

MN4L+ Quick Start Guide

Default Setting for MN4L+ Series

LAN Port#1 IP address: DHCP
Administrator Username: root
Password: 0000 (4 zeros)

Initial Set up – Assign IP to the MN4L+

- 1) Connect the NAS to your network (connect the RJ45 network cable to the **LAN port 1** as shown on the picture below), turn it on and allow it approximately two (2) minutes to boot up.



- 2) Go to any computer that connected to the same network as the MN4L+. Insert Sans Digital AN208L Software/Manual CD into your CD-ROM drive. Copy the “NAS-Finder.exe” to the computer and run “NAS-Finder” to locate the NAS unit. This software will allow you to set the IP address for the unit.

- 3) After executing the NAS-FINDER program, a DOS dialog box will show up with a main menu.

```
C:\Documents and Settings\stanleychan\Desktop\NAS-Finder.exe
Scanning...
Found 1 clients
NAS-Finder Setup Utility
1. Scan network for NAS clients
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select :
```

- 4) View client (NAS unit) information by typing '2' at the main menu. The dialog box will show how many MN4L+ detect along with their Network Setting. Each unit detected will have a number assigned to it starting from #1. In this example, Client #1, MN4L+ is detected, with IP address 192.168.0.93.

```
C:\Documents and Settings\stanleychan\Desktop\NAS-Finder.exe
NAS-Finder Setup Utility
1. Scan network for NAS clients
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select : 2
Client #1 : AccuNAS <00:16:36:c5:a1:8a>
IPADDRESS : 192.168.0.93
NETMASK : 255.255.255.0
GATEWAY : 0.0.0.0
NAS-Finder Setup Utility
1. Scan network for NAS clients
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select :
```

NOTE: Information, such as MAC address, IP address, NETMASK and etc, may be different from system to system.

- 5) To setup the TCP/IP setting, type '3' and press enter. Following will show in the main menu.

```
C:\Documents and Settings\stanleychan\Desktop\NAS-Finder.exe
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select : 2

Client #1 : AccuNAS <00:16:36:c5:a1:8a>
IPADDRESS : 192.168.0.93
NETMASK : 255.255.255.0
GATEWAY : 0.0.0.0

NAS-Finder Setup Utility
1. Scan network for NAS clients
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select : 3

Client #1 : AccuNAS
Select client [0-1] <0=cancel>:
```

Type '1' to select Client #1: MN4L+ or '0' to cancel. After selection, Setup Utility will ask for password for MN4L+. Please enter the password. Default password for MN4L+ is: 0000 (4 zeros)

```
C:\Documents and Settings\stanleychan\Desktop\NAS-Finder.exe
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select : 2

Client #1 : AccuNAS <00:16:36:c5:a1:8a>
IPADDRESS : 192.168.0.93
NETMASK : 255.255.255.0
GATEWAY : 0.0.0.0

NAS-Finder Setup Utility
1. Scan network for NAS clients
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select : 3

Client #1 : AccuNAS
Select client [0-1] <0=cancel>: 1
Enter password of the Client AccuNAS : _
```

After the password entered, you will be able to setup the unit with you network setting.

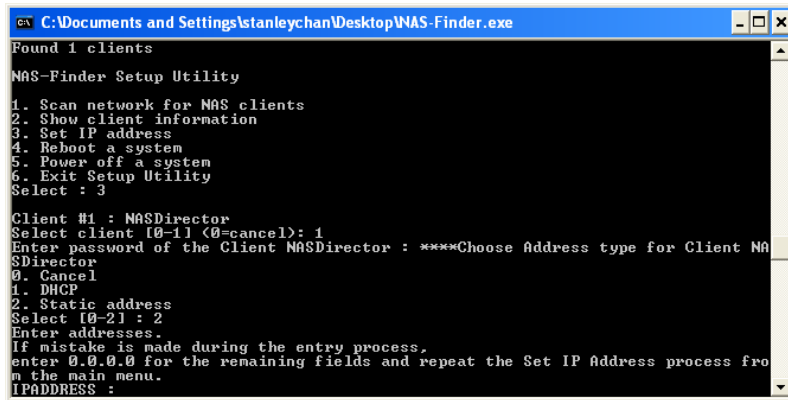
```
C:\Documents and Settings\stanleychan\Desktop\NAS-Finder.exe
Client #1 : NASDirector <00:16:36:c5:a1:8a>
DHCP
IPADDRESS : 192.168.0.179
NETMASK : 255.255.255.0
GATEWAY : 192.168.0.2

NAS-Finder Setup Utility
1. Scan network for NAS clients
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select : 3

Client #1 : NASDirector
Select client [0-1] <0=cancel>: 1
Enter password of the Client NASDirector : ****Choose Address type for Client NASDirector
0. Cancel
1. DHCP
2. Static address
Select [0-2] :
```

