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**Quick User Guide**

**For DX WIMAX Indoor Modem**



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**Document Information**

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# GENERAL

This quick user guide is intended as a reference source of configuring the DX indoor modem.

* 1. Hardware Requirements

The hardware requirements of DX are shown in the table below:-

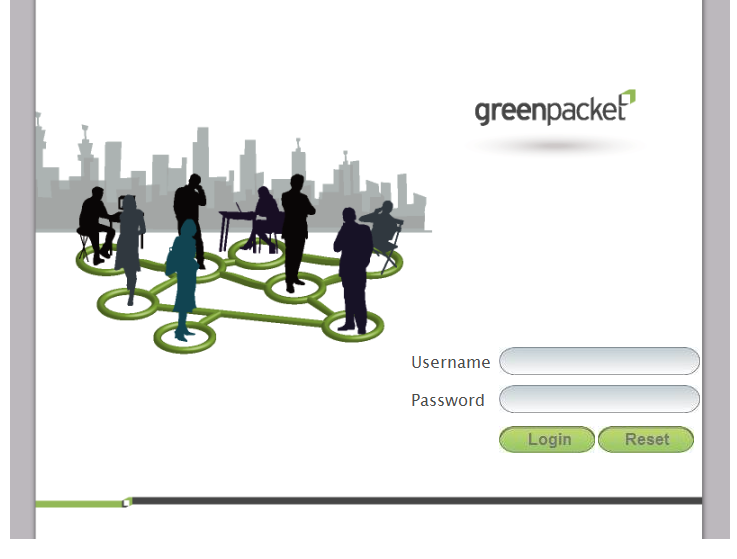
|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Descriptions** | **Specifications** | **Qty** |
| **A** | **Hardware Requirement** |  |  |
| 1 | DX WiMAX Indoor Modem | c/w Power Adapter and RJ45 Network cable | 1 set |

# ACCESS MODEM GUI

Follow the steps below to login to DX GUI through your pc or laptop. Prior to configuration, please ensure that the above mentioned requirements are met.

Web Browser to Login into DX GUI

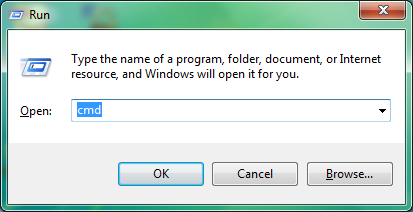
1. Use the network cable provided to connect DX WiMAX Indoor Modem to the LAN port of your laptop or PC.
2. Power ON and allow the laptop or PC to detect the network connection.
3. Double-click on Internet Explorer, go to <http://10.1.1.254> and login with the following default credential:
4. Username: admin
5. Password: admin



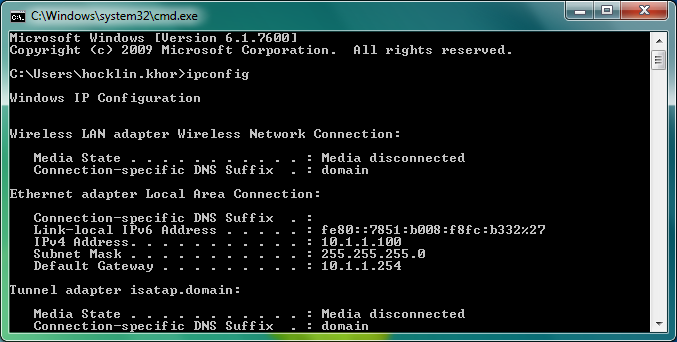
If Internet Explorer cannot display the webpage

