

GW1000-ABEM DH+ Master to AB Ethernet Server

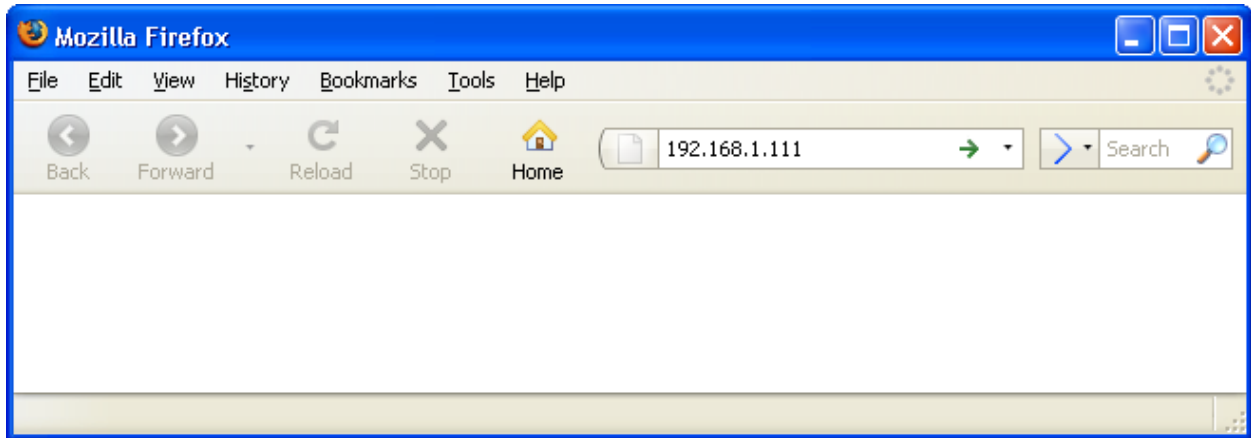
This application note provides an example of configuring the GW1000-ABEM to accept incoming master requests on DH+ and forward them to an Allen Bradley Ethernet server such as a SLC 5/05.

Additional information is available in the GW1000 User Manual at www.datalink-gateways.com or contact our Technical Support at (360) 306-5878 / (866) 709-6390.

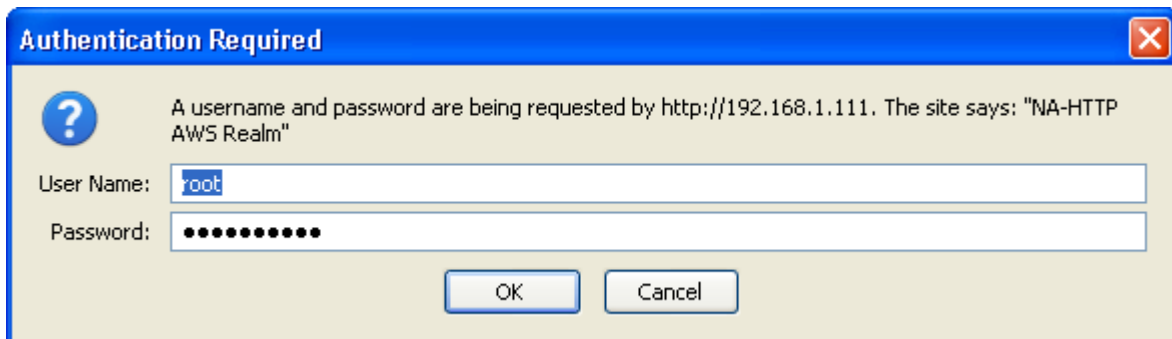
Set the IP address of the GW1000.

Connect the GW1000 Ethernet port to a switch or hub on the same network as your PC using a CAT5 network patch cord. Power on the GW1000 and wait 30 seconds for the bootup sequence to complete. Note the LAN LINK indicator LED should be on and the LAN ACTIVITY LED may be blinking.

Open a web browser such as Firefox or Internet Explorer. In the address bar, type the IP address of the GW1000. (The default IP address is 192.168.1.111). (note: if you have changed the default IP address of the GW1000, enter the new address in the address bar. If you do not know the IP address programmed into the GW1000, first restore factory defaults which is explained in the user manual.) Also, please note that your computer must be on the same network segment as the GW1000. ie, the IP address of your computer must begin with 192.168.1.xxx. You may need to temporarily change your computer's IP address. If you are using the wired Ethernet port on a laptop, please ensure that the wireless connection is disabled.



At the login prompt, type User Name "root" and Password "Netsilicon". Please note logins and passwords are case-sensitive. If you do not see the login window appear, please see additional detail in the user manual. You may need to adjust your network settings.



The Home page is displayed... Your software version may be different.

**DataLink DL-GW1000-ABEM : DH+ Master to A-B Ethernet Interface**

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Home

Welcome to the management and configuration web interface.

You can use the navigation menus on the left to access additional pages.

Name: DataLink DL-GW1000-ABEM : DH+ Master to A-B Ethernet Interface
Revision: 0909.1.00

IP Address: 192.168.1.111
MAC Address: 00:50:C2:89:F2:70
Serial Number: A00800724

CPU Utilization: 100%
Up Time: 2 minutes 26 seconds

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Click "Network IP Settings" to display the current IP address and subnet mask...



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Network Settings

Obtain an IP address automatically

Use the following IP address

IP v4 Address:

IP v6 Address:

Subnet Mask:

Default Gateway:

Primary DNS:

Secondary DNS:

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Change the IP address and subnet mask to any values desired, and click APPLY.

If you would like to change the DH+ node address of the GW1000 at this time, click "Standard Parameters" and choose a different node address. Be sure to click APPLY.

- For settings to take effect, you must click "Reboot" in the left margin and Click the "Reboot" button to confirm.

Set the IP address of the Destination

This screen allows you to change the DH+ node address occupied by the GW1000 and the DH+ baud rate. This screen also allows you to set the destination IP address where incoming DH+ requests will be sent to. ie. A typical setup is to enter the IP address of a SLC5/05 here.



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DL-GW1000 Online Operating Parameters

DH+ Configuration

Node Address: Octal 1 Decimal

Network Speed:

AB-Ethernet Configuration

Destination IP address:

TIP: Enter the IP address for your destination device such as PLC5-E's and SLC 5/05's.

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