

## 2.7 Network Connection (CSX550-09 only)



### Caution

Both USB and network connection cannot be executed simultaneously. Please refrain from connecting the USB cable and the network cable to a single computer at the same time.



- The procedure outlined below is based on the requirement that you are logged on to Windows with administrator rights. Consult your Windows manual and Windows Help for more information.
- Before executing Graphtec Network Utility, please be sure to first install the scanner driver software. (see Section 2.5, "Installing the Scanner Driver Software")

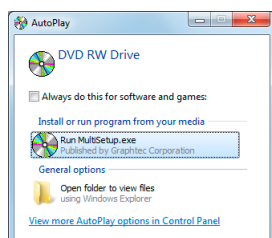
### Installation procedure

The following procedure assumes that you are using the Scanner connected via a Network interface as part of your system.

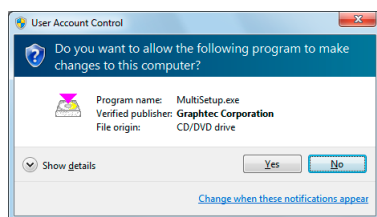
The windows shown are those for Windows 7.

- (1) Turn on the Scanner and computer power, and connect to a Network interface.
- (2) Insert the "IMAGE SCANNER USER GUIDE CD-ROM," which came with the scanner, into the CD-ROM drive.

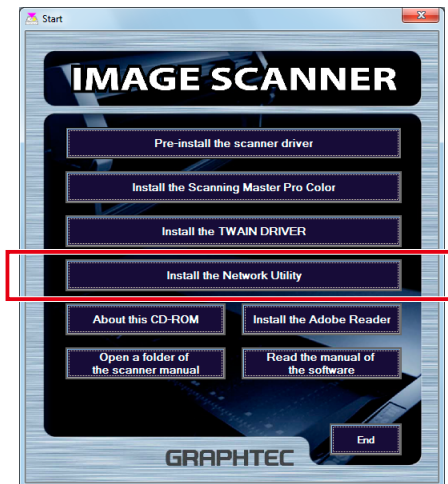
AutoPlay screen will appear shortly. Select [Run MultiSetup.exe] from there.



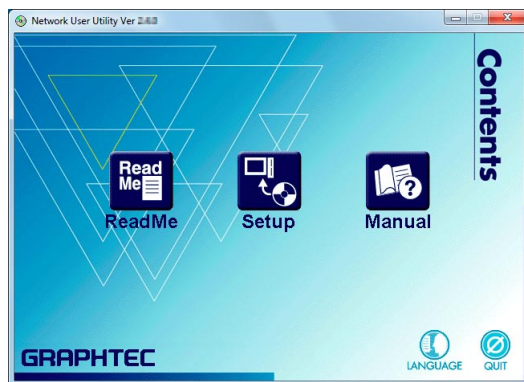
- (3) The User Account Control screen is displayed. Click [Yes] to proceed with the installation.



- (4) The "Setup menu" screen starts automatically. Next, click the "Install the Network Utility" button. If the "Setup menu" screen does not start, open Windows Explorer, and double-click on "MultiSetup.exe" within the CD-ROM folder.

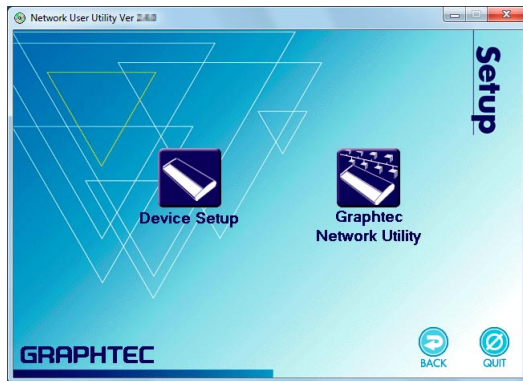


- (5) When the following screen is displayed, click [Setup].

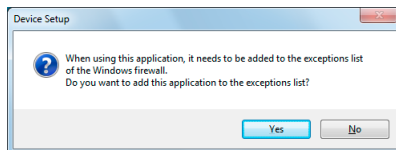


## Device Setup Settings

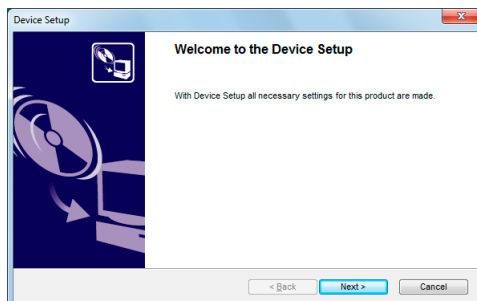
(6) When the following screen is displayed, click [Device Setup].