Please follow the following instruction:-

1. Run command prompt (press Window button  + r button) and key in “cmd”

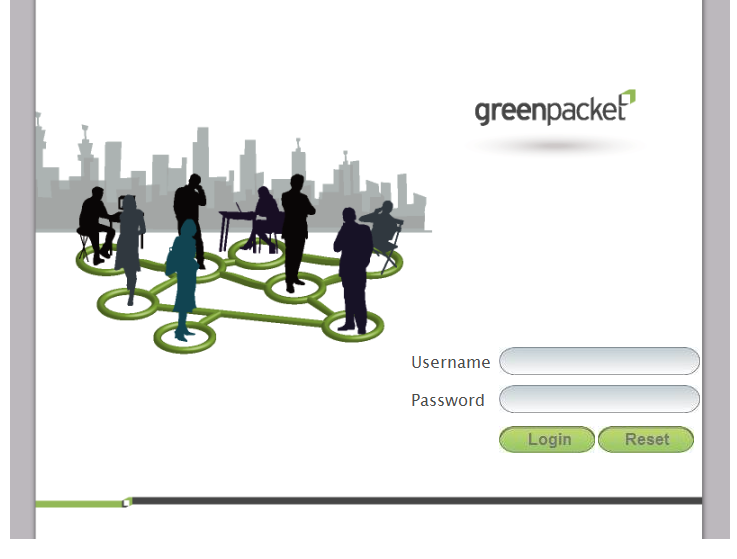


1. Key in “ipconfig” to check the status of local LAN network information



Default Gateway IP address

1. Double-click on Internet Explorer, go to http://x.x.x.x and login with the following default credential:
2. Username: admin
3. Password: admin



# DX INDOOR MODEM CONFIGURATION

## Status

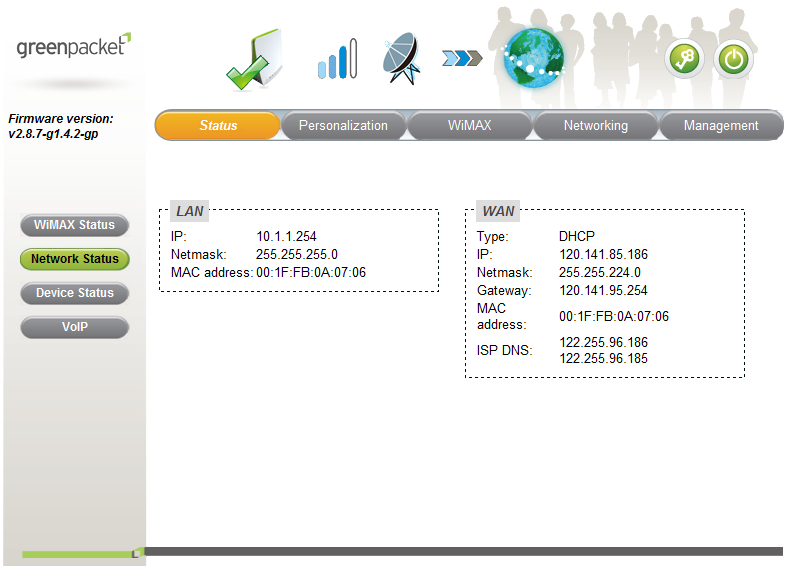
### WiMAX Status



**WiMAX Status**

Click on “Status” on the top and “WiMAX Status” on the left, this tab gives you a summary of **WiMAX status**, such as the Frequency, BSID, RSSI, CINR and etc.

### Network Status

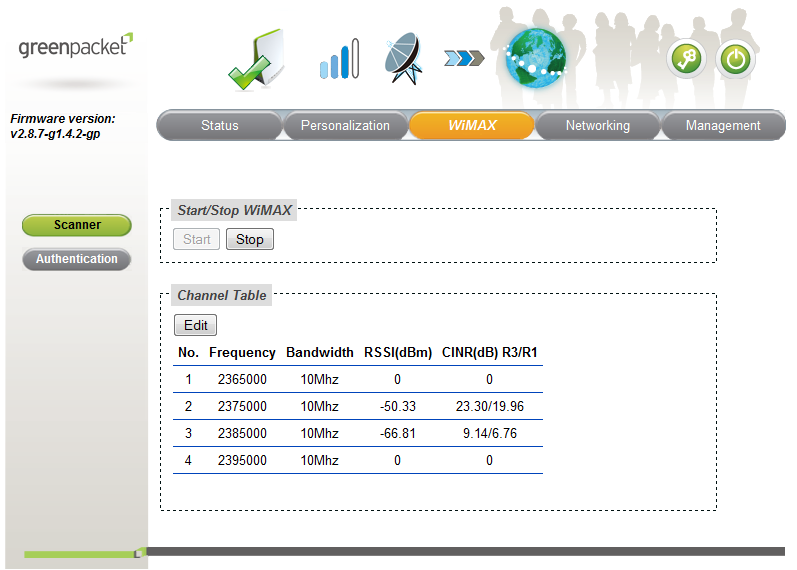


**Network Status**

Click on “Status” on the top and “Network Status” on the left, this tab gives you a summary of **Network status**, such as IP address, Gateway, Mac address and etc.

