2607 Colorado Blvd. Los Angeles, CA 90041
TEL: (323) 254-8131 FAX: (323) 254-4928
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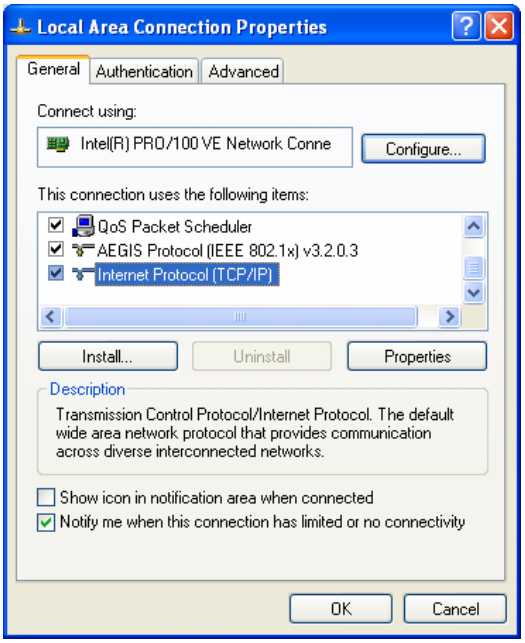
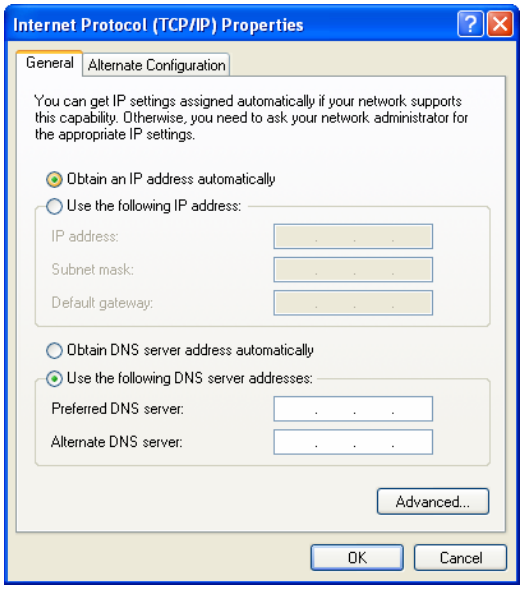
Duo-i6525 Quick Start Guide

1. Connect the LAN cable between laptop's Ethernet port and repeater' Ethernet port.

Note: Under Local Area Connection in Network Settings, make sure to select **Obtain an IP address automatically** under Internet Protocol (TCP/IP) properties.





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2. Launch MS Internet Explorer (Version 6.0 or higher)

Note: ADRF's Web GUI is not compatible with any other web browsers (e.g. Netscape, FireFox, Mojilla, etc.).

3. Please type the following IP address on the address bar of MS Internet Explorer:

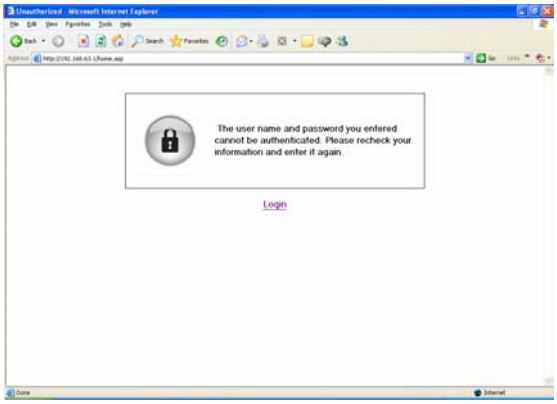
   http://192.168.63.1/home.asp

4. The following login screen will appear:

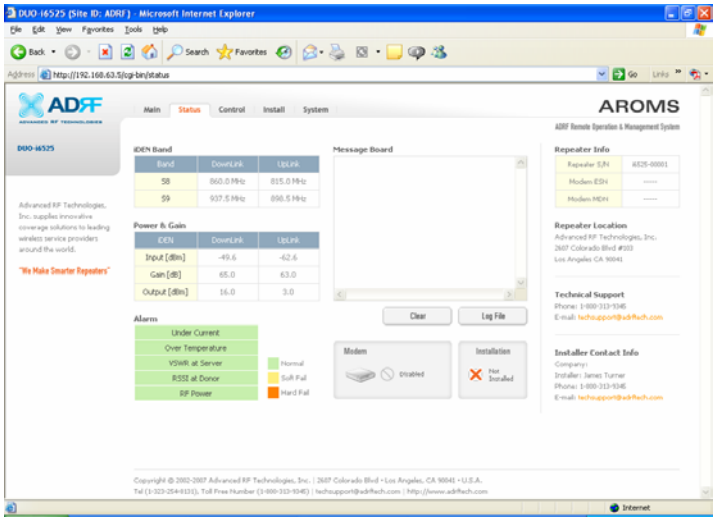
The default username and password for the Super-User is adrf & adrf respectively.