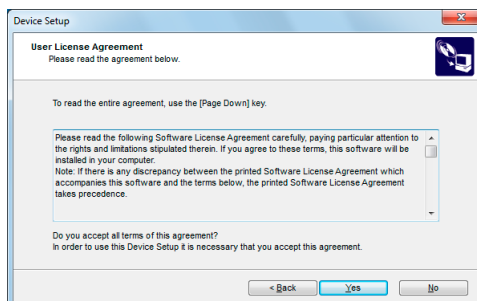
Note: For Windows 7, Windows Vista, and Windows XP Service Pack2, the following “Firewall Exception List Registration Confirmation” will be displayed. Click [Yes].



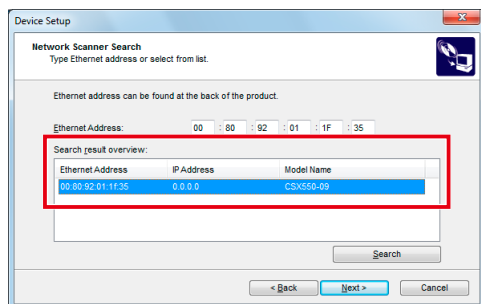
(7) The screen shown below appears. Click [Next].



(8) When the following screen is displayed, please read the “User License Agreement”, and click [Yes].



- (9) When the following screen appears, select the scanner displayed on the “Search result overview”, and click [Next].



Note: The Ethernet address cannot be found at the back of the product.

Note: If the scanner is not displayed, confirm that the scanner is connected to your computer, and click [Search].

### Caution

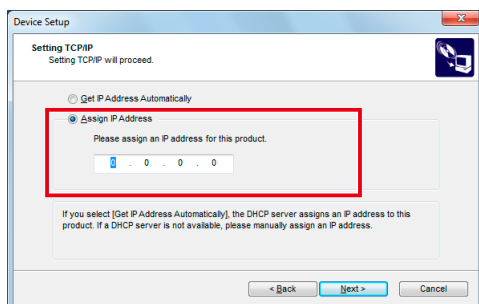
- If the IP address has been set to a setting other than the initial setting (0.0.0.0), the IP address of the computer used to make the setting must belong to the same subnet as the IP address that was set for the scanner.
- This setting cannot be made if there is an existing IP address that is the same as that of the scanner.
- When the setting will be performed from a location that a router is used to access, depending on the type of router used, there may be locations that cannot be searched. In this case, make the setting within the same segment.

- (10) This will calibrate your IP address settings.

Note: Depending on the environment, the screen displayed may vary.

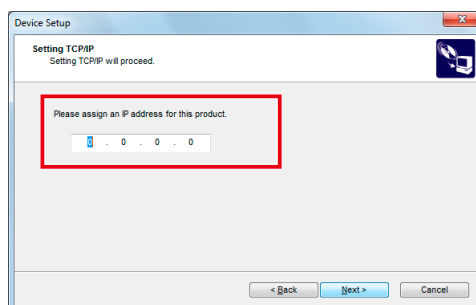
- In case the following screen is displayed:      • In case the following screen is displayed:

Select “Assign IP Address”, and then click the [Next] button after entering your desired IP address.



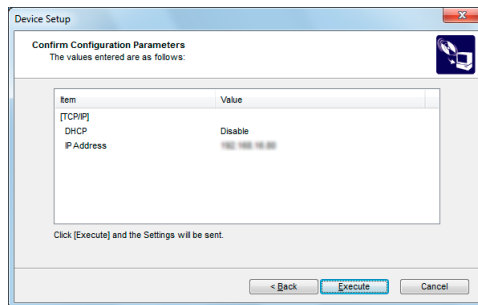
Note: If you don't know your IP address, please ask your network manager. If there exist 2 or more of the same IP address on one network, the network may be damaged.

Specify your desired IP address, and then click [Next].

