

User's ▶▶▶▶▶ Manual

IP Setup Wizard

HNC800PTZ




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IP Setup Wizard

Net-Vision™ HNC800PTZ Pan/Tilt/Zoom Network Camera

IP Setup



Serial Number	IP Address	Assigned	Model	Auto IP
<input checked="" type="checkbox"/> 00-02-D1-00-AC-E8	10.1.1.114	Yes	HNC800PTZ	Yes

Buttons: Setup, Upgrade, Reset to default, Exit, About, Search, Add, Remove, Uncheck All, Link to selected device(S)



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Installation

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1.1 Software Installation

The steps that follow will guide you through the software installation process.

STEP 1: Insert the Hawking Net-Vision™ HNC800PTZ Installation & Utilities CD into your CD-ROM Drive. The main page should load automatically. (See Figure 1-1 below.) If the CD's Autorun page does not load automatically, click on "Start" in the lower left corner of your screen, open "My Computer", and double click on the CD-ROM icon.



Figure 1-1. CD Autorun main page



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STEP 2: You will see several links on the right hand side of the CD Autorun's main page (Figure 1-1). Click on "IP Setup & Utility" to enter the page for the IP Setup Wizard and Management & Control Software. (See Figure 1-2 below.)



Figure 1-2. IP Setup Wizard and Management & Control Software page



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STEP 3: You will see several links on the right hand side of the IP Setup Wizard and Management & Control Software page (Figure 1-2). Click on “IP Setup”. This will launch the InstallShield Wizard that installs the IP Setup Wizard program on your PC. (See Figure 1-3 below.)

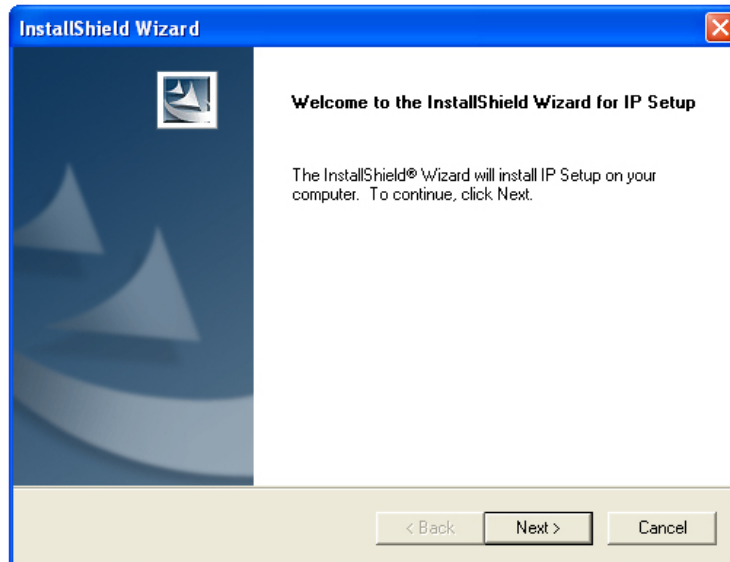


Figure 1-3. InstallShield Welcome page

STEP 4: Select the installation directory for the IP Setup Wizard application and click on “Next”. (See Figure 1-4 below). You can also select a directory other than the Default one by clicking on “Browse...”

