

NetComm[®]
www.netcomm.com.au

 **Dynalink**

System Log Setup

(NB6PLUS4W Rev 2)

System Log

The system log provides a way to check for problems or provide more information about your issue when requested by Technical Support.

There are varying levels of information available to be displayed, however, this guide will only take you through the process of enabling "debug" mode. This means the maximum amount of information possible will be displayed.



As this information is cleared when the modem / router / VOIP ATA reboots, we recommend using a "**Syslog Utility**" (for example: [Kiwi Syslog](#)).

This software is able to receive the log information from the modem and save it. *

* - If supported by your model of modem / router.

System Log

This guide will take you through the steps required to enable your system log.

1. Open your web browser and go to the address <http://192.168.1.1>, using **admin** as the username and password.
2. Click on "**Management**" from the menu at the top of the page.
3. Click on "**System Log**" from the menu on the left hand side.
4. Set "**Log**" to "**Enabled**"

The screenshot shows the NetComm web interface. At the top, there is a navigation bar with the NetComm logo and icons for Quick Start, Status, Advanced, Wireless, and Management. A language dropdown menu is set to English. On the left, a sidebar menu lists various system functions, with 'System Log' highlighted. The main content area is titled 'System Log Configuration' and contains a descriptive paragraph and configuration options. The 'Log' option is set to 'Enable', which is highlighted with a red box. Other options include 'Log Level' (Debugging), 'Display Level' (Error), and 'Mode' (Local). At the bottom of the configuration area are three buttons: 'Apply', 'Cancel', and 'View System Log'. In the bottom left corner, system information is displayed: Firmware: 4.24p, DSL: A2pB025c.d22i, and Wireless: 5.10.120.0.

NetComm Quick Start Status Advanced Wireless Management Language English

System Log Configuration

This dialog allows you to configure System Log settings. All events greater than or equal to the selected level will be logged or displayed. If the selected mode is Remote or Both events will be sent to the specified UDP port of the specified log server.