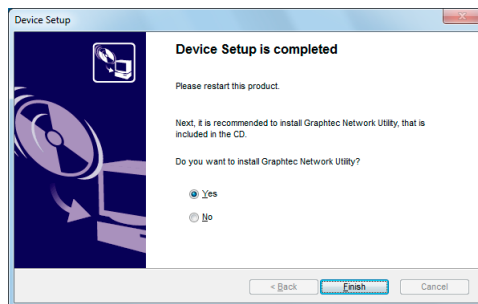


Note: If you don't know your IP address, please ask your network manager. If there exist 2 or more of the same IP address on one network, the network may be damaged.

(11) The screen shown below appears. Check the settings and click [Execute].



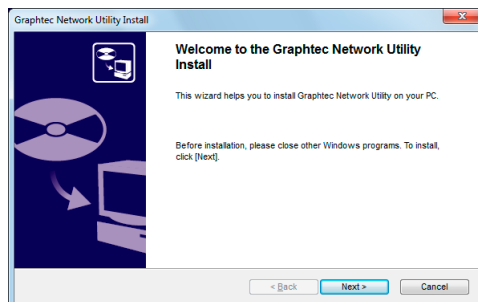
(12) The screen shown below appears. Select “Yes” and click [Finish].



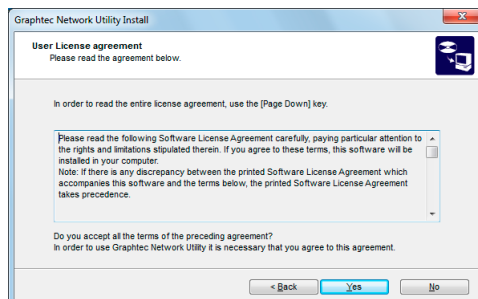
This completes the Device Setup operation.

## Installing the Graphtec Network Utility

(13) The screen shown below appears. Click the [Next] button.



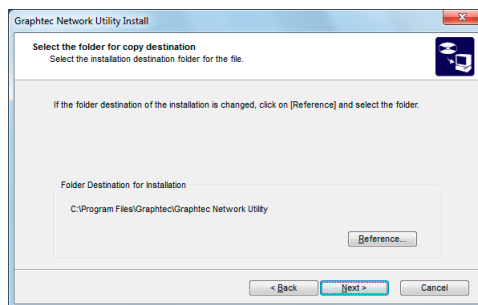
(14) The screen shown below appears. Check the contents of the “User License Agreement” and click [Yes].



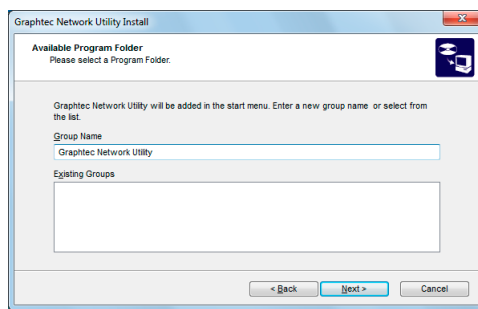
(15) The following window appears.

Select the destination folder for installation. To specify a folder, click [Reference] and then select a folder.

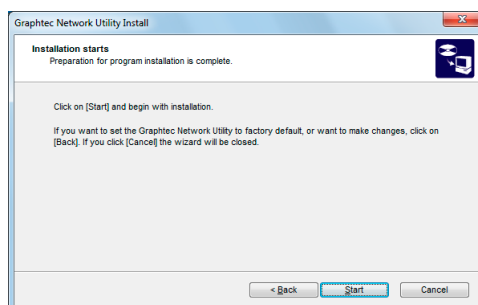
Note: The default destination folder is C:\Program Files\Graphtec\Graphtec Network Utility.  
Click [Next].



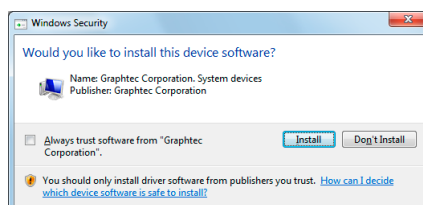
(16) The screen shown below appears. Set the name of the program folder and click [Next].



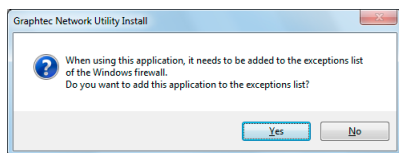
(17) Click [Start] to start the installation procedure.