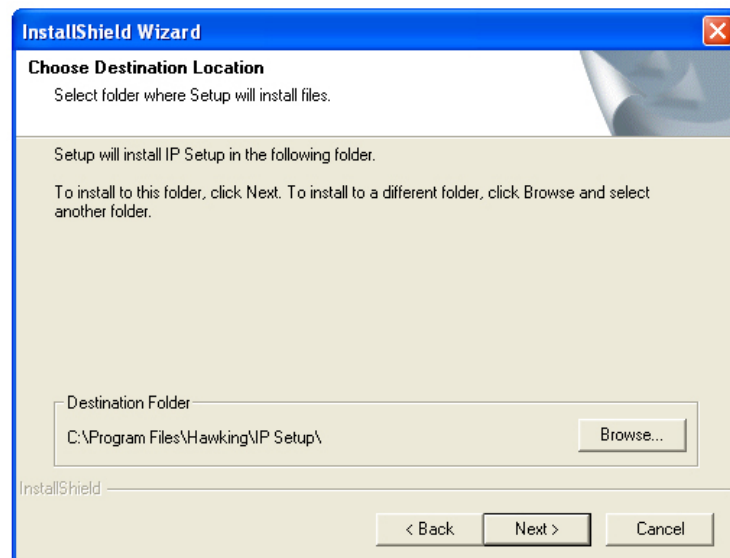


Figure 1-4. Select a directory for the IP Setup Wizard



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STEP 5: Select a program folder to install the IP Setup Wizard application into and then click on “Next”. (See Figure 1-5 below.)

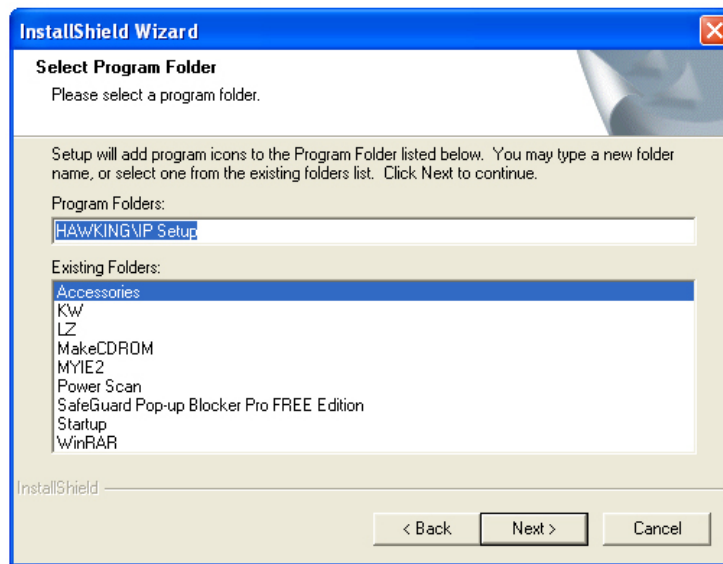


Figure 1-5. Select a program folder

STEP 6: Click on “Finish”, to complete the installation. (See Figure 1-6 below.)

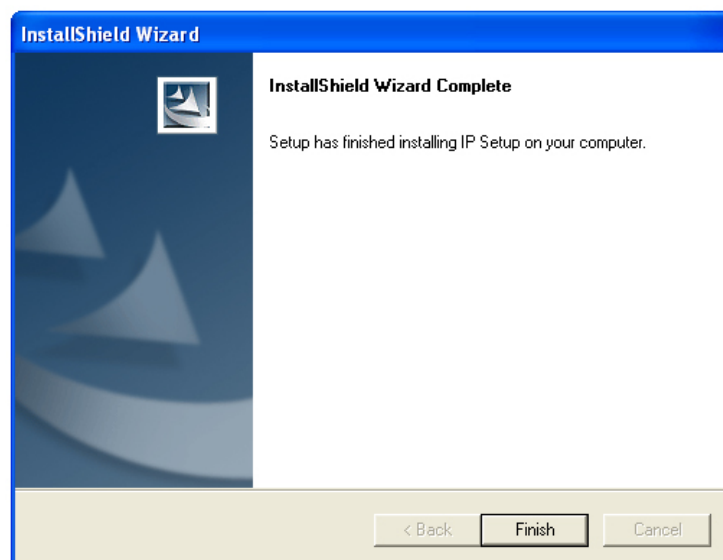


Figure 1-6. Complete the installation



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STEP 7: Once the IP Setup wizard has been installed onto your PC, an IP Setup icon will appear on your PC's Desktop. Click on this icon to run the IP Setup wizard.



