



**SNMP-CY54-04 -
Eight Steps to Quickly
Configure the SNMP Card**

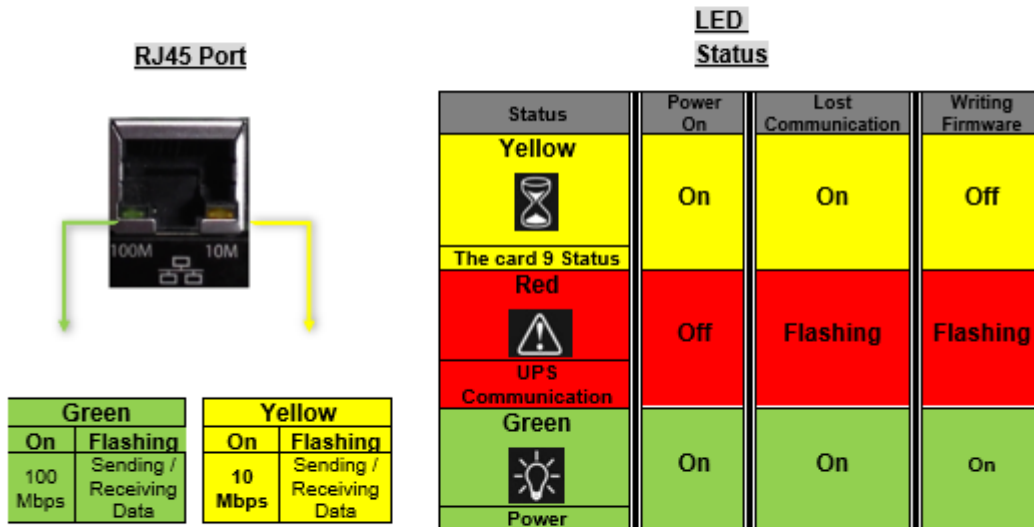
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SNMP Card Installation*

To learn how to install the SNMP card, please watch our one-minute YouTube video posted on our website at [SNMP Web Card Installation — Marathon Power Inc. \(marathon-power.com\)](http://marathon-power.com/SNMP-Web-Card-Installation)

Card LED Lights*



NOTE: When loading firmware, the red LED alternating flashes, DO NOT remove the card from the UPS.

Figure 1

Eight Steps to Quickly Configure the SNMP Card*

1. Connecting to the SNMP card*

The **SNMP-CY54-04** has a static IP address of **192.168.1.51** Subnet Mask: **255.255.255.0**
Default Gateway: **192.168.1.1**

The best way to connect to the card is by using an ethernet cable between your computer and the card. You may need to change your computer's IP address to 192.168.1.2 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.1.1

After making the connections above, open any web browser and enter 192.168.1.51 into the address bar. When asked, enter the username, **admin** and password, **user**

If your computer does not have an ethernet port, you can use a simple Wi-Fi router between your computer and the card. First, wirelessly connect your computer to the router using Wi-Fi, and then make a wired connection between the router and the card with an ethernet cable.

You will use five submenus: Configuration/Network/IPv4, Configuration/SNMP/General, Configuration/Email/Email Settings, Configuration/System Time, and Help/About.

Note: This manual follows the same structure and layout as the SNMP card's web interface.