NOTE: DHCP is pre-defined for LAN port-1 when shipped from factory. DHCP is only used to quickly assign a local IP to the NAS. Changing the IP address to static IP address is strongly recommended for daily operation.

Select '2' for static address. Upon selection, following will show on the screen:



```
Found 1 clients
NAS-Finder Setup Utility
1. Scan network for NAS clients
2. Show client information
3. Set IP address
4. Reboot a system
5. Power off a system
6. Exit Setup Utility
Select : 3

Client #1 : NASDirector
Select client [0-1] (0=cancel): 1
Enter password of the Client NASDirector : ****Choose Address type for Client NASDirector
SDirector
0. Cancel
1. DHCP
2. Static address
Select [0-2] : 2
Enter addresses.
If mistake is made during the entry process,
enter 0.0.0.0 for the remaining fields and repeat the Set IP Address process from
the main menu.
IPADDRESS :
```

Enter the IP address, Subnet Mask and Gateway. The setup software will return back to the main menu upon finish. Select '4' to reboot the unit.

NOTE: The unit must reboot in order for the new IP become effective.

- 6) NAS-Finder Utility can also reboot and power down any MN4L+ NAS unit on the network. From the main menu, selecting 4 and 5 respectively will perform this function. For security reasons, administrator password for each MN4L+ unit must be entered to execute the command. Incorrect password will result in "Reboot failed" or "Power Down Failed" error and main menu will come up.
- 7) To exit from NAS-Finder Utility, select 6 from the main menu.

Console Login – Assign IP to the NAS from Console

If the NAS-Finder Utility cannot find the AccuNAS, please connect a keyboard and monitor to the NAS, and use Console login to set it up.

Login as "root", and use default password: 0000 (4 zeros)

Username: root
Password: 0000

- 1) Assign IP to the LAN Port-0. Please type the following:

```
#ifdown eth0
#ifconfig eth0 10.1.1.100
#ifconfig eth0 netmask 255.255.255.0
#ifup eth0
```

The above command will assign the LAN Port IP to: 10.1.1.100 and assign Netmask to: 255.255.255.0. Please change the IP address and network mask to your network setting.

- 2) Assign Gateway to the LAN Port-0. Please type the following:

```
#route
```

The above command will display current gateway setting

```
#route add default gw 10.1.1.1
```

The above command will assign the Gateway address to 10.1.1.1. Please change the Gateway address to your network setting.

SSH & Telnet Login

By default, SSH and Telnet login are enabled. SSH and Telnet login are used to replace local console login using monitor and keyboard. In order to enable or disable this feature, login using local console and type the following:

To Disable Telnet:

```
#mv /etc/xinetd.d/telnet /root  
#service xinetd restart
```

To Disable SSH:

```
# service stop sshd  
# chkconfig --level 345 sshd off
```

To Enable SSH:

```
# chkconfig --level 345 sshd on  
# service start sshd
```

Web Login (http/https login)

After your network IP address is set, you can now remote access the Administrator GUI from Web Browser. From your web browser, type in the IP you just assigned to the NAS, such as: 10.1.1.100 or just simply type: mobilenas and type the following username and password:

User ID: root
Password: 0000