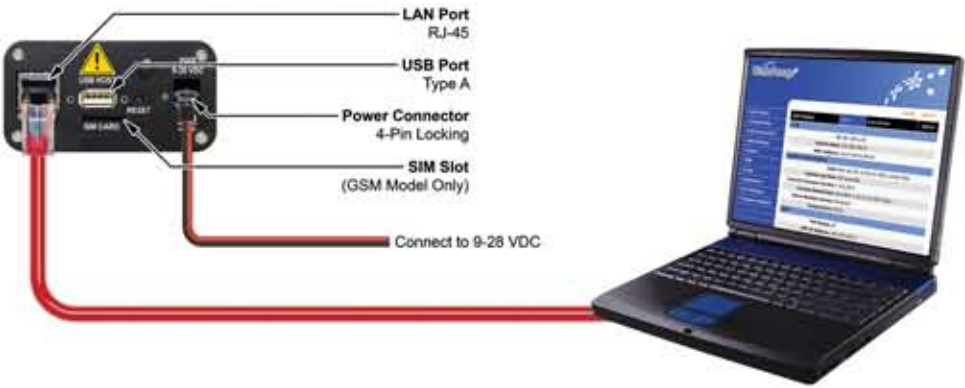
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Device Connections

STEP 1 1. Insert the SIM with the gold side up. Push the card completely into the slot until it clicks in place (GSM Users Only).

STEP 2 Connect an antenna(s) to the RF connector. Use of dual band cellular antenna is preferred.

STEP 3 Connect the Ethernet cable to the modem's Ethernet Port and plug the other end into the network port of your PC.

STEP 4 Connect the Power Adapter to the modem and plug into a proper AC power socket.

At power up, all LEDs will light red, then amber, then green. Once the boot sequence is complete, RSSI will light solid green and SVC will be flashing green. Note RSSI flashing green and SVC amber (indicates reduced RSSI and/or 2G cell coverage) is sufficient for normal operation.

Accessing the Modem's Web Server

STEP 1 Enable a network connection with the following LAN settings. In the Internet Protocol (TCP/IP) Properties Window, select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Click **OK** and **Close**.

STEP 2 Open a web browser and enter **192.168.1.50** in the address bar. A login screen should appear, enter the User name: **admin** and the Password: **password** and click **OK**.

STEP 3 On the device Home page, the PPP status will read DOWN until the cellular device is enabled.

Subscriber Activation

In order to use the modem, it must be activated for your specific carrier once the ESN has been provided for the account. Over-The-Air (OTA) activation is supported and each carrier has a different procedure.

Provisioning (CDMA Models)

From the device Home page, select **Provisioning** from the main navigation panel. Follow the carrier instructions below.

SPRINT PCS SUBSCRIBERS

Sprint is capable of automatic OMA-DM provisioning. Auto activation is enabled by default. Apply power and wait 3-4 minutes to verify the Current Status Screen has been populated with the MDN/MTN and MSID/IMSI numbers. If these numbers do not populate, your device did not provision properly. Refer to the user manual for Manual Activation procedures.

VERIZON WIRELESS SUBSCRIBERS

- Confirm or enter OTASP command: ***22899**.
- Click the **OTASP** button.
- Verify CDMA Connection Status has been populated with the MDN/MTN and MSID/IMSI numbers. If these numbers do not populate, your device did not provision properly. Refer to the user manual for Manual Activation procedures.

Current Status	
ESN	60549564
MDN/MTN	5074615358
MSID/IMSI	5073469066
PRL	30066
SID	1372
NID	1372
Channel	425
Frequency	800 MHz Cellular
Roaming	Not Roaming
Signal Strength (dBm)	-100 (poor)

Modem Network Connection

After the modem has been successfully provisioned, a data connection can be enabled. At the device Home page, select **Cellular Connection** from the main navigation menu and select **Dial Settings**. Select **Enable** Auto Connect. Click **Save**.

The SVC TYPE LED will indicate when the cellular connection has been established. Steady green indicates a 3G connection; steady Amber indicates a 2G connection. Return to the device home page and verify PPP Status is UP. The PPP IP Address shows the current IP address assigned your device.

Your device is ready to browse the web.

SIM Card Acceptance (GSM Models)

Select **SIM Settings** from the main navigation menu. SIM STATUS should read SIM ACCEPTED.

Modem Network Connection

Once the SIM card has been accepted, a data connection can be enabled.

From the device home page, select **Dial Settings** from the navigation menu. Verify the Carrier APN and Dial number are correct for your provider. A user name and password may be required. Select **Enable** Auto Connect and then click **Save**.

The SVC TYPE LED will indicate when the cellular connection has been established. Steady green indicates a 3G connection; steady Amber indicates a 2G connection. Return to the device home page to verify PPP Status is UP. The PPP IP Address shows the current IP address assigned your cellular device.

Your device is now ready to browse the web.