

Connecting LANTRONIX MatchPort b/g/ into Wlan networks.

Step 1.

Make sure that you can use a stand alone computer or notebook to connect the device to your network. You also need a wireless router with no security settings (factory default). Using default factory settings means that you can use the starters guide to connect to the router. Our advice is to use Mozilla Firefox because Internet Explorer 7 and 8 don't refresh the screen enough.

They show old settings that are not used anymore in the screen.

Standard settings of the Lantronix module when it leaves our factory are:

Default network DHCP
Default network name RAVAS (all capital characters)
Port number 10001
Security setting none

Step 2.

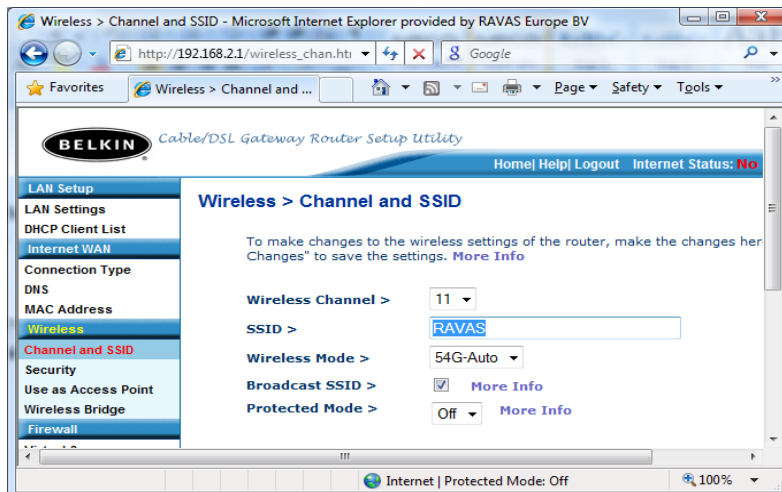
Make sure that the Lantronix device (RAVAS Unit) is close to the router when you turn on the device.

Step 3.

Open your internet browser and give the IP address in to access the router. (for instance: 192.168.2.1)

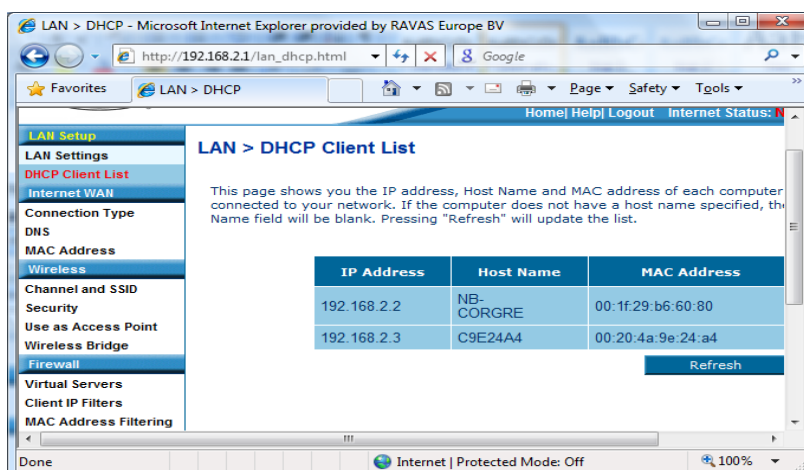
Step 4

Log in to the router (example shows a Belkin router)and go to the Wireless configuration settings. Enter RAVAS as SSID name.



Step 5.

Restart the router and the RAVAS unit. Log back in to the router and go to the DHCP Client list.



In our example you see that the RAVAS unit has the IP address 192.168.2.3, always check the MAC address which is also visible on the indicator housing of the RAVAS unit.

Step 6.

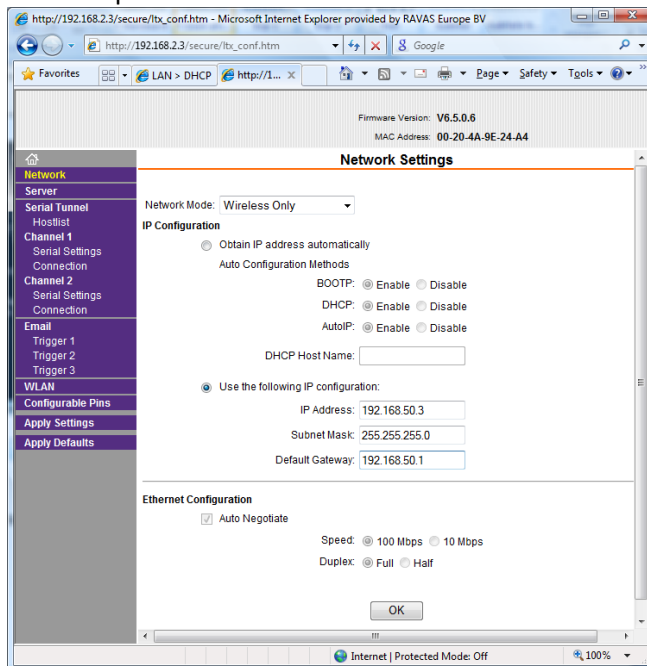
Enter the given IP address in to your internet browser.