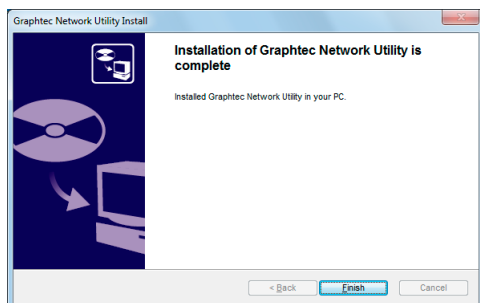
Note: In Windows 7 and Windows Vista, the “Windows Security” screen below appears. Click [Install].



Note: If you are using Windows 7, Windows Vista or Windows XP Service Pack 2, the following confirmation screen asking you whether you want to add this application to the Windows firewall exception list appears. Click [Yes].



(18) When installation has been completed, click [Finish].



This completes the setup operation of the Graphtec Network Utility.

## Setting up the Graphtec Network Utility



**Before executing Graphtec Network Utility, please be sure to first install the scanner driver software. (see Section 2.5, "Installing the Scanner Driver Software")**

(1) Set up the Graphtec Network Utility.

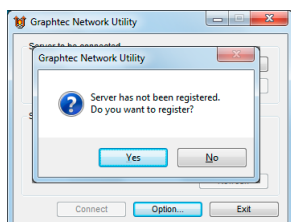
Launch the "Graphtec Network Utility" from the [Start] menu.

(2) Register the server to connect to.

When launching the Graphtec Network Utility, the screen for server registration appears.

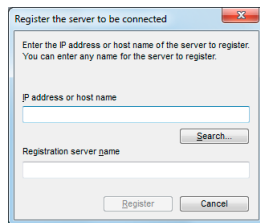
Click [Yes] to perform registration of the server.

Note: Even if [No] is selected, you can still proceed to the registration window by clicking the [Register].

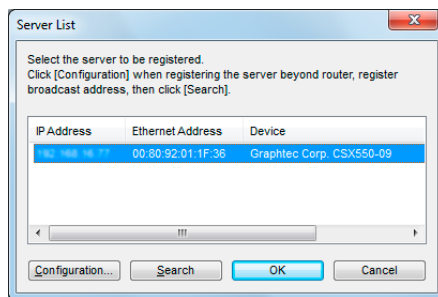


**In the Graphtec Network Utility, server refers to the scanner.**

(3) The screen below appears. Click [Search].



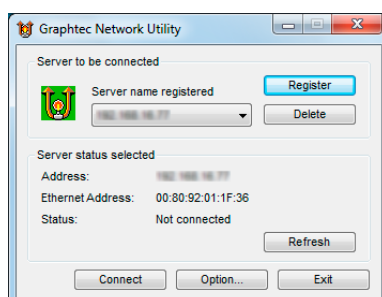
(4) Select the connected server, and then click [OK].



(5) Click [Register] to connect from the Graphtec Network Utility.



(6) Click the [Connect] button.



Note: The install screen for the Scanner Driver Software appears. (see Section 2.5, “Installing the Scanner Driver Software”)

Windows 7 ..... Step 9 of “When using Windows 7”

Windows Vista ..... Step 9 of “When using Windows Vista”

Windows XP ..... Step 8 of “When using Windows XP”



- When using the Scanner connected to a Network interface, be sure to launch the Graphtec Network Utility and click the [Connect] button. Furthermore, when you have finished using the scanner, click the [Disconnect] button to put the scanner in a status that enables it to be used with other computers.



- If the [Connect] button is displayed in gray, the scanner is being used with another computer. Please connect the scanner when the [Connect] button display returns to black indication.
- When the scanner is connected to the computer and no commands are received, it will be disconnected after approximately 10 minutes.



#### Caution

- If the scanner is disconnected with the Scan window left open, the scanner will remain in the scanning status, and cannot be used other computers. In this case, the scanner must be turned off and then on again.
  - The scanner's network interface sleeps when the scanner is in energy-saving mode. When connecting the scanner, bring it out of the energy-saving mode.
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## How to initialize the settings

The following methods will allow you to initialize the network environment for the scanner.

- Initialize with the scanner
- Initialize with the Network Utility

Once initialized, the IP address will become (0.0.0.0).