Figure 1-7. IP Setup desktop icon



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2.1 User Interface

When you click on the IP Setup icon on your desktop to run the wizard, the IP Setup program will search for similar cameras on your local area network. A “similar” camera will have the same code of four letters at the beginning of its serial number. (The *serial number* is different from the *series number/MAC address*.) This code is “HVVT” and can be found on either the right or left panel of the box, or on the label on the bottom of the camera.

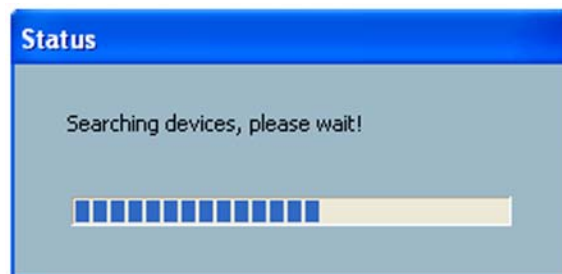


Figure 2-1. IP Setup Wizard is searching for cameras



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After the IP Setup Wizard has finished searching, the interface shown in Figure 2-2 will appear. You can select any device in the list by clicking on the checkbox to the left of the device. (For a detailed explanation of how the IP Setup Wizard automatically assigns a device an IP address that is consistent with your local area network [LAN] settings, please review the Quick Installation Guide that is included in your network camera's packaging.) The three buttons "Setup", "Upgrade", and "Reset to default" will not be enabled until you have selected at least one of the devices that appears in the list.