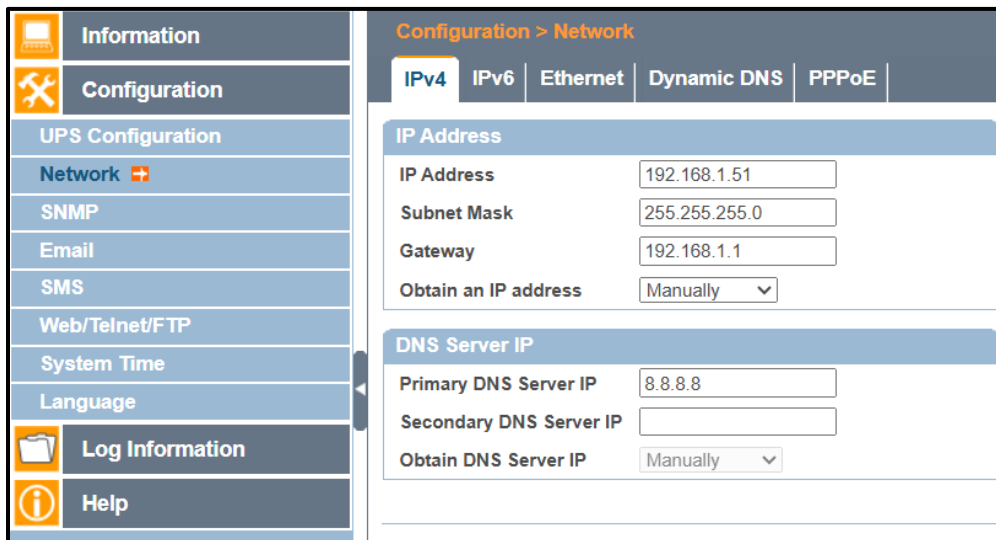
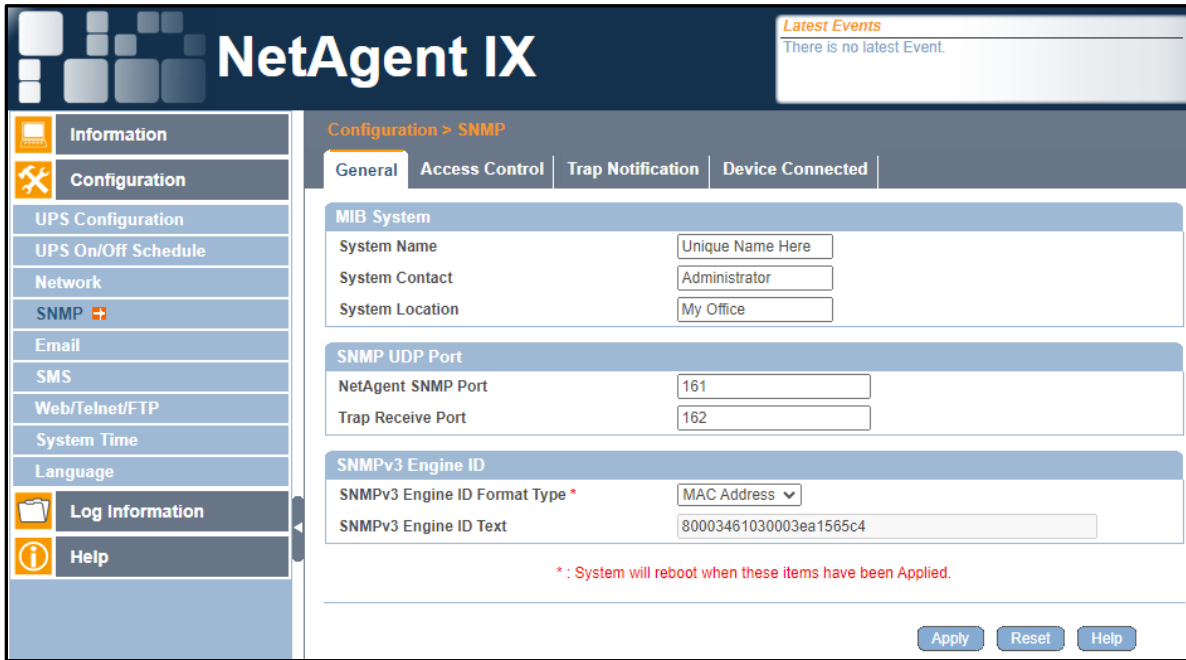


Figure 2

2. Assigning the Card a Unique Name*

Location: Configuration/SNMP/General/MIB System



The screenshot shows the NetAgent IX web interface. The top navigation bar includes 'Information', 'Configuration', 'UPS Configuration', 'UPS On/Off Schedule', 'Network', 'SNMP', 'Email', 'SMS', 'Web/Telnet/FTP', 'System Time', 'Language', 'Log Information', and 'Help'. The main content area is titled 'Configuration > SNMP' and has four tabs: 'General', 'Access Control', 'Trap Notification', and 'Device Connected'. The 'General' tab is active, showing the 'MIB System' section with fields for 'System Name' (containing 'Unique Name Here'), 'System Contact' (containing 'Administrator'), and 'System Location' (containing 'My Office'). Below this is the 'SNMP UDP Port' section with 'NetAgent SNMP Port' (161) and 'Trap Receive Port' (162). The 'SNMPv3 Engine ID' section includes 'SNMPv3 Engine ID Format Type' (set to 'MAC Address') and 'SNMPv3 Engine ID Text' (80003461030003ea1565c4). A red warning message states: '* : System will reboot when these items have been Applied.' At the bottom right are 'Apply', 'Reset', and 'Help' buttons.

