CONCEPTRONIC
The Concept of Global Communication

Settings for the C100BRS4 MAC Address Spoofing with cable Internet.

General:

Please use the latest firmware for the router. The firmware is available on
http://www.conceptronic.net
! Use Firmware version 3.20C or higher

1. Find MAC address of your network adapter

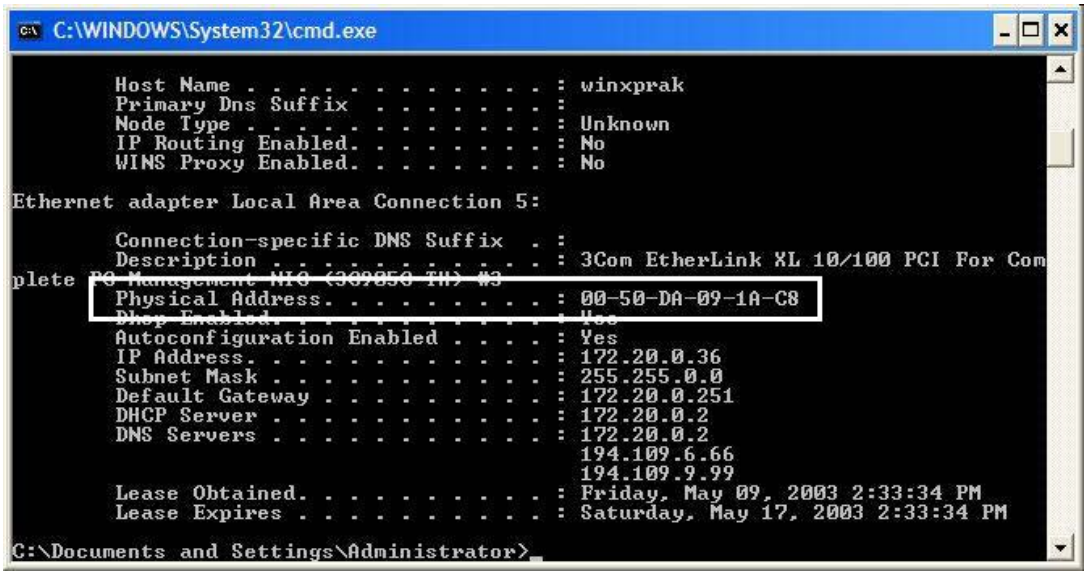
Before you can set the settings needed for your C100BRS4, you have to collect some information.
To get this information you have to connect the computer to the cable modem the original way.

**** Use one computer connected to the Cable modem of the provider.***

98, 98SE en ME:
Boot the computer. Go to Start -> Run
Type: **winipcfg** click 'OK' or press *<enter>*

You will get an overview of the installed network adapters Please select the network card and click details.
Please copy the following data, you will need this later.
1. MAC Address or Physical address: for example. **00-50-DA-09-1A-C8**

2000 en XP:
Boot your computer. Go to Start -> Run
Type: ***cmd*** click 'OK' or give *<enter>*
You will get a DOS Box with a command prompt.
Type: ***ipconfig /all*** *<enter>.*
You will get the information about your networkcards configuration.
Copy the data marked with the white line. (Ref. Picture 1). (MAC address or Physical Address. In this example **00-50-DA-09-1A-C8**)



* Bij sommige providers is het niet toegestaan om meerdere computers te gebruiken via een kabelverbinding. Gebruik van een router is volledig voor eigen risico.

Picture 1. (Picture is just to illustrate)

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2. Connecting and other settings of the C100BRS4 in combination with the cable modem and your computer.

! Place the C100BRS4 between cablemodem and computer. Connect the computer to one of the LAN ports of the C100BRS4. At the WAN connection you connected the cablemodem.

By default the DHCP function is enabled in the C100BRS4. That means that the network card connected to the C100BRS4 is getting an IP address automatically from the router.

Check if everything is connected properly. Boot the computer.
Open a web browser (example Internet Explorer).
Type in the address field; http://192.168.1.254 <*enter*> (This IP address is the default IP address of the router.