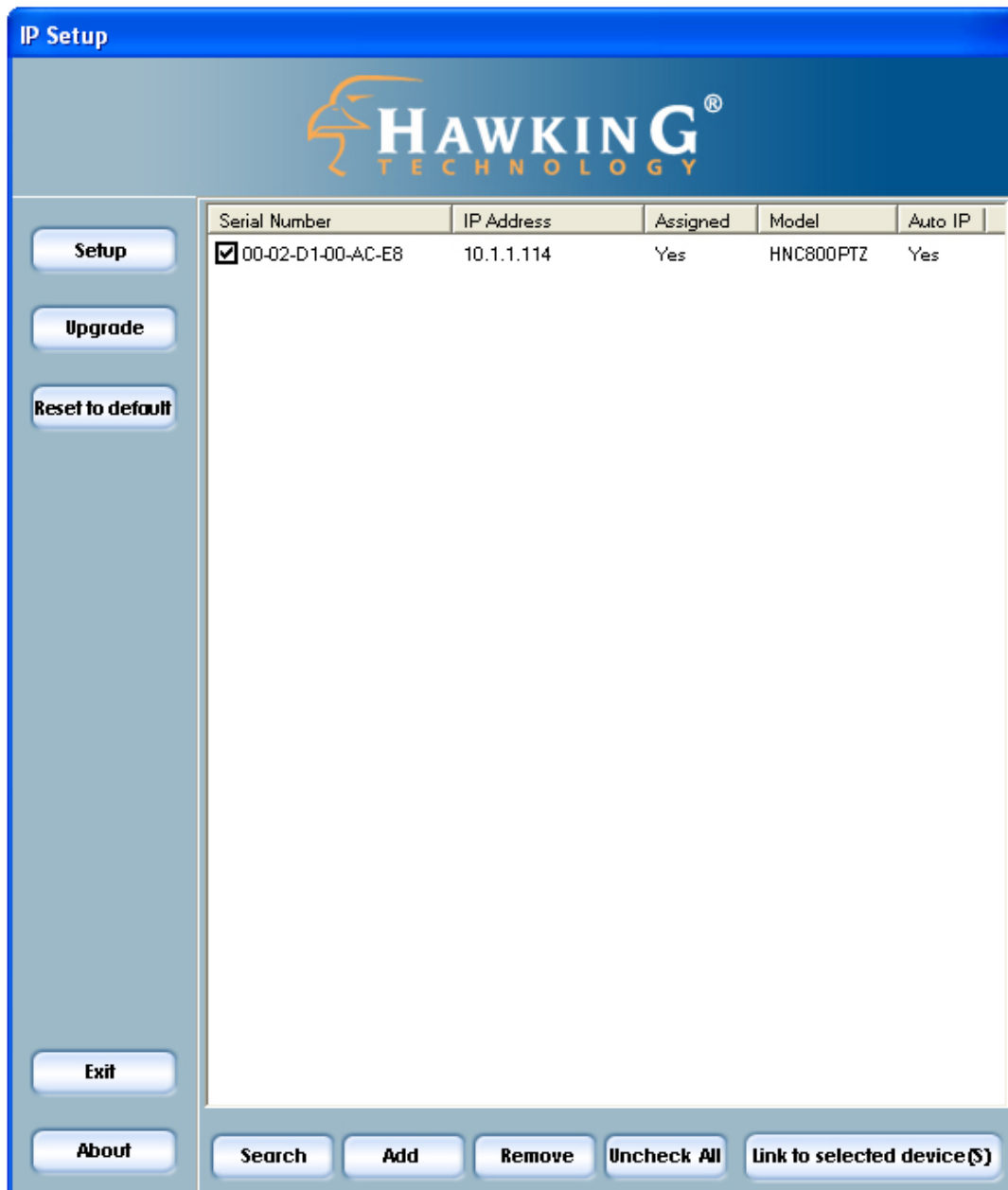


Figure 2-2. IP Setup Wizard user interface



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The IP Setup Wizard allows you to set up or upgrade multiple devices (of the same model) at the same time. If you select different models, the buttons will be disabled. (In this case, the model number is HNC800PTZ.) There are five buttons on the bottom of the main page (see Figure 2-3 below), and five buttons on the left panel of the main page (see Figure 2-4).

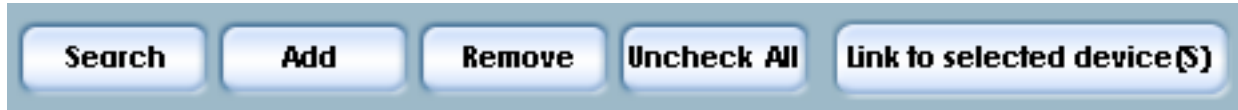


Figure 2-3. Action buttons

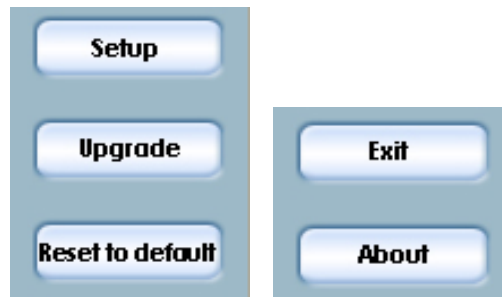


Figure 2-4. Function buttons

2.1.1 Action Buttons



Clicking on this button will clear the device list and cause the IP Setup Wizard to search for available network cameras on the LAN again. This will take about 5 seconds.



To set up or update devices that are not on the same subnet to the LAN using the IP Setup Wizard, you can click on this button to add them manually. Clicking on this button will prompt a pop-up dialog as shown in Figure 2-5. You can input the desired IP address and click on “Ok” to add the network camera to the device list.

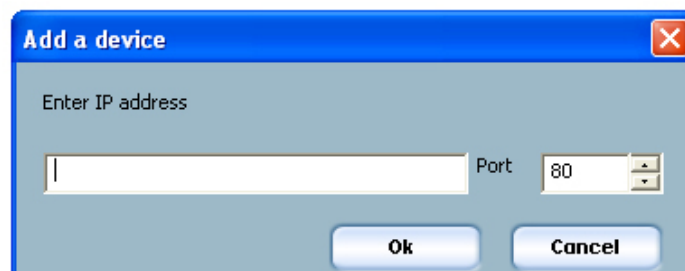


Figure 2-5. “Add a device” dialog



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Remove

Clicking on this button will remove all the selected devices from the device list. The devices that you remove may show up again if you click on the “Search” button or if you add them into the list manually.