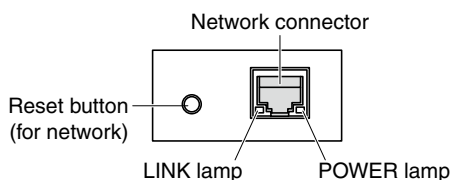
After initialization, insert the "IMAGE SCANNER USER GUIDE CD-ROM", which came with the scanner, into the CD-ROM drive.

Go to "Install the Network Utility" and use "Setup" to execute the "Device Setup".

(Refer to the "Setup procedure" mentioned before.)

### Initialize with the scanner

Initialize the scanner if you change the environment of the network to which the scanner is connected.



Remove the Network Cable, and turn the scanner OFF.

Turn the scanner ON while holding down the Reset Button. (the POWER lamp on the right will light up)

Keep holding down the Reset Button until the LINK lamp on the left lights up.

When the LINK lamp lights up, let go of the Reset Button.

Turn the main power on the scanner OFF (on the O side), and switch the power ON after at least 5 seconds (on the I side).

This will initialize the network environment.

### Initialize with the Network Utility

Initialize the settings when changing the Network environment for the scanner.



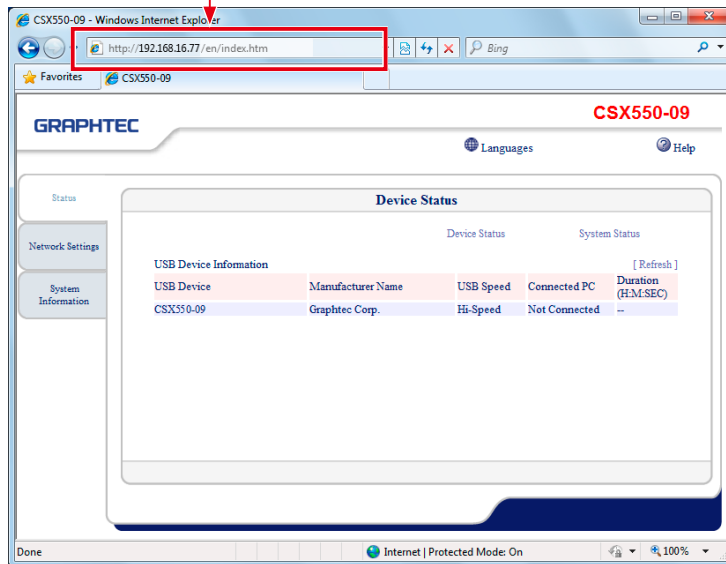
**Set the browser's proxy server to off when performing the initialization settings.**

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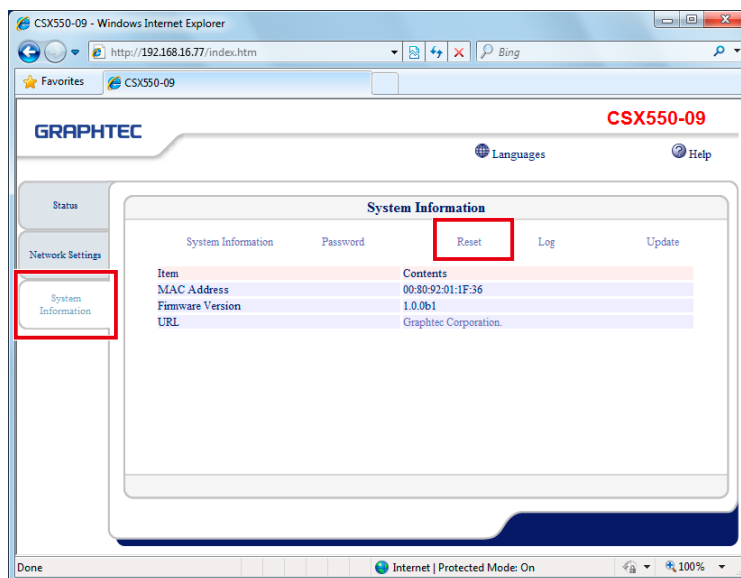
- (1) Launch Internet Explorer.

- (2) Enter “http://scanner IP address/en/index.htm” in the Address bar at the top of the screen.