## WiMAX Frequency Configuration

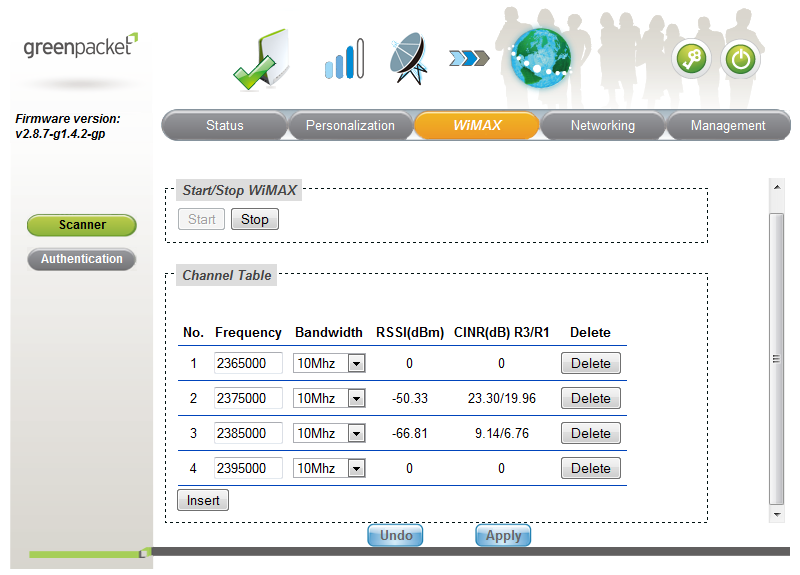
### Scanner



**To Edit Frequency & Bandwidth**

**WiMAX Scanner**

1. Click on “WiMAX” on the top and “Scanner” on the left, you can start or stop the WiMAX connectivity.
2. This **Scanner** tab, a list of BS which the CPE detected will be displayed in **Channel Table**.
3. Press **Edit** button, can set insert and delete the Channel **Frequency** (KHz) and **Bandwidth** (MHz).