Uncheck All

If you have selected several devices simultaneously, this button will allow you to uncheck all the selected cameras with one click instead of one-by-one.

link to selected device(S)

Clicking on this button will open a web browser to the web user interfaces for all of the selected devices (one browser window per device).

2.1.2 Function Buttons

Setup

Click on this button to modify the settings of the selected devices. For more details, please refer to section 2.2: Setup.

Upgrade

Click on this button to upgrade the firmware of the selected devices. For more details, please refer to section 2.3: Upgrade.

Reset to default

Click on this button to load the factory default settings for the selected devices.

Exit

Click on this button to close the IP Setup Wizard.

About

Click on this button to get information about the IP Setup Wizard.



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2.2 Setup

When you select one or more devices (of the same model), the “**Setup**” button will be enabled. Click on it to modify the settings of the selected device(s). After clicking on the “**Setup**” button, the IP Setup Wizard will try to connect to the selected device(s). If authentication fails, it will prompt a popup dialog (see Figure 2-6) to ask for the correct password and HTTP port number. (If you have entered a port number other than the default Port 80, you will need to enter it here.)

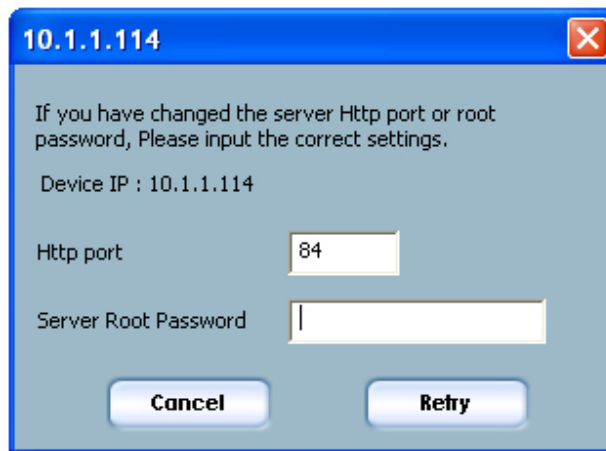


Figure 2-6. Authentication dialog box

2.2.1 System Setting

After connecting to one of the selected devices, the System Settings page will appear, as shown in Figure 2-7 on the following page.



Click on this button to go back to the previous page or main page.



Click on this button to keep the settings and go to the next page.



Click on this button to discard the settings of the current page and go to the next page.



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2.2.1.1 Change Host Name

The “**host name**” is used for the homepage title of network camera’s main web user interface page and is displayed as the title over the video window on the main page. The maximum string length is 40 characters or 20 characters in double-byte-character-systems, such as Chinese or Japanese.

2.2.1.2 Change root password

To change the administrator’s password, type the new password identically in both the “Root password” and “Confirm password” text boxes. For security purposes, the new password will be displayed as asterisks in both boxes. The maximum password length is 14 characters.

The screenshot shows the 'IP Setup' window for Hawking Technology. The main content area is titled 'System Settings'. It contains the following elements:

- Host Name:** A text box containing 'HNC800PTZ Pan/Tilt/Zoom Network'.
- *Blank root password will disable user authentication**: A warning message.
- Root password:** A text box filled with asterisks.
- Confirm password:** A text box filled with asterisks.
- Date/Time Settings:** A sub-section containing:
 - Date:** A text box with '2005/07/01'.
 - Time:** A text box with '15:36:28'.
 - Four radio button options:
 - Keep current date and time
 - Synchronize with computer time
 - Manual
 - Automatic

On the left side of the window, there are five buttons: 'Previous', 'Next', 'Skip', 'Exit', and 'About'.