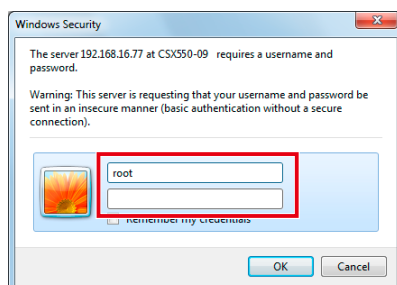
**Example: http://192.168.16.77/en/index.htm**



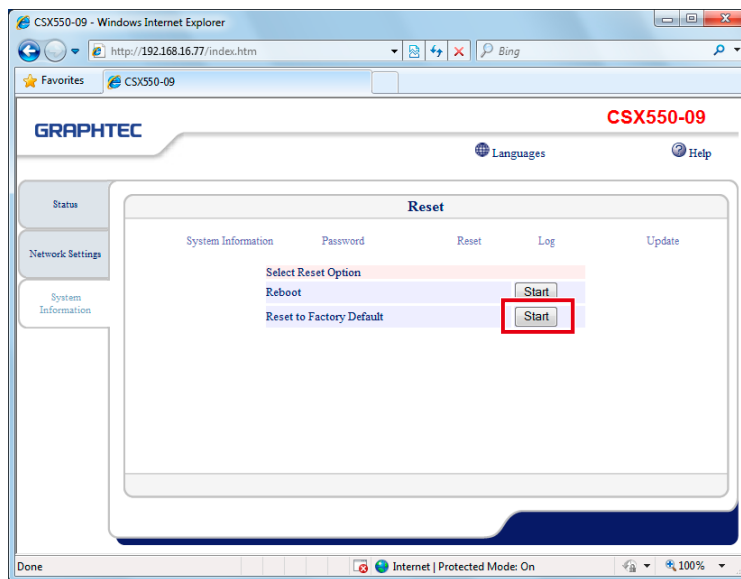
- (3) Select the “System Information” tab and click [Reset].



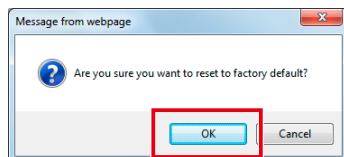
- (4) Enter “root” in the User name box and then click [OK].  
(User name: root; Password: blank box)



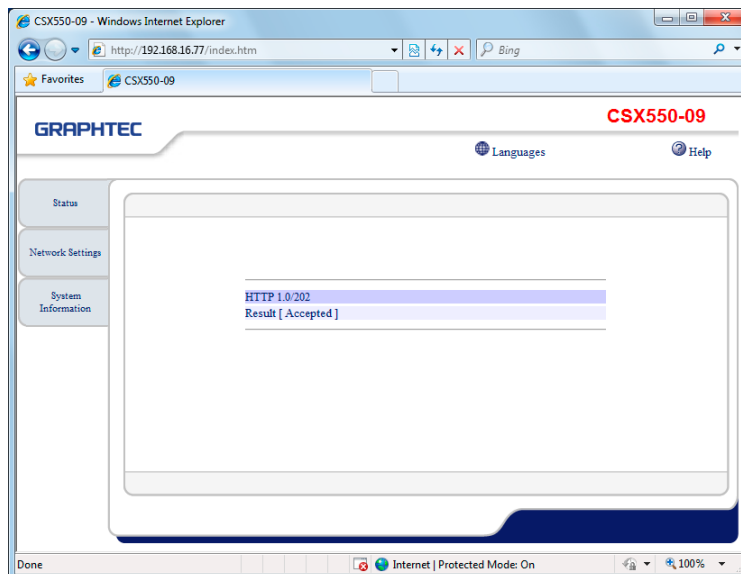
(5) Click the [Start] button for “Reset to Factory Default”.