Figure 4

NOTE: Enter a unique ID/Name into the “System Name” field. The “System Name” appears in the subject line of the event notifications emails. The “System Location” only appears in the body of the email.

3. Configuring the Power and BBS Event Notifications*

Location: Configuration/Email/Email Settings

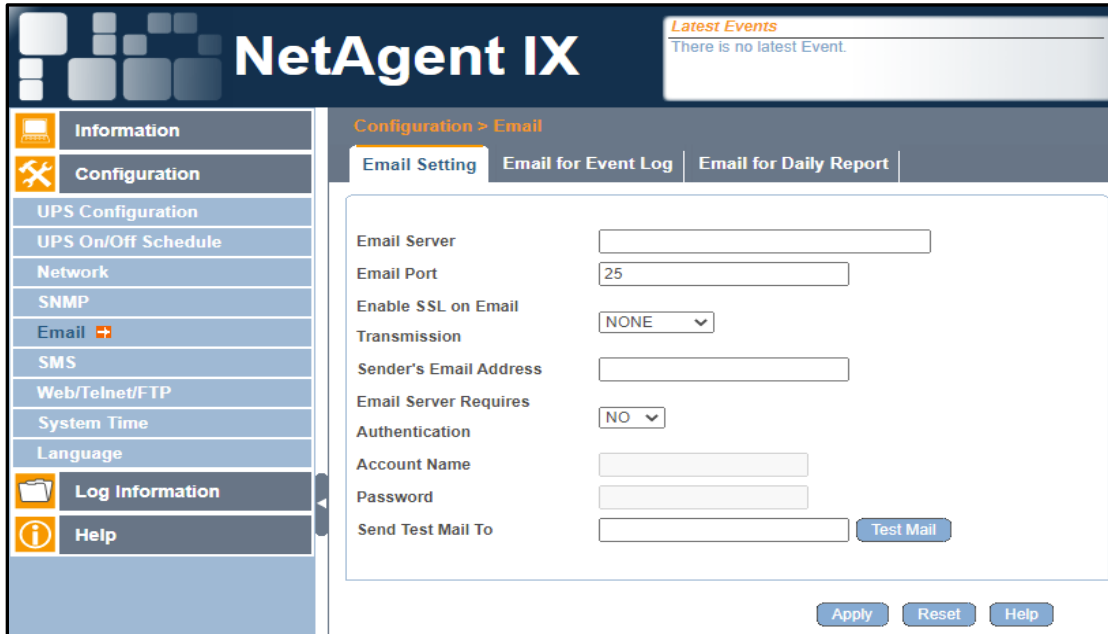


Figure 5

- The SNMP card must have an account to use to send emails.
- Enter the email server and account information of the account.
- You must enter a “Sender’s” email address to send email notifications.

Suggestion:

We recommend using a unique email account/email address only for BBS event emailing instead of a person's email address.

This allows all the card's notification emails to be managed in an email client (program) like Outlook by writing email forwarding rules, not on each SNMP card. This also avoids the problem of multiple technicians entering their personal email addresses.