Figure 2-7. System Settings



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2.2.1.3 Adjust date and time

There are three ways to adjust the system date and time. The easiest way is to make the Network Camera "**Synchronize with computer time**". The second way, "**Manual**", allows you to set the date and time manually by entering new values. Be sure to notice the format in the related fields while typing, so that you input the values correctly. The third way, "**Automatic**", allows you to make the network camera automatically synchronize with time-servers over the Internet every hour.

2.2.2 Network Settings

Clicking "Next" in the main System Settings window (Figure 2-7) will take you to the Network Settings window. In this window, you can change the network camera's IP address, subnet mask, default gateway/router, primary DNS, and secondary DNS. (See Figure 2-8 below.)

The screenshot shows a window titled "Network Settings" with a light blue background. At the top left, there is a checkbox labeled "Reset IP address at next boot" which is currently unchecked. Below this are five input fields, each with a label on the left and a text box on the right. The fields are: "IP Address:" with the value "10 . 1 . 1 . 114"; "Subnet mask:" with the value "255 . 255 . 255 . 0"; "Default router:" with the value "10 . 1 . 1 . 1"; "Primary DNS:" with the value "206 . 13 . 29 . 12"; and "Secondary DNS:" with the value "206 . 13 . 30 . 12".

Figure 2-8. Network Settings

2.2.2.1 Fix the IP address

Checking the "**Reset IP address at next boot**" box will force the network camera to reconfigure its IP address whenever it reboots. The preferred method, though, is to use a fixed IP address. If you want the camera to use a fixed IP address, please uncheck the "**Reset IP address at next boot**" and assign the camera an available IP address that is consistent with your existing network settings. If you selected more than one device, you will not be able to change the IP address and the IP address field will be disabled.

2.2.2.2 Basic Network Settings

You can setup the network setting by this page. Usually this is no need to be changed, if you do change it please make sure you input the correct setting or the device may not be reachable.



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2.2.3 Apply to selected device(s)

After configuring all the settings and clicking the “Next” button, the “Apply” window will appear. Click on “**Apply**” to apply/confirm the changes to the selected device(s) or click on the “**Previous**” button to go back to the previous window and modify the settings.