If you are not the Super-User, please type in your assigned username & password which you should have received from the Super-User.

If the username & password is typed in incorrectly, the following screen will appear:



5. If you click on **Status**, the following window will appear:



In this window, the user can view the following:

- iDEN Band: Will display the center frequencies of the 800 and 900 MHz spectrums on the downlink and uplink respectively.
- Power & Gain: Will display the repeater input, gain and output power on the downlink and uplink.
- Alarm: Will display five alarms with three different status conditions (Normal, Soft Fail or Hard Fail).
- Message Board: Will show up to recent 20 log messages (Alarms & Heartbeats).
- Modem: Will display the status of the mode (e.g. Disabled, Not Connected or Connected)
- Installation: Will display repeater's installation status (Not Installed or Installed).
- Repeater Info: Will display repeater's serial number, modem ESN and MDN.
- Repeater Location: Will display the address where the repeater is installed

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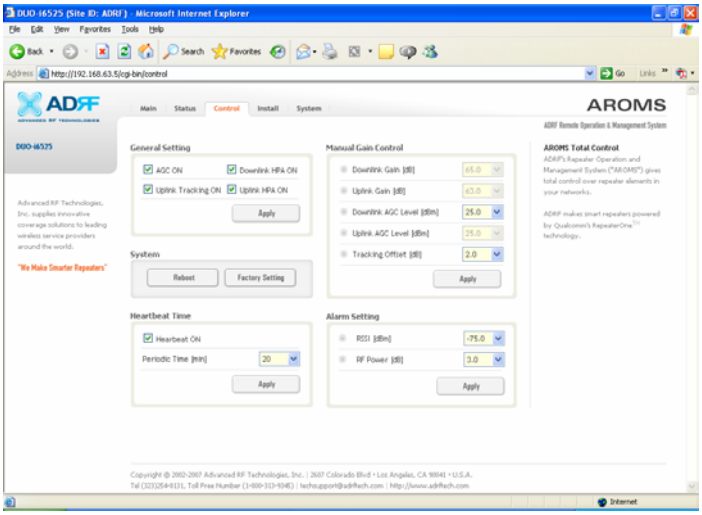
- Technical Support: Will display ADRF's Technical Support contact information.
- Installer Contact Info: Will display the installer's name, phone and e-mail address.

Note: Once successfully logged in, the repeater model name and the site/cascade ID will be displayed on the top of all the windows (except for the Main Window).

6. If you click on **Control**, the following window will appear:

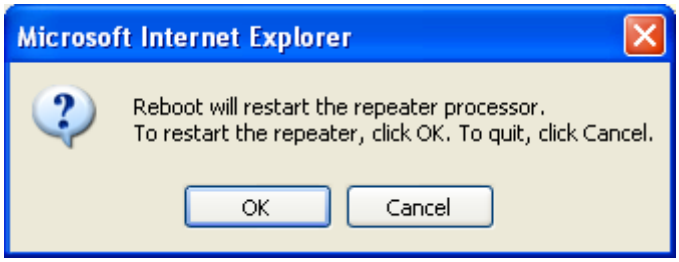


In this window, the user can adjust the following parameters:

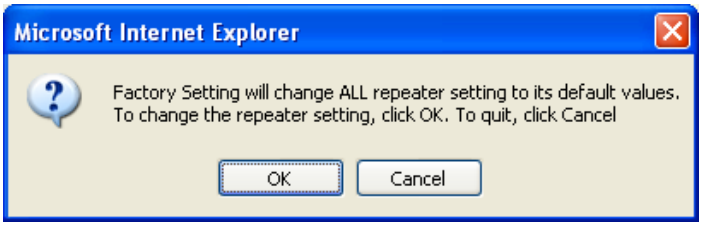
General Setting
- Automatic Gain Control (Default mode is Off)
- Downlink HPA on/off (Default mode is On)
- Uplink HPA on/off (Default mode is On)
- Uplink Tracking mode on/off (Default mode is Off)