Leave username blank and enter the password 2958

Step 7.

Go to the menu Network and fill in your credentials given by your network administrator.

For example



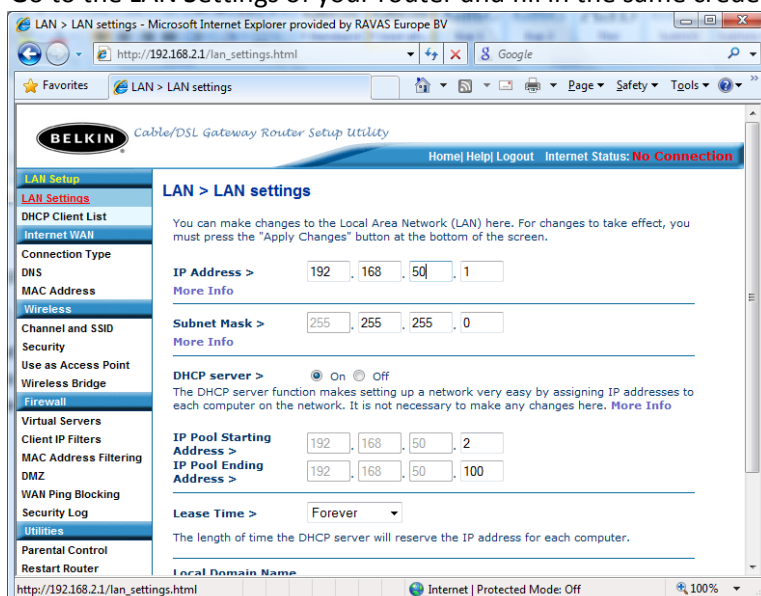
Left click on OK and you will see



Then click on Apply Settings.

Step 8.

Go to the LAN Settings of your router and fill in the same credentials.

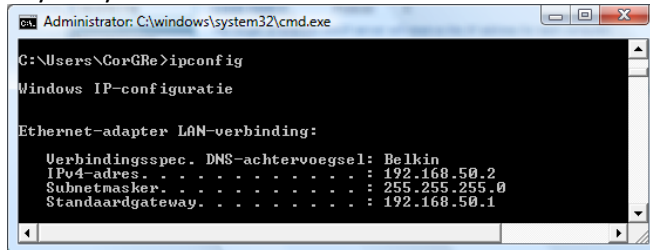


Remember to restart the router, disconnect the Ethernet connection with your stand-alone PC or notebook and re-connect it to obtain a new IP address.

To check if you have a new IP address do the following

Click on START, click on Run, type cmd and then click on OK.

You will see a black screen. Type IPCONFIG and then Enter and you will see a list of IP settings given to you by the router.



```
Administrator: C:\windows\system32\cmd.exe
C:\Users\CorGRe>ipconfig
Windows IP-configuratie

Ethernet-adapter LAN-verbinding:

Verbindingsspec. DNS-achtervoegsel: Belkin
IPv4-adres. . . . . : 192.168.50.2
Subnetmasker. . . . . : 255.255.255.0
Standaardgateway. . . . . : 192.168.50.1
```

Step 9.