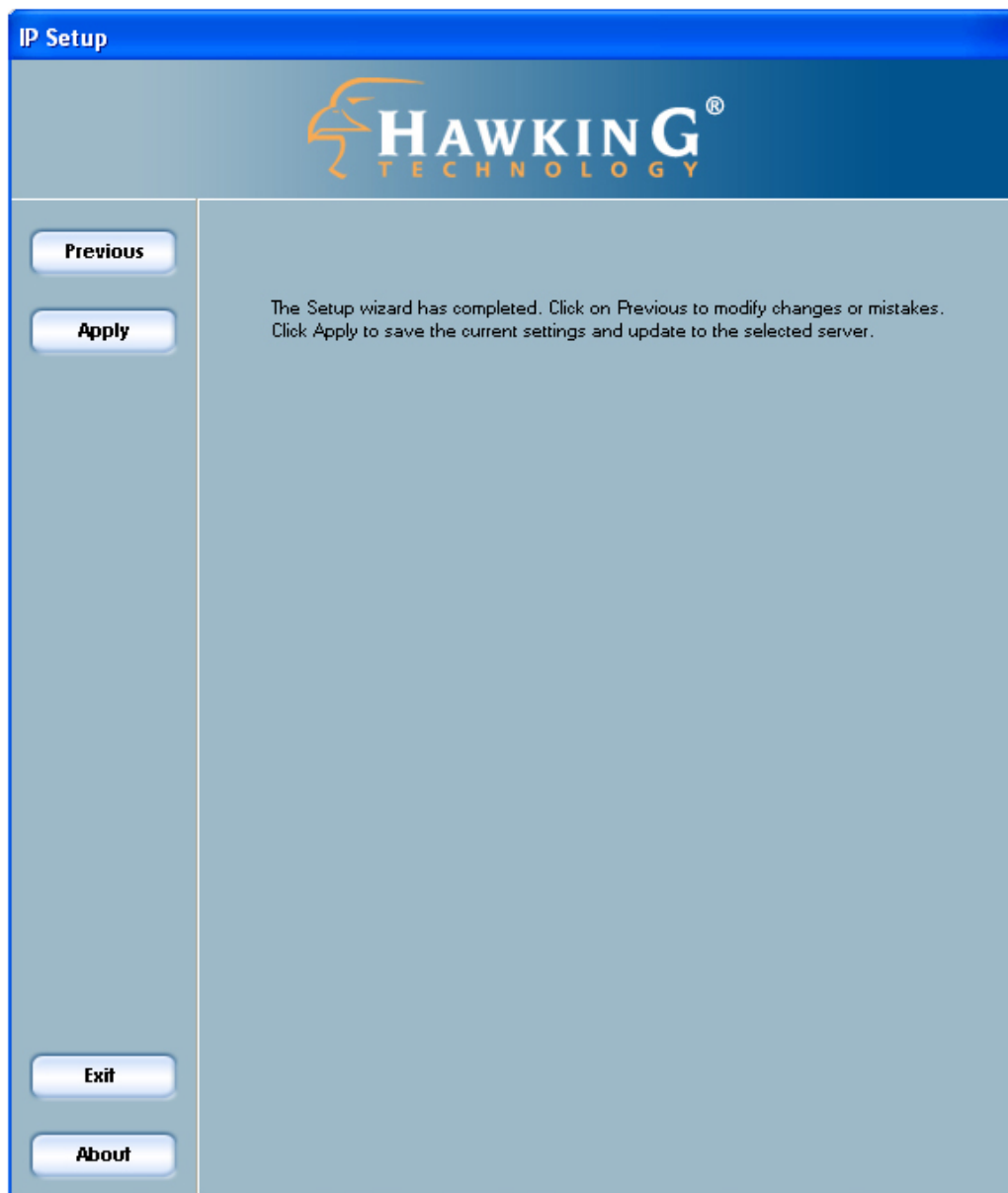


Figure 2-9. “Apply” page



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2.3 Upgrade

When you select one device or multiple devices (of the same model), the “Upgrade” button will be enabled. Click on it to upgrade the firmware of the selected device(s). After clicking on the “Upgrade” button, the IP Setup Wizard will try to connect to the selected device(s). If the authentication fails, it will prompt a pop-up dialog to ask for the correct password and HTTP port number. (See Figure 2-10 below.)

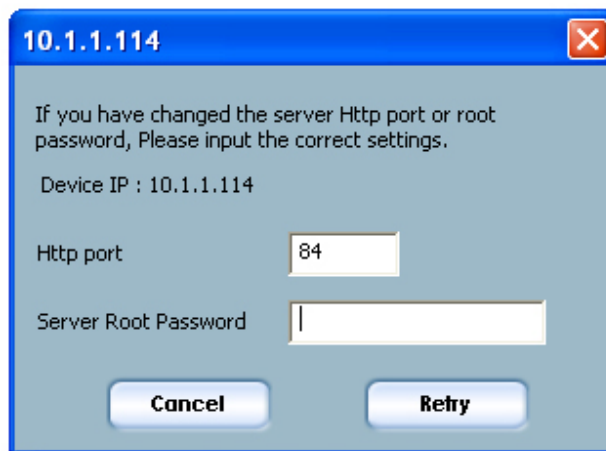


Figure 2-10. Authentication

2.3.1 Device Information

After connecting to the selected device(s), the display will appear as shown in Figure 2-13 on the following page. If you select more than one device, the “Device Info” tab will show all the selected devices. (See Figure 2-11 below.) You can switch to a specific camera’s info (see Figure 2-12) by pressing the Tab key or double clicking on the device list.