**Insert and Delete Frequency**

1. Finally, click **Apply** button to save the configuration.

**Note:** set *Frequency and Bandwidth is base on local WiMAX license.*

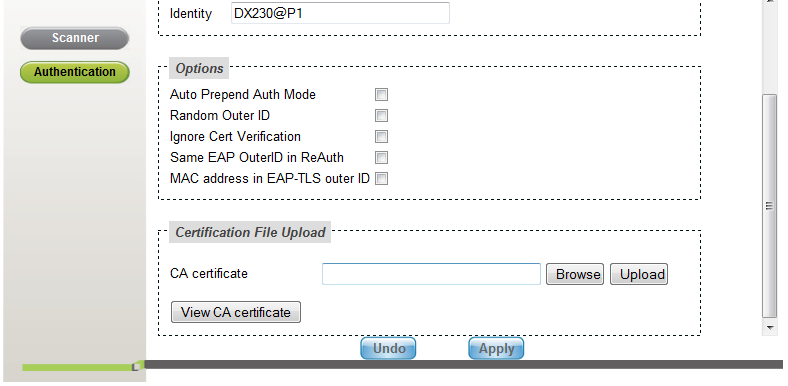
## WiMAX Authentication Configuration

**WiMAX Authentication**



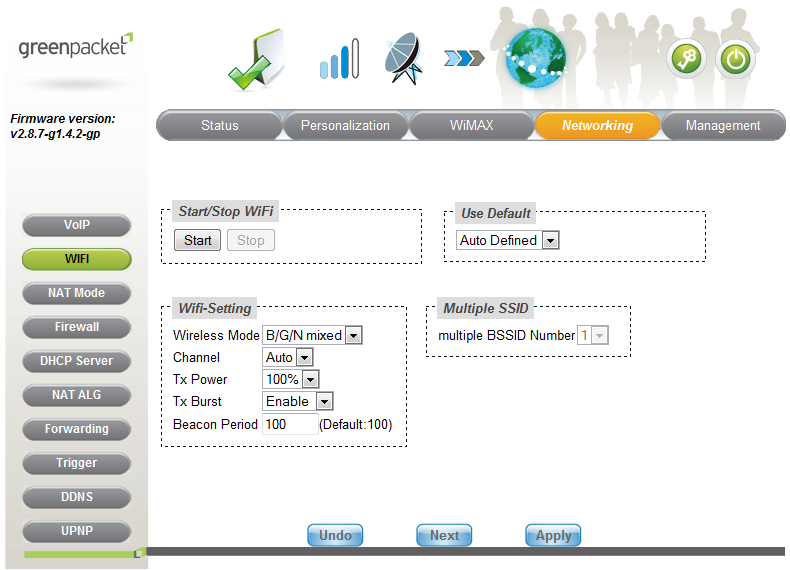
The following is the instruction of configuration:-

1. This **Authentication** tab, configure the authentication settings for the WiMAX network.
2. Choose the EAP type of Phase 1 and Phase 2 which your AAA is configured from **EAP Method**.
3. Key in **User Name** and **Password** configured in AAA.
4. Key in **Identity ID**
5. Click **Browse** button at the **CA Certificate** and browse to the path where the CA Certificate is located.



1. Finally, click the **Apply** button to active the configured profile.

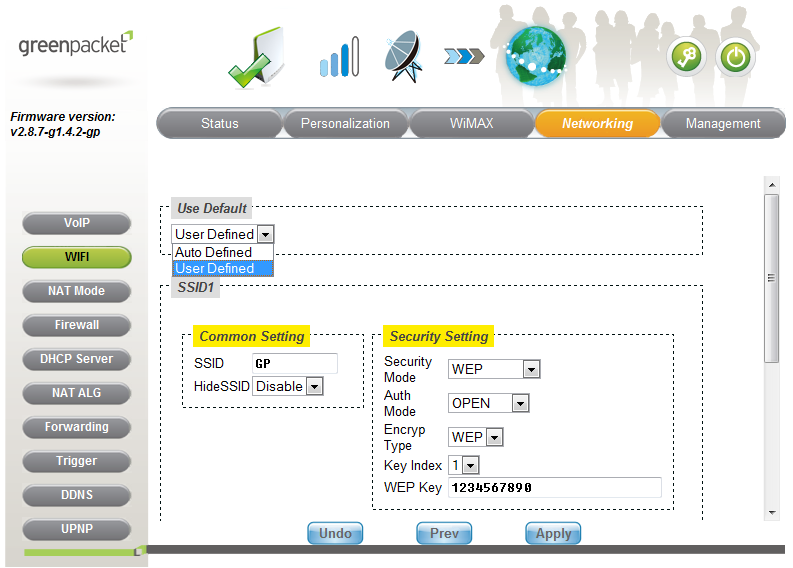
## WIFI Configuration



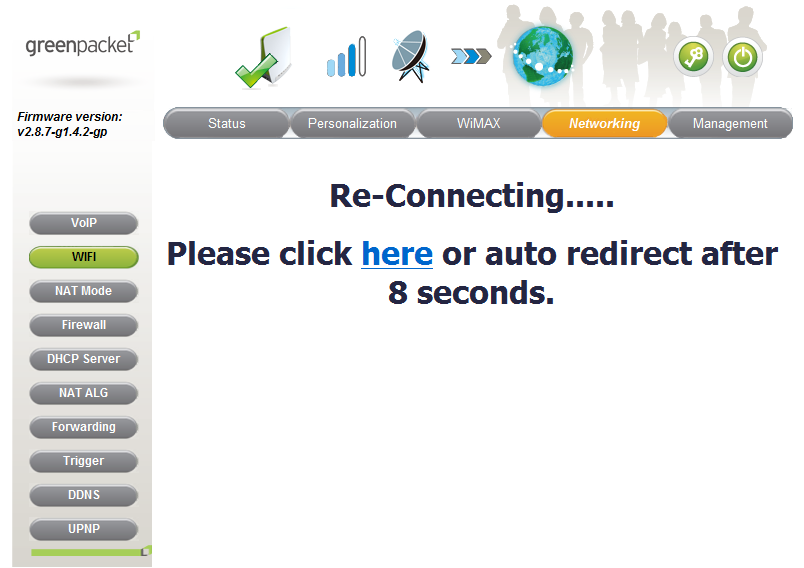
**WIFI Network**

The following is the instruction of configuration:-

1. This **WIFI** tab, to configure the wireless settings for the end user network. End user can access the internet thru wireless connectivity.
2. First, choose the wireless technologies mode as 802.11**b/g/n mixed**.
3. Select **Auto** channel scanning.
4. Make the transmit (Tx) power and burst is **100%** and **Enable**.
5. Click **Next** button to configure wireless network profile.



