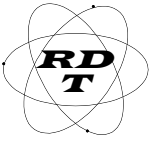


LINKSYS BASIC ROUTER PROGRAMMING

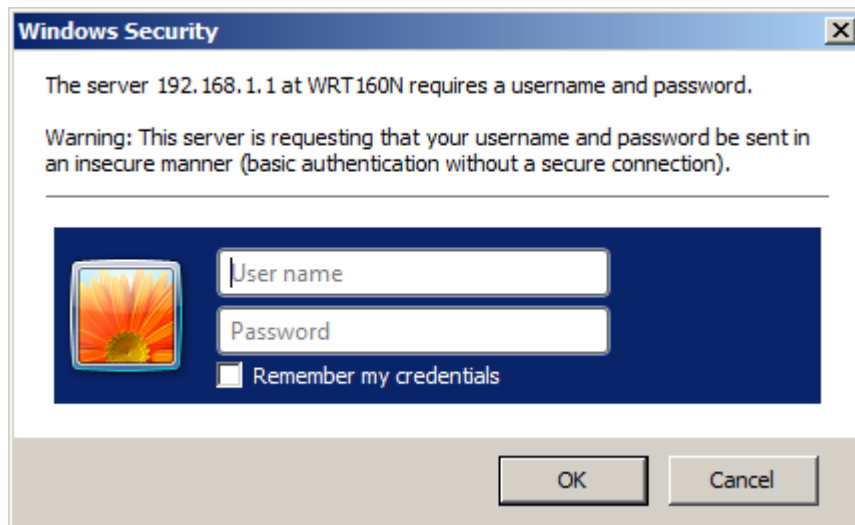
Revised 11-AUG-2011



RD TECHNOLOGY

860 Isis Ct, Reno, NV 89512 775 843-5952, email - bobmiller@gbis.com

1. Plug in the ethernet router cable into the network connector of the computer and the other end to Port-1 on the router.
2. Plug in the +12Vdc power to the router
3. On the computer, click START, RUN, and press ENTER to open "Command Window"
4. From the command prompt, type "ipconfig" and press ENTER
5. The "Default Gateway" should be 192.168.1.1. (This is your **ROUTER IP** address.)
6. To program your Router; open Internet Explorer and in the "Address bar" type 192.168.1.1 then press ENTER.
7. The Linksys security box will appear, leave "User Name" blank, press TAB and type "admin" (without the quotations) for Password.



8. Press OK and the Linksys setup will appear.

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LINKSYS[®] by Cisco Firmware Version: v3.0.00

Wireless-N Broadband Router WRT160N

Setup

Setup | Wireless | Security | Access Restrictions | Applications & Gaming | Administration | Status

Basic Setup | DDNS | MAC Address Clone | Advanced Routing

Language

English

Internet Setup

Internet Connection Type

Automatic Configuration - DHCP

Optional Settings
(required by some Internet Service Providers)

Host Name: HAMLINK_HLIM0060

Domain Name: HAMLINK

MTU: Auto Size: 1500

Help...

9. In the “host Name” field enter HAMLINK_HLIMS00XX for Host Name(XX=Hamlink Serial Number on the computer's back panel label.)
10. Enter HAMLINK for Domain Name

Automatic Configuration - DHCP

Host Name: HAMLINK_HLIM0060

Domain Name: HAMLINK

MTU: Auto Size: 1500

11. Press “Saved Settings” at bottom of the screen.

(GMT-08:00) Pacific Time (USA & Canada)

Automatically adjust clock for daylight saving changes.

Save Settings Cancel Changes

12. Once settings are successful, press “Continue”
13. Close Internet Explorer
14. Un-power the router and wait 10 seconds and power router again.

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15. Go back to the command prompt and run ipconfig until "Connection-Specific DNS Suffix" equals "HAMLINK" (You may need to do more than once).
16. If ok, then open Internet Explorer again and type in the IP Address you entered in step 6 above
17. Enter password as above in step 7.
18. Linksys Setup should appear with your changes.
19. Click DHCP Reservations and the window (shown below) will appear.

