

exacqVision IP Camera Quickstart Guide

11955 Exit 5 Pkwy Building 3 Fishers, IN 46037-7939 USA +1.317.845.5710 phone +1.317.845.5720 fax www.exacq.com

The exacqVision NVR software is full-featured network video surveillance package that operates on any Windows XP or Debian Linux computer. The exacqVision Server captures and records video and other surveillance data from IP network devices (it has no user interface). The exacqVision Client presents a user interface for viewing live and recorded video and configuring the exacqVision Server. Multiple exacqVision Clients can be connected to a single exacqVision Server, and a single exacqVision Client can connect to multiple exacqVision Servers.

Connections

Connect the cables as shown in the following diagram.

IP Cameras



Run the exacqVision installer to install both the exacqVision Server and Client. You can install the exacqVision Client on additional computers if desired. After the installation (and each time the computer restarts), the exacqVision Server automatically runs as a background service, and video from all cameras that have been *added and configured (see sections 2 and 3)* is recorded. The exacqVision Server continues recording even if no user is logged and the exacqVision Client is closed. It will stop recording only if

- the system is shut down.
- the exacqVision Server service is stopped from the Service Control Manager.
- the process is stopped from the Task Manager.



Add IP Cameras

First, ensure that your IP cameras are powered and connected to same LAN as the exacqVision Server. Next, you'll need to find the IP address of the cameras on your network using the Exacq IP Camera Finder on the IP Cameras screen in the exacqVision Client. This will find cameras from any of the supported manufacturers if they are on the same network subnet as the exacqVision Server.

Rescan Network Server	last scan	ned for IP cameras of	on 2/27/2007 at 5:11:0)3 PM		
Reported Name	Туре	Address	MAC	Model	Firmware	1
ACTI	ACTI	192.168.100.228	00-0F-7C-00-57-D9		A4Q-T2N-V2.02.00-AC	
ACTI	ACTI	192.168.100.229	00-0F-7C-00-36-02		A1D-M2N-V2.05.12-AC	
AXIS 211 - 00408C7376AC	Axis	192.168.100.233	00-40-8C-73-76-AC			
AXIS 210A - 00408C73A8FE	Axis	192.168.100.235	00-40-8C-73-A8-FE			
AXIS 206M - 00408C6F16EC	Axis	169.254.216.109	00-40-8C-6F-16-EC			

If an IP camera is not found, change the camera's IP address to match an available address on the same LAN subnet as the exacqVision server. You can do this using the camera manufacturer's software; see the exacqVision IP Manufacturer Specific Addendum in this QuickStart guide for more information.

Next, on the IP Cameras screen of the exacqVision Client, add the cameras to the list of IP cameras that your exacqVision Server will connect to. When IP cameras have been added to the IP Camera List, your exacqVision Client application can configure the camera settings (see section 3) and view live and recorded video.

To add an IP camera to your IP Camera List, select the camera in the finder panel. Enter the username, password, and confirmed password, then click the Apply button. The new camera is displayed in the IP Camera List, along with the camera type and IP address.

NOTE: To allow access to all configuration settings on the camera, the IP camera credentials must have an Admin permission level.

IP Cameras								
/ IP Camera Information								
			Address	Туре	Model	MAC	Firmware	Status
Device Type:	ACTI 👻	-	192.168.1.58	AXIS VAPIX	207MW	00-40-8C-7A-52-68	4.40.1	Connecter
		✓	192.168.1.48	AXIS VAPIX	216MFD	00-40-8C-85-30-C2	4.47	Connected
Username:	Admin	~	192.168.1.218	ACTI	ACM1431-07H-X-00180	00-0F-7C-00-A7-11	A1D-220-V3.07.02-AC	Connecter
		✓	192.168.1.216	ACTI	CAM7321-07H-X-00106	00-0F-7C-00-AB-2B	A1D-M2N-V2.07.14-AC	Connecter
Password:	•••••							
Password Confirm:	•••••							
Hostname:	O							
IP Address:	192 . 168 . 1 . 216 •							
Port:	80							
		<						>
N	ew Camera Apply				Delet	e		

To make cameras available in the Configuration, Live, and Search trees, select the appropriate boxes listed in the IP Camera List. You can select only as many IP devices as your license permits. Contact Exacq Technologies to purchase additional permits if necessary.



IP Camera Setup

By default, the exacqVision Server records only the video in which motion has been detected. Ensure that your cameras have valid motion detection settings (using the IP Camera Setup 📌 page), or change the recording schedule to Free Run (using the Schedule 🗐 page).

The camera's default image resolution and frame rate settings are used unless they are changed by the user. These values should be checked and updated if necessary (using the IP Camera Recording Setup Page). If the default resolution is not 4:3 aspect ratio, the resolution is marked as "invalid." Make sure the 4:3 resolution is selected in the Resolutions drop-down menu for properly scaled video recording.