1. Select User Defined as default.
2. Create a wireless network name, known as SSID.
3. Create wireless encryption (WEP) or (WiFi Protected Access (WPA), which help protect your wireless network.
4. Finally, click **Apply** button save the wireless network configuration.



1. System will auto re-connecting the setup after 10 seconds.

## Firmware Upgrade

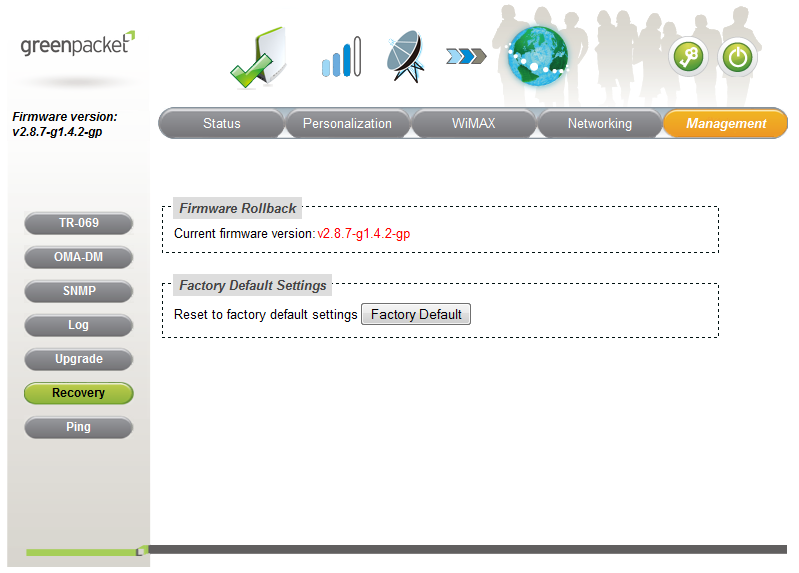


**Management Upgrade**

1. This **Upgrade** tab, click browse button at the Firmware Image Fileand browse to the path where the Firmware is located.

Note: sample of file type: - xx\_xx\_ver x.x.x.x.tar.**gz**

## Recovery



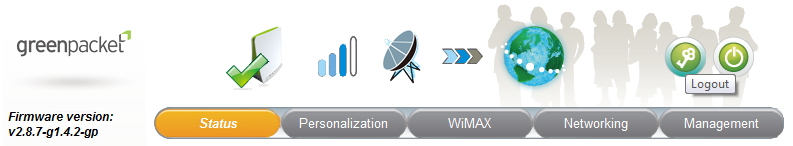
**Management Recovery**

1. This **Recovery** tab is reset all the configuration and setting to factory default.

## Logout and Reboot

### Logout

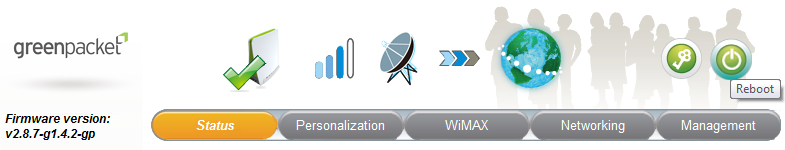
**Logout**



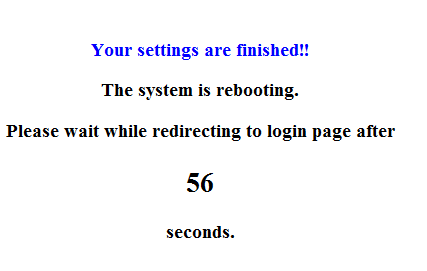
1. This **Logout** tab is log off the user process at its end.

### Reboot

**Reboot**



1. Click **Reboot** button to restart CPE.
2. System will reboot CPE and redirecting to login after 60 seconds.



End Document