

# NetworkEye/270 v1.1 Release Notes



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## OVERVIEW

These release notes expand on the new features incorporated into firm-ware **version 1.1** for the the NetworkEye/270 (NE).

## NEW FEATURES

### IPAssign Windows Configuration Tool

Prior to version 1.1 of the NE, assigning an IP address to the frame server is accomplished using ARP, RARP, or BOOTP. Most often a manual ARP command is the preferred choice but there can be problems with the protocol's complexity and some ARP implementations on Windows stations. Therefore, with version 1.1, Microplex has introduced a new Windows utility, IPAssign, which helps identify NE's on your network and temporarily assign IP addresses to them without needing ARP at all. Instead, IPAssign automatically recognizes BOOTP packets broadcasted on the network by an NE allowing you to then assign an IP address to it and load a Web browser to view its captured images.

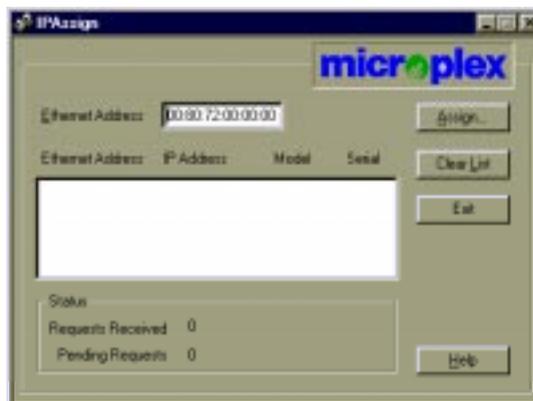
To use IPAssign to recognize an NE on your network, you will need to:

- 1 Insert the Microplex diskette labeled "IPAssign" into the floppy drive on your Windows station.
- 2 Load the File manager or WinFile and look under the floppy drive for an IPAssign self-extracting file.
- 3 Double click on the IPAssign file to launch the install program.
- 4 When prompted to install, click on YES to load the InstallShield Wizard.
- 5 Answer the prompts throughout the wizard.
- 6 Once the install process is complete, you will be prompted to view the "ReadMe" file. Select "Yes" to read this and when done, close the file.
- 7 Find the new IPAssign program group and double click on the "IPAssign" icon to load the program.
- 8 At the "IPAssign" main dialogue box that appears, you should see an entry for your NE appear in the list box. If not, give IPAssign a couple of minutes to find the device on the network or repower the device to speed the process. *Figure 1* shows an example screen.



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Figure 1: IPAssign Main Screen



- 9 Once your NE's Ethernet address appears in the list box, select it and press ASSIGN.
- 10 At the "Assign IP" dialogue box that displays next, fill in the IP address and subnet mask for this NE.

**Note:** You can also assign a default router/gateway entry within this dialogue box allowing your NE to communicate across subnets. This is optional though.

- 11 Click SET when done to assign these TCP/IP settings to the NE. IPAssign will then display two dialogue boxes informing you of its progress.
- 12 Once you see the message about successfully assigning the settings, click OK. These TCP/IP settings are now in the NE's *current* memory to be retained until the next power cycle.
- 13 Click on LAUNCH BROWSER at the next window that displays if you want to store the TCP/IP settings into the NE's Flash. This will prevent you from losing the settings after a power cycle.
- 14 Read the text in the "Configuration Information" window that displays and click OK to launch your Web browser.

**Note:** If you are taken back to the IPAssign main dialogue box instead, you will be unable to launch your browser this way. Please load it manually and go to the URL, "<http://NEIPaddress/networkConf.html>" (e.g. "<http://192.75.11.9/networkConf.html>").

- 15 Once your Web browser is loaded and you're prompted for a "User ID", type "root".
- 16 At the "Password" prompt, press ENTER since there is no password configured by default and click OK. If you have a root password configured, please enter this instead.



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- At the “Network Configuration” HTML form that displays, fill in the NE’s IP address under the “IP Address” field. *Figure 2* shows an example configuration form.

**Figure 2: Network Configuration HTML Form**

The screenshot shows a Netscape browser window displaying the Network Configuration HTML form. The browser's address bar shows the URL 'http://192.175.11.9:8080/Network/Config.html'. The form has a navigation menu at the top with links for Home, About, Configuration, Status, and Help. Below the menu is the 'Network' logo and a note: 'NOTE: These settings only take effect after you reset the M202Plus from the System page'. The main section is titled 'TCP/IP' and contains a table for interface configuration. The table has columns for Interface, IP Address, Subnet Mask, BARP, BOOTP, and DHCP. The IP Address field is filled with '192.175.11.9' and the Subnet Mask field is filled with '255.255.255.0'. Below this is a 'Routing' section with columns for Destination, Mask, and Gateway. The Destination column has a 'default' entry, and the other columns have empty input fields.

Interface	IP Address	Subnet Mask	BARP	BOOTP	DHCP
	192.175.11.9	255.255.255.0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Routing	Destination	Mask	Gateway
	default		

- Click in the field labeled “Subnet Mask” and fill in the NE’s subnet mask.

**Note:** If you would like to communicate with the NE from across routers, you will need to fill in an entry within the “Routing” section.

- Click on the SUBMIT button when done.
- Repower the NE to make the changes take effect. Either physically unplug and plug in the power supply or click on the “System” link at the top of the “Network Configuration” HTML form. Once at the “System” form, click on the REBOOT button.

At this point, the TCP/IP settings are stored in Flash. These new settings will now be retained anytime the NE is repowered.



### ERATA FOR NETWORKEYE/270 VERSION 1.0 MANUAL

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|--------------------------|--|
| <b>Page 25</b>           | There should be no option for “FTP” under the “Configuration Menu” listing.                          |
| <b>Page 46</b>           | The “TCP Port Numbers Used on the NetworkEye/270” list should include “80 HTTP Server Port” as well. |
| <b>Throughout Manual</b> | Any references to the “PC QuickCam” should be read as “QuickCam for Windows”.                        |