Manual Gain Control
- Downlink Gain Control (40 to 65 dB @ 0.5 dB step, default value: 25 dB)
- Uplink Gain Control (40 to 65 dB @ 0.5 dB step, default value: 25 dB)
- Downlink AGC Level (15o 25 dBm @ 0.5 dB step)
- Uplink AGC Level (15o 25 dBm @ 0.5 dB step)
- Uplink Tracking Offset (0 to 10 dB @ 0.5 dB step - Default mode is Off)

System
- If you click the Reboot button, the following message box will appear:



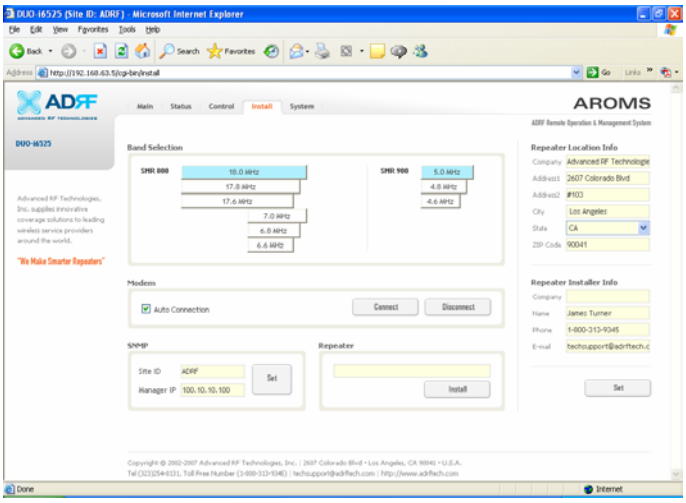
- If you click the Factory Setting button, the following message box will appear:



Heartbeat Time
- Heartbeat on and off (Default mode is Off)
- Heartbeat periodic time (Range: 1 to 60 min - Default time is 20 min)

Alarm Setting
- RSSI Alarm at Donor (-100 ~ -50 dBm - Default value is -75 dBm)
- RF Power Alarm (2 ~ 10 dB - Default value is 6dB)

7. If you click on **Install**, the following window will appear:



- Band Selection: Simply click on the desired operating bandwidth.

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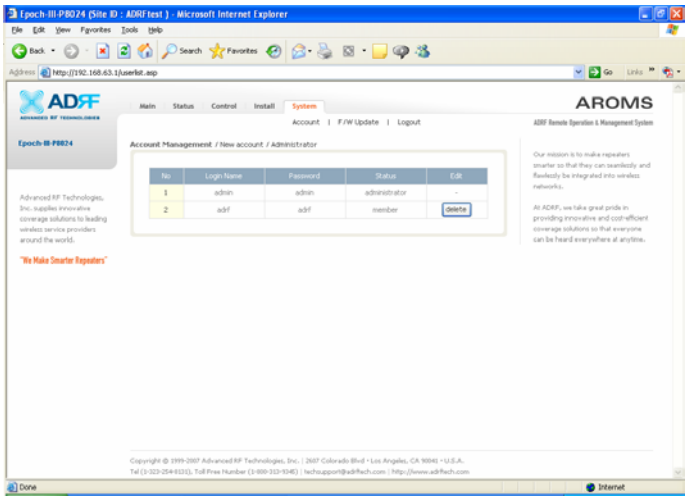
- Modem: By default, auto-connection box is checked so that the modem will connect automatically once sufficient donor signal is present.
- SNMP: Type in the assigned site/cascade ID and manager IP address Default Site ID and Manager IP address is ADRF and 100.10.10.100 respectively.
- Repeater: Click install to automatically setup the repeater.
- Repeater Location: Will display the address where the repeater is installed
- Repeater Installer Info: Will display the installer's name, phone and e-mail address.

8. If you click on **System**, the following window will appear:



Note: If you are the Super User, you will see account management section under the System Window. If you are a local user, you will not be able to see the account management portion.

Only the Super-User can add, delete and modify a user. The following window illustrates how a new user can be added by simply clicking on New Account.