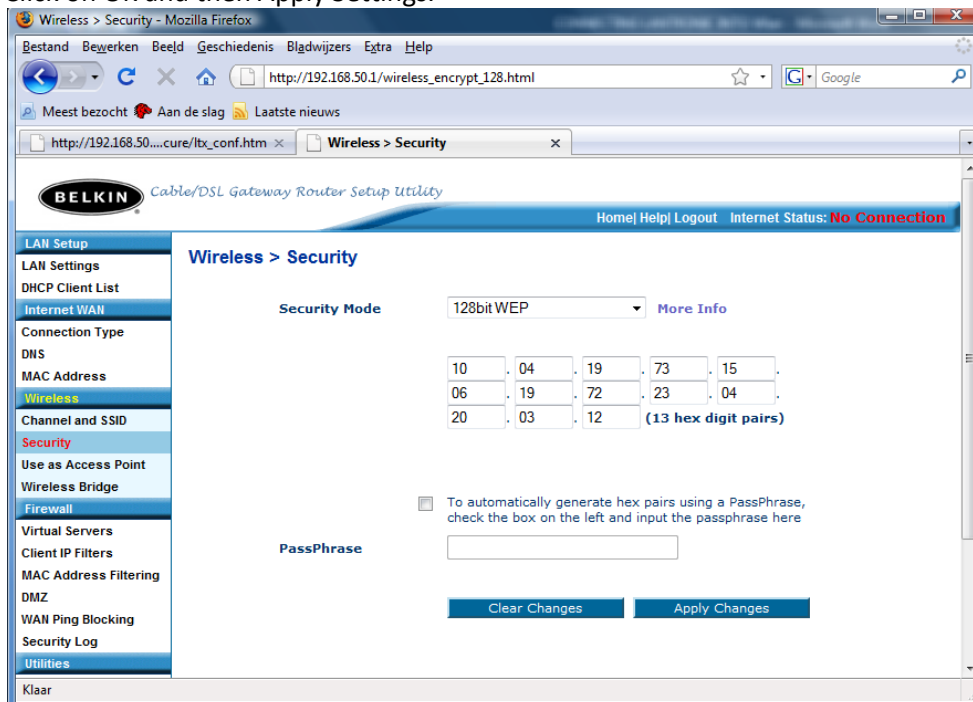
Open your internet browser and fill in the new IP address of the RAVAS unit.

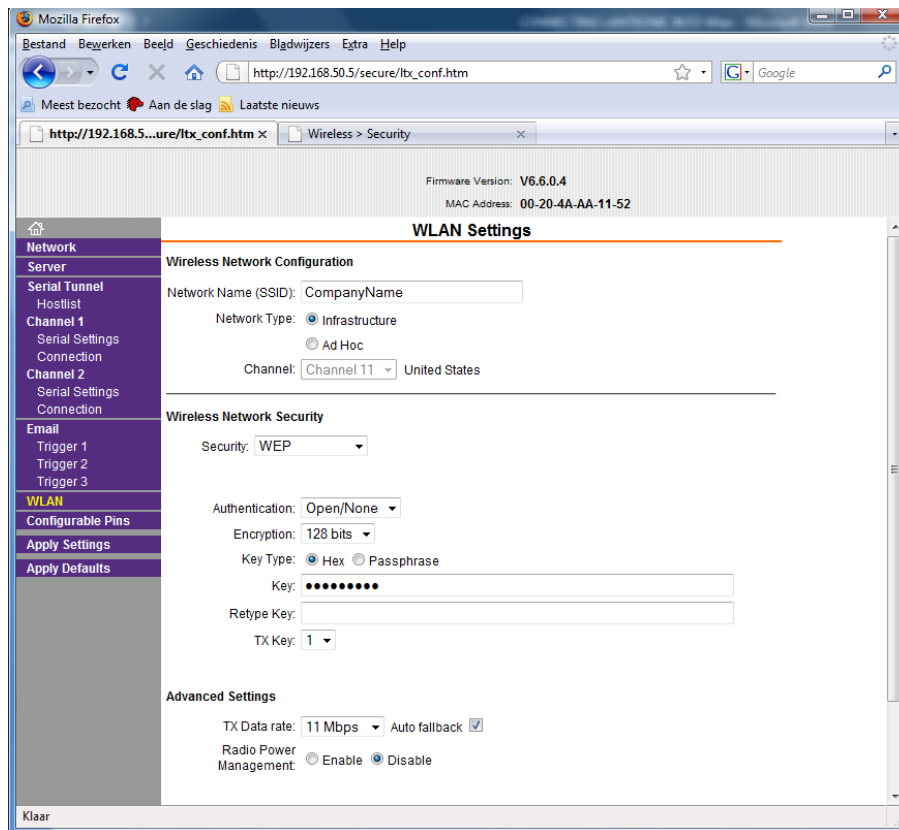
Log in without using a username and type in the password 2958.

Go to the WLAN settings menu and fill in your security settings regarding your WLAN.

(Use caution with this because a wrong entry will make the device useless. Also some Routers need a 63 character key whereas the Lantronix device needs a 64 character key when using WPA/WPA2)

Click on OK and then Apply Settings.





Step 10.

Check if you can connect to the device with a network attached PC or Notebook by entering the fixed IP Address you filled in at Step 7.

Documentation downloads:

[MatchPort b/g User Guide](#)

[MatchPort b/g Command Reference](#)

Program downloads:

[Free download Mozilla firefox](#)

[Free download Device installer](#)