By default there is no username or password needed.
Click 'Ok to continue.

LAN:
- DHCP Server: leave it 'Enable' by default.
When this option is enable, then you do not have to make settings to the network card of the computers, which are connected to the C100BRS4. All the settings will be provided by the C100BRS4.

ISP
WAN -> ISP
Use 'Obtain an IP address automatically'.

DNS:
WAN -> DNS
- Obtain DNS automatically

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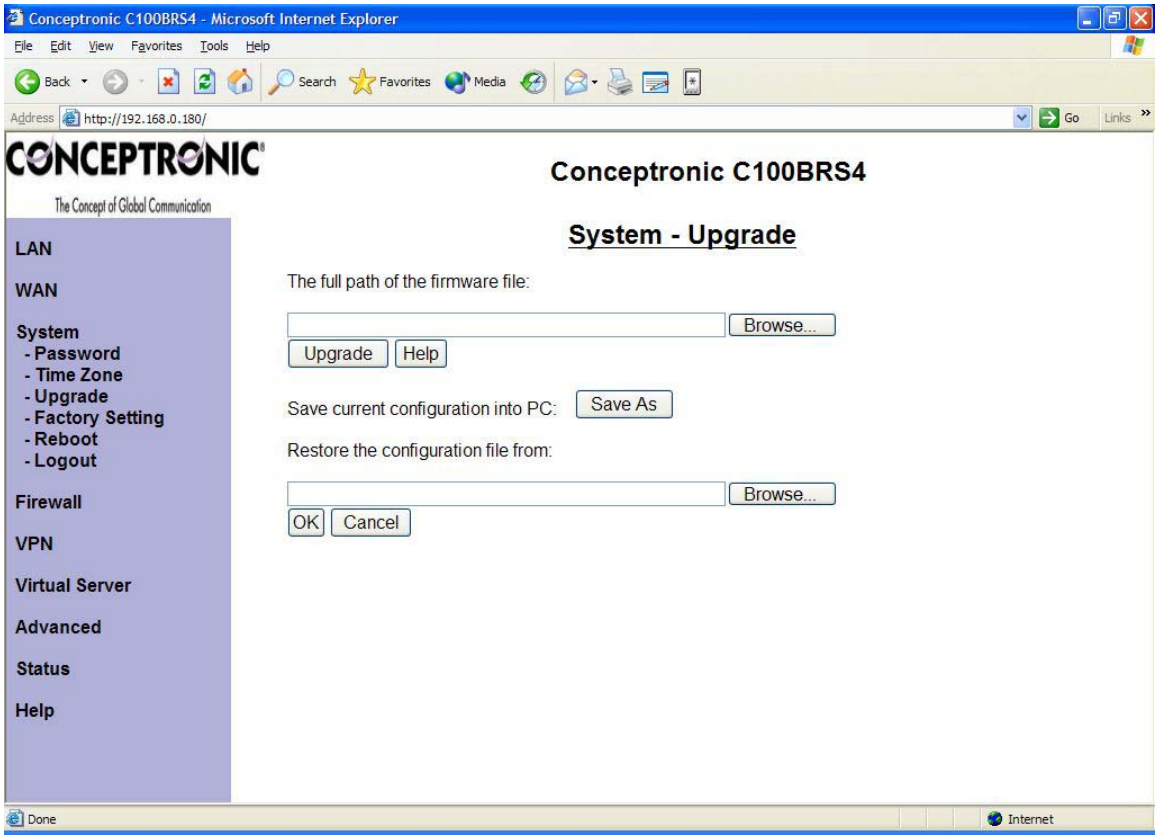
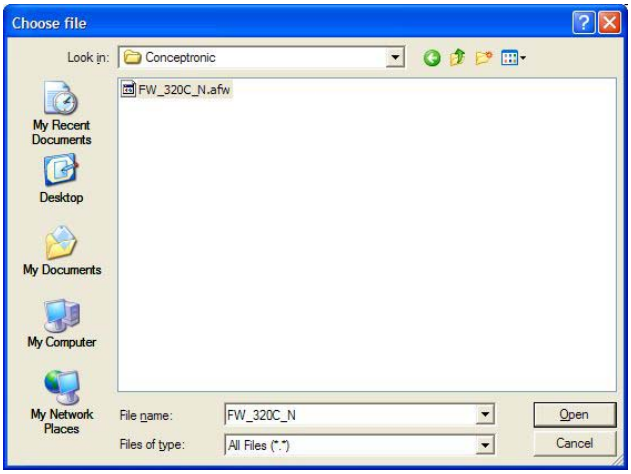
3. Updating firmware of the C100BRS4