LINKSYS by Cisco

DHCP Reservation
Select Clients from DHCP Tables

Client Name	Interface	IP Address	MAC Address	Select
HLIMS0060	LAN	192.168.1.100	00:01:29:F9:5F:FF	<input checked="" type="checkbox"/>
BOB-PC	Wireless	192.168.1.101	70:F1:A1:A3:10:92	<input type="checkbox"/>

Add Clients

Manually Adding Client

Enter Client Name	Assign IP Address	To This MAC Address	
<input type="text"/>	192.168.1.0	00:00:00:00:00:00	<input type="button" value="Add"/>

Clients Already Reserved

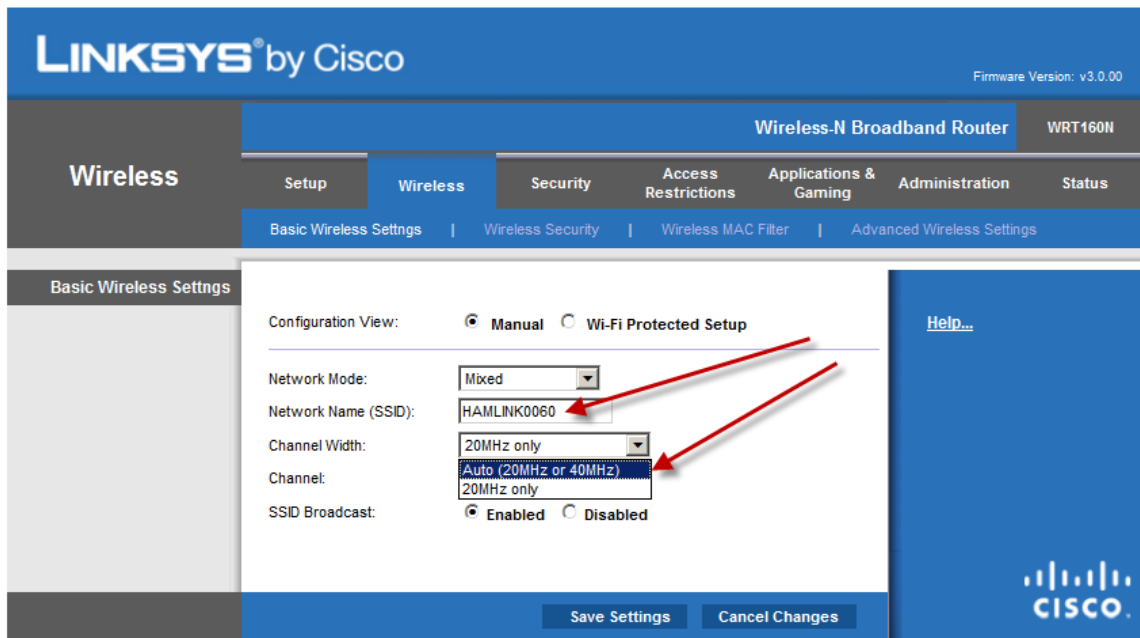
Client Name	Assign IP Address	To This MAC Address	MAC Address
HLIMS0060	192.168.1.100	00:01:29:F9:5F:FF	<input type="button" value="Remove"/>

Save Settings **Cancel Changes** **Refresh** **Close**

20. You should see the Client Name as the "Computer Name" (i.e. HLIM0060) as seen above.
21. Click "Select" Box, and "Add Clients" Button
22. The Client Name will be added in "Clients Already Reserved" area.
23. Click "Save Settings", "Continue" then "Close" and you will be returned to the "Setup" box.
24. Click "Wireless" then "Manual" and change SSID from "Linksys" to the Serial number of the Hamlink station.
(i.e. HLIMS-00XX)

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25. As show above; pull down the “Channel Width” option and select “AUTO (20MHz or 40MHz)” option.