Device Info				
10.1.1.114		10.1.1.117		
Serial Number	Current IP Address	Assigned	Model	
00-02-D1-00-AC-E8	10.1.1.114	Yes	HNC800PTZ	
00-02-D1-00-AC-EA	10.1.1.117	Yes	HNC800PTZ	

Figure 2-11. Device Info



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Device Info			10.1.1.114	10.1.1.117
Name	Value	Status		
MAC Address	00-02-D1-00-AC-E8	OK		
Firmware version	PZ61x2-HAWK-0101c	OK		
Web page version	HNC800PTZ-HAWK-0101d	OK		
Supported script version	0202a	OK		
Supported language	English	OK		

Figure 2-12. Camera Info

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Previous **Upgrade**

Device Info			10.1.1.114	10.1.1.117
Name	Value	Status		
MAC Address	00-02-D1-00-AC-E8	OK		
Firmware version	PZ61x2-HAWK-0101c	OK		
Web page version	HNC800PTZ-HAWK-0101d	OK		
Supported script version	0202a	OK		
Supported language	English	OK		

Package Information

<input checked="" type="checkbox"/> Firmware version	N/A
Supported script version	N/A
<input checked="" type="checkbox"/> Web page version	N/A
Script version	N/A
Viewer plugin version	N/A
Upgrade plugin version	N/A
Supported language	N/A

Locate the firmware to upgrade

Local Disk (C:) [v]

C:

Exit **About**

Selected package: []

Figure 2-13. Upgrade window



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2.3.2 Package Information

The package information section will display the following important information about the firmware file that you selected:

Package Information	
<input checked="" type="checkbox"/> Firmware version	PZ61x2-HAWK-0101c
Supported script version	0202a
<input checked="" type="checkbox"/> Web page version	HNC800PTZ-HAWK-0101d
Script version	0202a
Viewer plugin version	1.0.0.31
Upgrade plugin version	N/A
Supported language	English

Figure 2-14. Firmware Package/File Info

- **Firmware version:** The version number of the selected firmware.
- **Supported script version:** The maximum script version that the firmware can support.
- **Web page version:** The version number of the web page.
- **Script version:** Script version used by the web page and server script.
- **Viewer plug-in version:** The version number of the viewer plug-in.
- **Upgrade plug-in version:** The version number of the upgrade plug-in.
- **Supported language:** The language that the selected file supports.

2.3.3 File Selection

You can use the file combo list below the Package Information to browse and locate the file that you want to upgrade onto the selected device(s). After selecting the file, the IP Setup Wizard will check whether or not the file you selected is correct. If it is correct, then the Package Information section will display the information about the file and enable the “Upgrade” button. You can then click on the button to upgrade the firmware. If it is not correct, it will prompt a warning message to appear.



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2.3.4 Upgrade

Click on the “**Upgrade**” button to upgrade the firmware for the selected device(s). A dialog will pop up to display the progress of the upgrade process. (See Figure 2-15 below.) After the update process has completed, please click “Done” to finish.

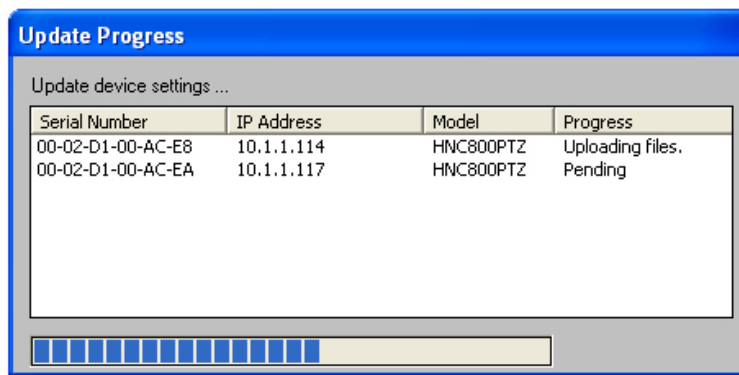


Figure 2-15. Update Progress

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