Log: Disable **Enable**

Log Level: Debugging

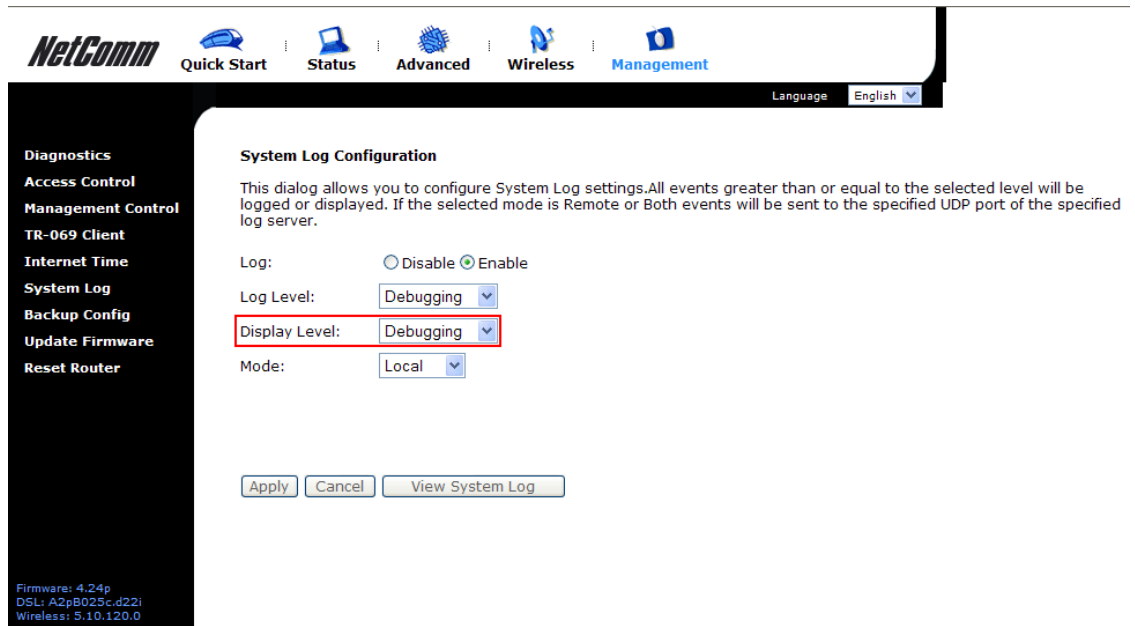
Display Level: Error

Mode: Local

Apply Cancel View System Log

Firmware: 4.24p
DSL: A2pB025c.d22i
Wireless: 5.10.120.0

5. Set "Display Level:" is set to "Debugging" from the pull down menu.



If you do not want to have your logging information sent to another computer, you can now click "**Apply**".

Once the page refreshes, you will then be able to click "**View System Log**" and see the current system log information.

To enable remote logging, please continue to the next page.

Enabling Remote System Logging

1. Set "Mode:" to either "Remote" or "Both". (both enables you to also view the system log as per the instructions above)

The screenshot shows the NetComm router web interface. At the top, there is a navigation bar with the NetComm logo and icons for Quick Start, Status, Advanced, Wireless, and Management. A language dropdown menu is set to English. On the left side, there is a sidebar menu with options: Diagnostics, Access Control, Management Control, TR-069 Client, Internet Time, System Log, Backup Config, Update Firmware, and Reset Router. The main content area is titled "System Log Configuration". It contains a description: "This dialog allows you to configure System Log settings. All events greater than or equal to the selected level will be logged or displayed. If the selected mode is Remote or Both events will be sent to the specified UDP port of the specified log server." Below the description are several configuration fields: "Log:" with radio buttons for "Disable" and "Enable" (selected); "Log Level:" with a dropdown menu set to "Debugging"; "Display Level:" with a dropdown menu set to "Debugging"; "Mode:" with a dropdown menu set to "Both" (highlighted with a red box); "Server IP Address:" with a text input field containing "0.0.0.0"; and "Server UDP Port:" with a text input field containing "514". At the bottom of the configuration area are three buttons: "Apply", "Cancel", and "View System Log". In the bottom left corner of the interface, the following information is displayed: "Firmware: 4.24p", "DSL: A2pB025c.d22i", and "Wireless: 5.10.120.0".

NetComm Quick Start Status Advanced Wireless Management Language English

System Log Configuration

This dialog allows you to configure System Log settings. All events greater than or equal to the selected level will be logged or displayed. If the selected mode is Remote or Both events will be sent to the specified UDP port of the specified log server.

Log: Disable Enable

Log Level: Debugging

Display Level: Debugging

Mode: Both

Server IP Address: 0.0.0.0

Server UDP Port: 514

Apply Cancel View System Log

Firmware: 4.24p
DSL: A2pB025c.d22i
Wireless: 5.10.120.0

2. Enter the IP address of the computer you are running your Syslog Utility software on. You cannot leave this field set to the default of 0.0.0.0.

The screenshot shows the NetComm router's web interface. At the top, there is a navigation bar with icons for Quick Start, Status, Advanced, Wireless, and Management. Below this is a sidebar menu with options like Diagnostics, Access Control, Management Control, TR-069 Client, Internet Time, System Log, Backup Config, Update Firmware, and Reset Router. The main content area is titled "System Log Configuration" and contains the following settings:

- Log: Disable Enable
- Log Level:
- Display Level:
- Mode:
- Server IP Address: (highlighted with a red box)
- Server UDP Port:

At the bottom of the configuration area, there are three buttons: "Apply", "Cancel", and "View System Log".

Firmware: 4.24p
DSL: A2pB025c.d221
Wireless: 5.10.120.0

3. Click **Apply**.

Your Syslog Utility software should now be able receive logging information from your modem / router / VOIP ATA.

For assistance with configuring the Syslog Utility software, please contact the software manufacturers.