26. Click “Save Settings” and “Continue.”

27. Close the Browser on the Hamlink computer.

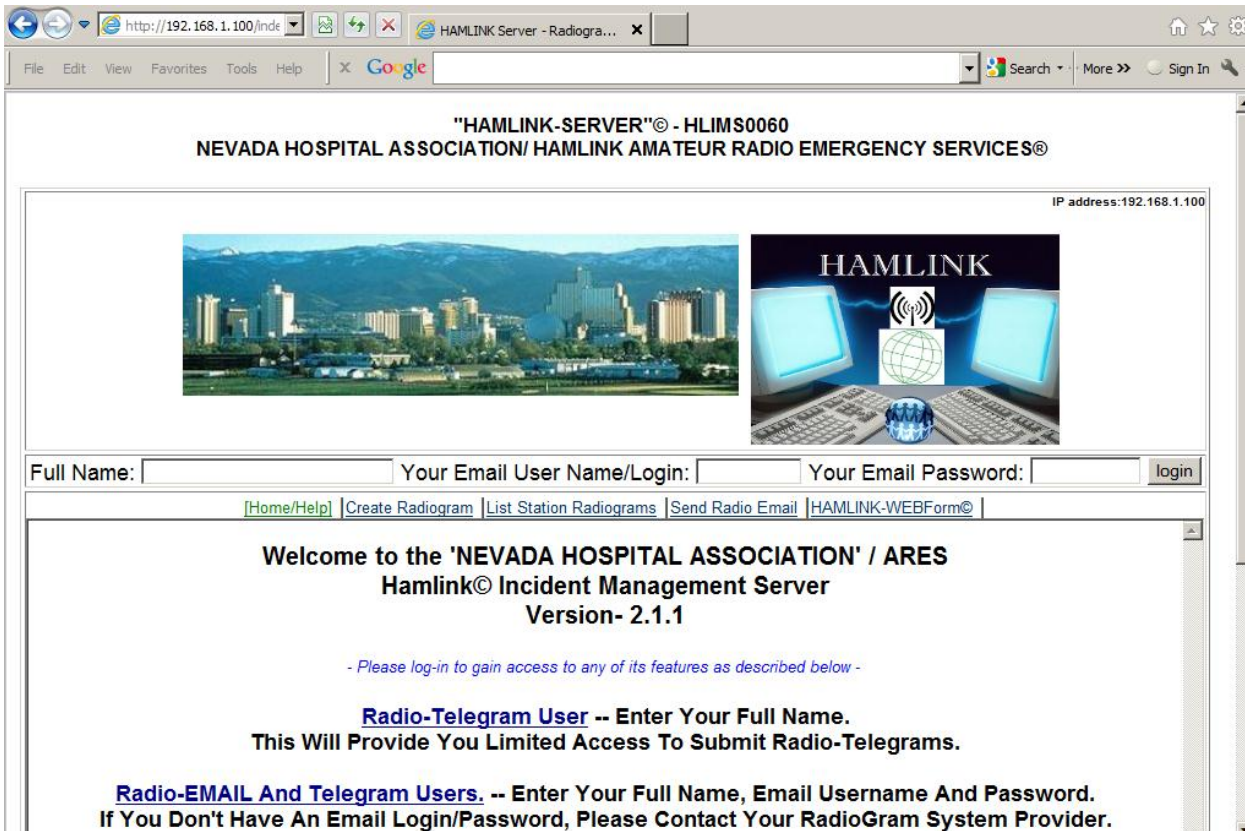
28. From a WiFi enabled laptop or PC, search for “WiFi hotspot SSID ” HAMLINK00XX” to verify wireless connectivity.

29. From this WiFi enabled laptop or PC, open the web browser and type 192.168.1.1 to access the Hamlink Routers Gateway. If you can successfully connect to the Hamlink Server security window, you have configured the router for basic WiFi hotspot service, you can also remotely configure using this technique!

30. To verify the Hamlink Server, open the Web Browser as in the above step and type 192.168.1.100 to navigate to the “Server Home Page.”

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IP address:192.168.1.100

Full Name: Your Email User Name/Login: Your Email Password:

[\[Home/Help\]](#) [Create Radiogram](#) [List Station Radiograms](#) [Send Radio Email](#) [HAMLINK-WEBForm@](#)

**Welcome to the 'NEVADA HOSPITAL ASSOCIATION' / ARES
Hamlink© Incident Management Server
Version- 2.1.1**

- Please log-in to gain access to any of its features as described below -

**[Radio-Telegram User](#) -- Enter Your Full Name.
This Will Provide You Limited Access To Submit Radio-Telegrams.**

**[Radio-EMAIL And Telegram Users.](#) -- Enter Your Full Name, Email Username And Password.
If You Don't Have An Email Login/Password, Please Contact Your RadioGram System Provider.**

This completes the Basic Router Programming procedure.