Pantech UML295 Multiple USB Support

1. Description

Each UML295 device is assigned a fixed IP address 192.168.32.50 and a fixed DNCP Server IP 192.168.32.2 by default. The UML295 supports multiple USB devices used simultaneously by allowing each device subnet to be changed. Once the device subnet of each device is updated to a unique value, each device can then be identified correctly by the host computer which allows the user to manage each device individually. This feature is only available on firmware version: L0295VWD821F.B1 or later.

2. How to Change Device Subnet

The subnet can be changed from the "Debug Menu" within Verizon Mobile Broadband Manager (VMBM). After the device is properly inserted into the computer and VMBM successfully detects the device, following these steps:

    a.   Press the "CTRL + D" keys on your keyboard to invoke the Hidden Debug menu. Enter the username: "vzw" and password: "mbbdiag" when prompted.

    b.   Click the "Settings" tab.

    c.   Locate the "Multiple USB Settings" option as shown below and enter the desired subnet value (third digit of the IP address) in the entry field. Please note that the valid range is "192.168.0.0" to "192.168.255.0."

Multiple USB Settings

```
192.168.32.0        Subnet (range 192.168.0.0 ~ 192.168.255.0)
Reset to Default
```

    d.   Once the value is entered, scroll down to the bottom of the page and click "OK" to save the settings. The device will power cycle in order to save and update the changes.

    e.   Repeat the steps above for each additional UML295 device that will be used simultaneously.

    f.   Each device now has its unique IP address and DHCP Server address. As a result, each device can be managed individually. For example, after changing the IP from its default of 192.168.32.0 to 192.168.100.0 following the step above, the new IP address is now 192.168.100.50 and the new DHCP server address is 192.168.100.2. Now, to access the VMBM of the device, simply enter the new DHCP server address in the browser. Please note the last digit is "2" instead of "0".

           NOTE: Once the device's subnet is changed, it will persist through power cycles until it's changed again or reset to default by following the steps above.

3.   **How to Restore Device Subnet to Default**

   a. Follow steps 2a – 2b to access the "Multiple USB Settings" option. Click the "Reset to Default" button. After the device power cycles, the IP address and DNCP server address of the device to set back to the default values of 192.168.32.50 and 192.168.32.2 respectively.