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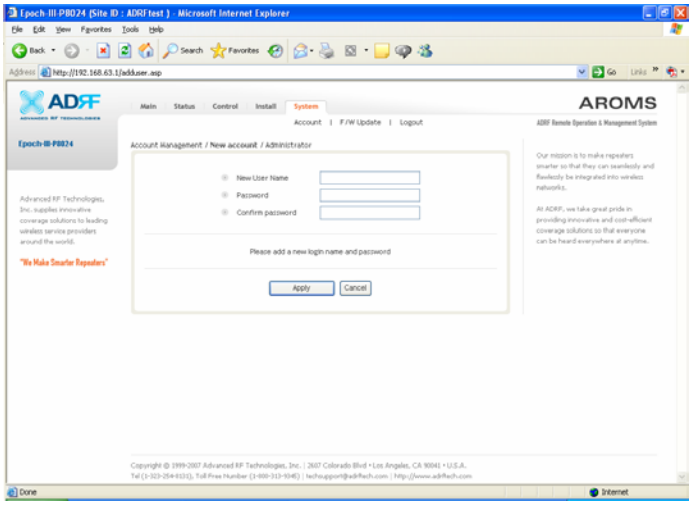
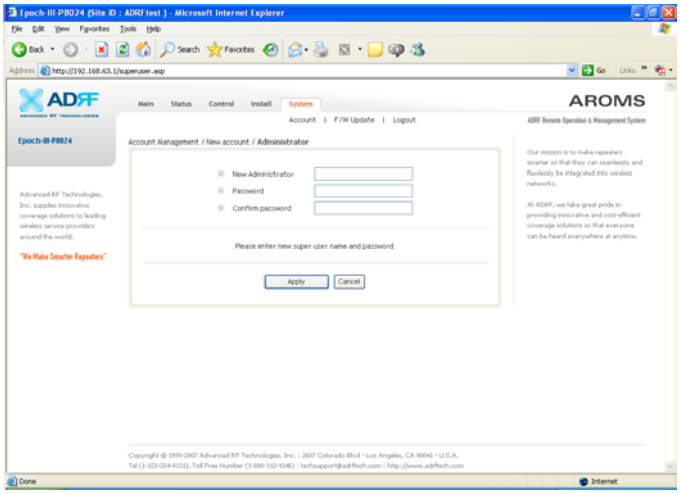
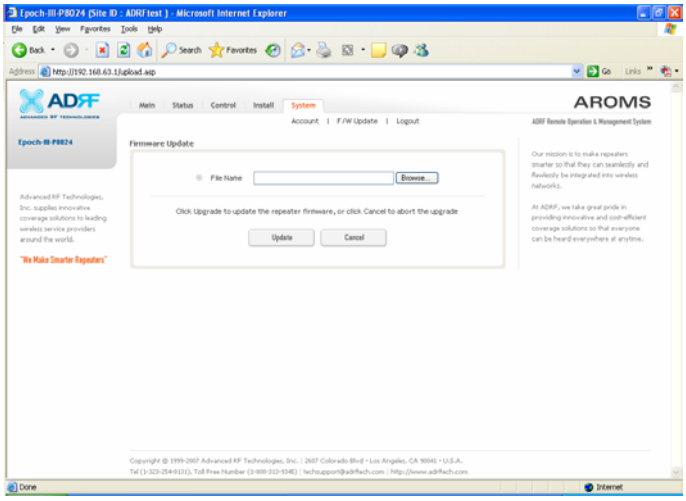
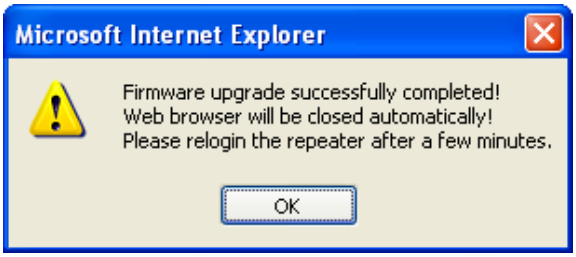


The following window illustrates how a new administrator can be added by simply clicking on Administrator.



If you click on F/W Upgrade, the following window will appear. You can browse through your PC and locate the firmware file. Once it's selected, simply click on Update and it'll upload the latest firmware automatically and close the session. You will need to re-login again.


Epoch-III-P8024 (Site ID : ADRFtest) - Microsoft Internet Explorer
AROMS
Main
Status
Control
Install
System
Account | F/W Update | Logout
Firmware Update
File Name
Browse...
Click Upgrade to update the repeater firmware, or click Cancel to abort the upgrade
Update
Cancel
"We Make Smarter Repeaters"


Microsoft Internet Explorer
Firmware upgrade successfully completed!
Web browser will be closed automatically!
Please relogin the repeater after a few minutes.
OK