4. Entering the email addresses of the people who should receive the notifications*

Location: Configuration/Email/Emailing for Event Log

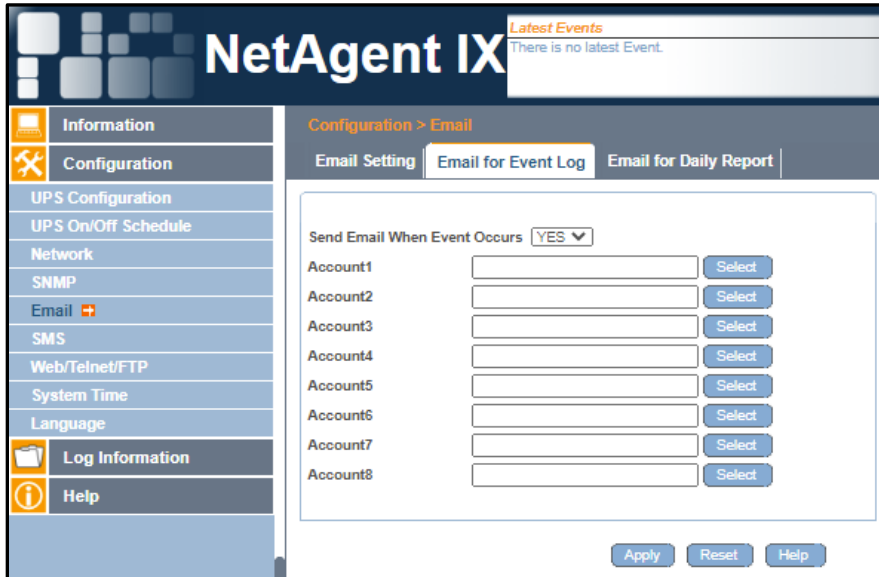


Figure 6

Enter the email addresses of the people you want to receive power and BBS event notifications. The Select button allows you to select which notifications are sent to that person.

Available Event Notifications*

UPS Events	YES	NO
Power failure	<input checked="" type="radio"/>	<input type="radio"/>
Power restore	<input checked="" type="radio"/>	<input type="radio"/>
Battery low	<input checked="" type="radio"/>	<input type="radio"/>
Communication lost	<input checked="" type="radio"/>	<input type="radio"/>
Communication established	<input checked="" type="radio"/>	<input type="radio"/>
Output overload	<input checked="" type="radio"/>	<input type="radio"/>
Output overload solved	<input checked="" type="radio"/>	<input type="radio"/>
Programmable Input Contact Activated	<input checked="" type="radio"/>	<input type="radio"/>
Any Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Any Fault	<input checked="" type="radio"/>	<input type="radio"/>
Timer Value	<input checked="" type="radio"/>	<input type="radio"/>
On Battery	<input checked="" type="radio"/>	<input type="radio"/>

Figure 7

5. Entering the email addresses of the people who should receive the Daily Reports*

Location: Configuration/Email/Email for Event Report

The screenshot shows the 'Email for Daily Report' configuration page. On the left is a navigation menu with 'Configuration' selected. The main content area has three tabs: 'Email Setting', 'Email for Event Log', and 'Email for Daily Report'. Below the tabs are four input fields labeled 'Account1', 'Account2', 'Account3', and 'Account4'. At the bottom, there is a dropdown menu set to 'YES' and a text input field containing '23:58'.

Figure 8

Enter the email addresses of the people needing to receive a daily copy of the event and data logs as a CSV file. The data and event logs are also available for download using the card's UI. We recommend sending the Daily Reports at 23:58.

6. Setting the Card's Time*

Location: Configuration/System Time

The screenshot shows the 'System Time' configuration page. The top header includes the 'NetAgent IX' logo and a 'Latest Events' section with the message 'There is no latest Event.'. The left navigation menu has 'System Time' selected. The main content area is titled 'Configuration > System Time' and contains several settings: 'System Time (yyyy/mm/dd hh:mm:ss)' set to '2021/04/08 20:14:04', 'Time Between Automatic Updates' set to '1 Hour', 'Time Server' set to 'time.nist.gov', 'Time Zone (Relative to GMT)' set to 'GMT', and 'Using Daylight Saving Time' set to 'NO'. There are 'Apply' and 'Reset' buttons for these settings. Below this is a 'Restart' section with 'Auto Restart System for Every (0: Disable)' set to '0' and 'Manual Restart System After 30 Seconds'.

Figure 9

7. Connecting the card to the Local Area Network*

Location: Configuration/Network/IPv4

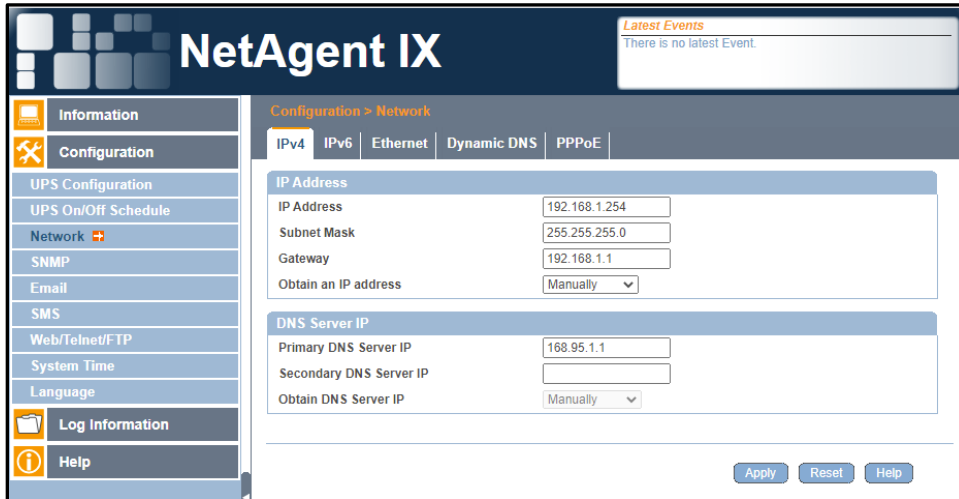


Figure 10

Enter a unique IP address to connect the SNMP card to the local area network.