Login to the C100BRS4 (ref. step 2).
First check the current version of the C100BRS4.
Got to: **Status -> Device Info.**
When your firmware version is 3.20C or higher, then you can skip this step

1. When needed, go to: **System -> Upgrade**



2. Click 'Browse' to locate the firmware file.



3. Select the firmware file and click 'Open'.

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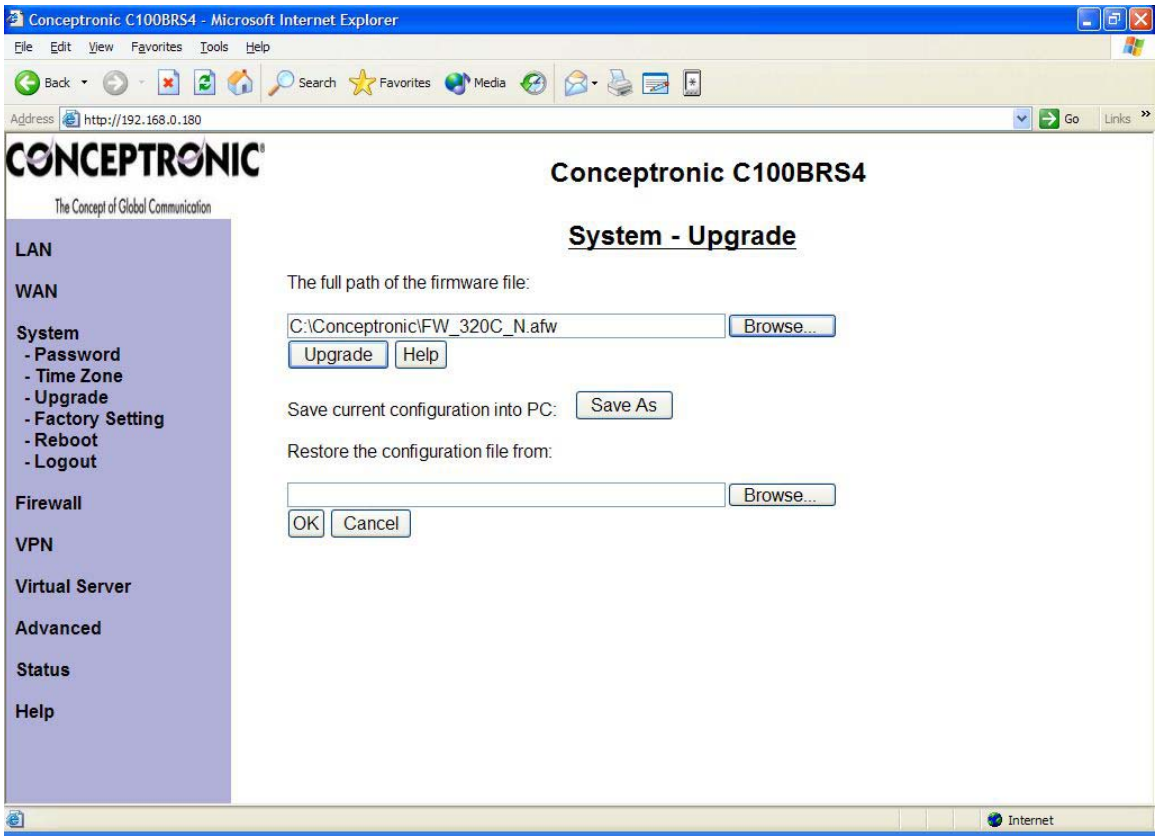