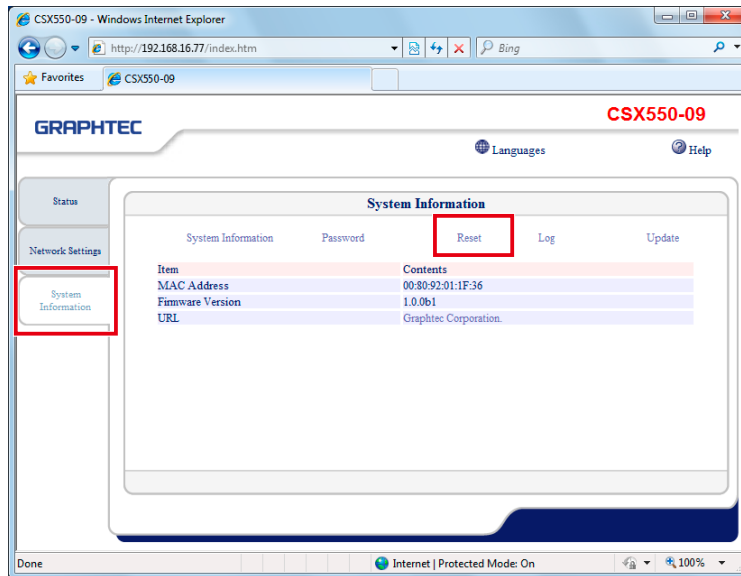
(6) “Are you sure you want to reset to factory default?” appears.  
Click [OK].



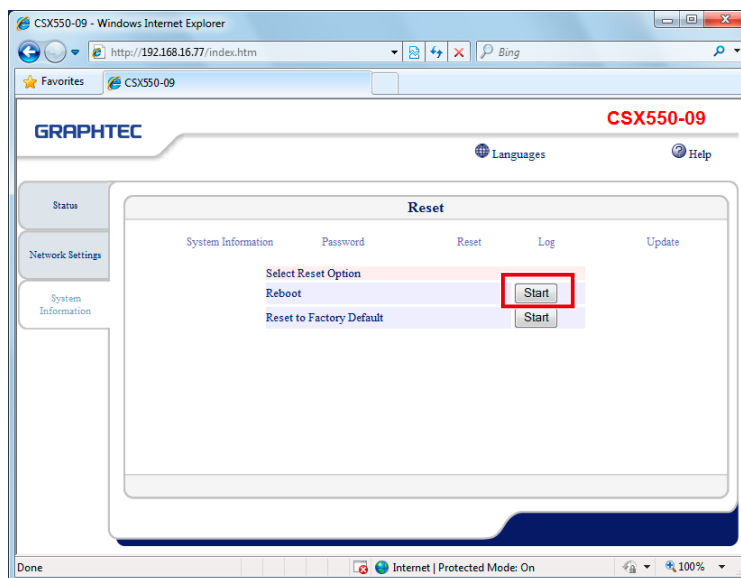
(7) The following window is displayed after the setting has been made.



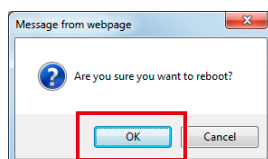
- (8) Reboot the Network Board.  
Select the “System Information” tab and click [Reset].



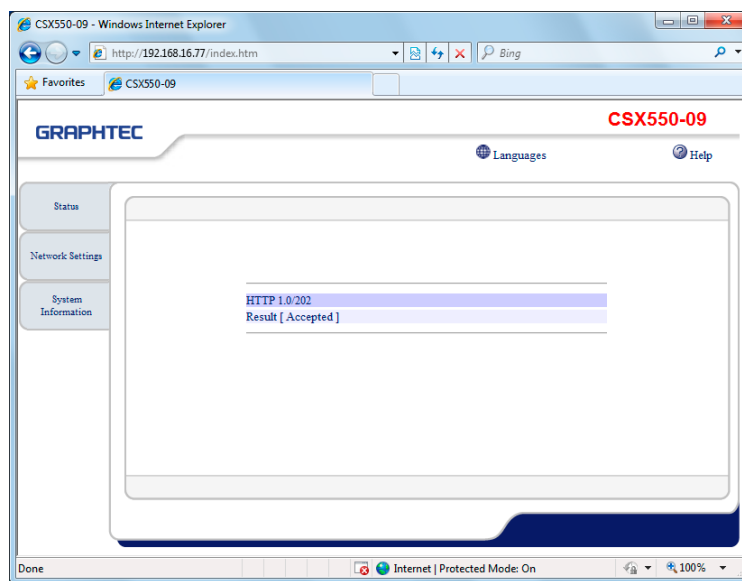
- (9) Click the [Start] button for “Reboot”.



- (10) “Are you sure you want to reboot?” appears.  
Click [OK].



(11) After the settings, the screen below appears.



(12) This completes the initialization of the Scanner Network.