Suggestion:

Before changing the card's IP address, consider saving the current configuration as a master configuration 192.168.1.51 file; see step 7 below for more information.

8. Saving and Restoring the Card's Configuration File*

Location: About/Save/Restore Settings

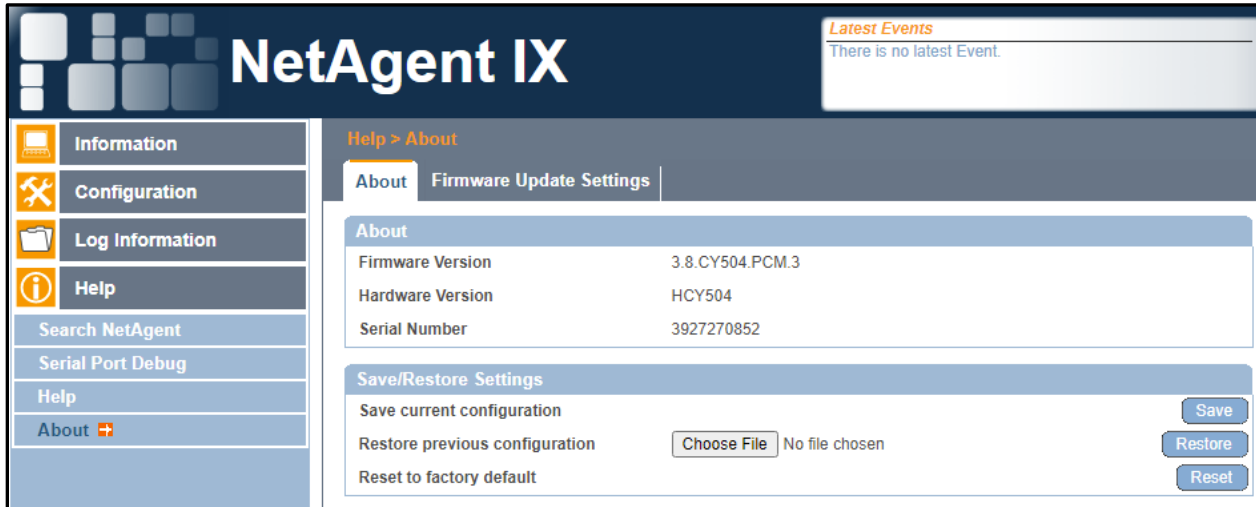


Figure 11

In the section Save Current Configuration, select Save to save the current card's configuration.

But you can also save a master configuration file for "restoring" a configuration on another SNMP card of the same make and model. You must change the "restored" card's IP address and System Name, but the new card is configured faster and easier using a master configuration file. **NOTE:** Two devices on a network cannot have the same IP address. This is why we recommend that you save a master with the card's default IP address 192.168.1.51
255.255.255.0 192.168.1.1

Save/Restore Settings

*Save Current Configuration**

Click on Save to save the configuration to your PC. The text file has a default format of YYYY_MMDD_TIME.cfg.

*Restore the previous configuration**

Click Browse to locate the file you want to restore and click Restore.

Appendixes

Password Recovery*

To reset the card's password, follow the steps below.

1. Using a PC on the same network as the card with an unknown password.
2. Open a web browser and type `http://xxx.xxx.xxx.xxx/password.cgi` (`xxx.xxx.xxx.xxx` is the IP address of the card), and click Enter

If you disabled HTTP access to the card, type `https://xxx.xxx.xxx.xxx/password.cgi` (`xxx.xxx.xxx.xxx` is the IP address of the card) and click Enter.

For the ID, enter the admin. For the password, enter the password located on the label under the SNMP card and then press continue. After pressing continue, the usernames and corresponding passwords will be displayed.



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