4. Click 'Upgrade' to apply the firmware.

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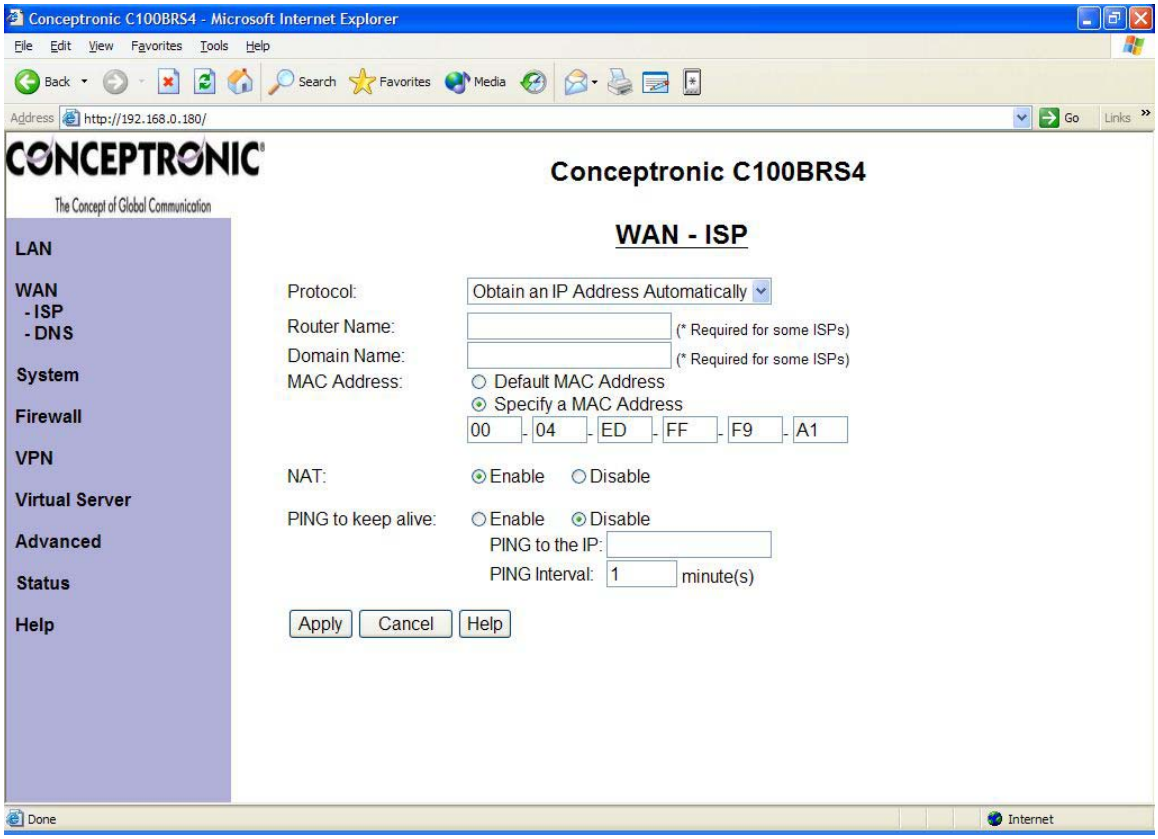
4. Settings in the C100BRS4.

4.1. Setting WAN -> ISP in the C100BRS4

Login to the C100BRS4 (Ref. step 2).
Go to: WAN -> ISP. The WAN->ISP menu appears. Make the following settings:

- Protocol: Obtain an IP Address Automatically
- MAC Address: Select 'Specify a MAC address'; enter the MAC address from your network card (also named as: physical address).
- Keep the other settings in the router default.
- Click 'Apply' to apply the settings made.



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