Getting Started with the Video Server



Initial Requirements

Software Requirements

Installation and configuration require the following:

- Microsoft Windows 2000 or XP Operating System
- Microsoft Internet Explorer version 6 or higher



Execute IP Scan

IP Scan is a utility used to configure network settings for IP cameras and other devices (i.e. NVR).

Physical IP Camera Connections

Connect to the Network

Connect this device to network hub/switch via a standard CAT5 Ethernet cable with an RJ-45 connector. Please note that the PC must be on the same network domain as the IP camera.

Connect CCTV to Video Server

Use the BNC Video In port to connect the camera with this device.

Connect Audio In/Out

For audio functionality, connect the audio input cable.

Video flicker may occur when enabling/disenabling audio. This situation normally only lasts for a second.

Power on IP Camera

Connect the power adapter to the power connector. The adapter should be connected to 110V~220V AC socket. There is no power button on the camera, so connecting/disconnecting the power adapter will start/shutdown the IP camera.

Initial Network Configuration

To configure the IP camera's network settings use the IP Scan utility Factory IP Address.

Below are the initial factory IP address settings for the IP camera:

IP Address	192.168.1.2
Subnet Mask	255.255.255.0
Gateway	192.168.1.1

Working with the Video Server

Using the IP Scan

IP Scan allows users to easily find an IP camera and configure the settings. Doubleclick on the IPScan.exe icon in the Installation CD to execute IP Scan utility.

IP Surveillance		IP Scan l	Jtility	i _ ×
Type IP Address	MAC Address	Model	SN	FW Web AV
<				>
Scan Chang	e Setting Clear	Table	Bind IP	Exit

Press the **Scan** button to list the IP and MAC address list for IP cameras on the network.

A new IP camera will display the factory IP address, 192.168.1.2. However, if multiple new devices are present on the network, then multiple instances of 192.168.1.2 will be listed.

IP Su	urveillance		IP Scan l	Jtility	i	_ ×
Туре	IP Address	MAC Address	Model	SN	FW Web	AV
🔵 static	192.168.1.2	00-19-6C-51-7D-14	NVS	M132003107	1.9.7 80	1852
<						>
Sc	an Change	Setting Clear T	able	Bind IP	Exit	

To identify a specific IP camera, use the MAC address which is located on the bottom of the camera.

Change Network Setting via IP Scan

There are two ways to modify the network settings.

IP	Surveillance		IP Scan l	Jtility		i	_ ×
Туре	IP Address	MAC Address	Model	SN	FW	Web	AV
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- 1. Double click on a specific IP address; the setting page will be displayed.
- 2. Click **Change Setting...** button at the bottom of the screen.

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Setting Page Network Type C DHCP Network Configuration								
IP Address :	192	•	168	•	1	•	2	
Gateway :	192	·	168	·	1	·	1	
Net Mask :	255	•	255		255	۰.	0	
DNS Server :	168	·	95	·	1	·	1	
Apply Restore Close								

After altering the IP camera network settings, click **Apply**. A prompt for the administrator authentication will be displayed:

Authentication	\mathbf{X}
ID :	root
Password :	****
ОК	Cancel

The default password for the administrator account (**root**) is **pass**. Enter the default password and click **OK** to confirm the changes.

After applying the new network settings, the IP camera will reboot; this process takes about few seconds. The IP camera's Power LED light will blink during the reboot process; the light will become stable once reboot is complete.

Exit the "Setting Page" by clicking Close, and wait for the reboot to complete.

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Туре	IP Address	MAC Address	Model	SN	FW	Web	AV
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	Scan Change	Setting Clear T	able	Bind IP		Exit	

After rebooting, press **Scan** to verify the new IP address. If using DHCP, then the MAC address may be necessary to accurately identify a specific camera. Press **Exit** to quit IP Scan.

Access the IP Camera Web Interface

MS Internet Explorer is used to access and configure the IP camera.

When accessing an IP camera using the web interface for the first time, some configuration for ActiveX controls may be required.

- 1. Open the IE browser
- 2. Type in the IP address of the IP camera
- Enter the administrator username and password: User name: root

Default password: pass

Press **OK** button to access to the Live View web page.

	٠	 Usernames and passwords are case sensitive. 						
	•	The	administrator	password	should	be	changed	after
Information		installation is complete.						

Connect to 10.1	.0.78	? 🛛
R		GR
The server 10.1.0. username and pass Warning: This serv password be sent i without a secure co	78 at Network Video Sei sword. er is requesting that you n an insecure manner (b onnection).	rver requires a ur username and vasic authentication
User name:	2	~
Password:		
	Remember my pa	ssword
	ОК	Cancel

Upon login, the error "ActiveX control failed to load (OCX)" may be encountered.

ActiveX control failed to loa	d (OCX) Please check browser secu	rity settings.
IP Surveil	llance	Network Video Server
	ActiveX control failed to load (OCX	Please check browser security settings

The error indicates the browser requires adding certain ActiveX controls for the viewer to work.

Near the top of the browser page is a message regarding an add-on to run.

The request is highlighted below in blue.

😢 To help protect your security, Interne	t Explorer stopped this site from installing an ActiveX control on your com	puter. Click here for options	×
ActiveX control failed to load (O	CX) Please check browser security settings. Connecting		<u>^</u>
IP Surveillance		Network Video Server	REG 👜 🗈

Clicking on the add-on message will bring up options; choose **Install This Add-on** for All Users on This Computer... to add.

Install This Add-on for All Users on This Computer	
What's the Risk?	
Information Bar Help	

A Security Warning message box will be displayed; click **OK**.



Wait for the add-on to complete and the page to attempt reloading. Most likely other ActiveX controls will be required. Repeat the above procedure of adding ActiveX controls until no other add-on requests are displayed and the Live View page appears without error.