For more detailed instructions, see the IP Camera Setup section of the exacqVision User Manual or the context-sensitive online help file.

4 Network Configuration

If you plan to have clients from outside your local network access your exacqVision Server, you will need to change your router settings to forward port 22609 to the exacqVision Server's IP address. See your router manual or go to www.portforward.com /routers.htm for instructions.



Manufacturer-Specific Addendum

Each IP camera manufacturer provides a utility to find cameras on the local network and set their IP addresses. This utility is typically available on the software CD shipped with your camera, or from the camera manufacturer's web site. Please refer to the documentation provided by your camera's manufacturer if you have questions after reading this guide.

Although some IP camera manufacturers support DHCP addressing, Exacq **highly recommends** assigning a static IP address to your IP cameras to keep unexpected network events from changing the IP address of the camera. If the camera's IP address changes, the exacqVision Server will not be able to record from that camera until a user manually reassigns the cameras IP address or changes the address setting in the exacqVision Server to match the camera's new address.

NOTE: If you have Windows Firewall enabled on your computer, you will see the following dialog box when you run any of the camera manufacturer's utilities. Click Unblock to allow the utility to work properly.



Supported Manufacturers:

- 1. Axis
- 2. IQinVision
- 3. Sony
- 4. Panasonic
- 5. ACTi
- 6. Vivotek
- 7. Arecont
- 8. ioimage
- 9. StarDot
- 10. Ganz
- 11. Basler
- 12. IPX
- 13. Sanyo
- 14. Pelco

For a complete, updated list of supported IP cameras and devices, visit the Exacq web site at:

http://www.exacq.com/support/ipcameras.html





AXIS provides the AXIS Camera Management Utility to find IP cameras. Run the utility to display the following window:

۲

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Ctrl+A

Shift+Del

Shift+F5

192.168.1.57

255.255.255.0

192.168.1.254

Cancel

×

🐔 AXIS Camera Management					
File Edit View Tools Help					
Search Assign IP Upgrade Add/Ed	dit User Configure T	emplate Editor Apply	Template Home Pag	Refresh Views	
Groups	Find		lu 🔹 Clear		×
🥰 Add Group) 	
🖃 🚰 All Devices (4)	Name	Status	Address	Serial Number Model	Firmware
- 🚰 New Devices (4)	AXIS U7401 - 00.	No Credentials	192.168.1.57	00408C301510	
Warnings/Errors (4)	AXIS 216MFD -	No Credentials	192.168.1.67	00408C8530C2	
- 📔 My Groups	AXIS 240Q - 004.	No Credentials	192.168.1.11	00408C700427	
4 objects					

Assign IP...

Maintenance

Configuration

Select All

User Management

Setup Home Page Live View Home Page Enter Device Credentials... Use Master Credentials

Copy To Group... Clear New Status Delete From Database

Refresh Selected

Obtain an IP address automatically (DHCP)

ΟK

O Assign the following IP address:

Properties...

Edit IP Address

IP address:

Subnet mask:

Default router:

Advanced

This program will search for AXIS cameras on the network.

Right-click a camera and select **Enter Device Credentials...** Enter the username and password for the device.

the device.

Right-click the camera again and select Assign IP....

Enter the IP address, subnet mask, and default router. Click OK to apply the IP address.



NOTE: The factory default login for Axis IP cameras is:

- username: root
- password: pass





IQinVision provides the *iqfinder* utility to find IP cameras. Run the utility to display the following window:

	Туре	Hardware Addres	ss IP Address	•
QEYE013DEB	IQeye703	00:50:1a:01:3d:et	192.168.10	0.234
xacqEye2	IQeye302	00:50:1a:01:0d:02	192.168.10	0.238
Edit	pen			Refre
Edit Or	pen			Refre
	^{pen} eye Finder	Version 1.6		Refre
Edit Di	eye Finder	Version 1.6		Refre
Edit Di	eye Finder Name:	Version 1.6	×	Refre
Edit Di	eye Finder Name: Type:	Version 1.6 IQEYE013DEB IQeye703	×	Refre

Select the camera and click Edit to change the camera's IP properties.

IQinVision cameras typically do not use DHCP by factory default. If you have a DHCP server (or router) on the network, it can automatically assign your camera an IP address if you select Obtain an IP address ... You must manually assign the camera an IP address if you manually assigned the exacqVision Server's IP address, if there is no DHCP server on your local network, or if you want to assign a static IP address to the IP camera to ensure that its IP address is not inadvertently changed. If so, enter an IP address that is not used by any other device on your local network, ensuring that the first three numbers match the first three numbers of your exacqVision Server's IP address. Set the subnet to 255.255.255.0 and click Apply.

NOTE: The factory default login for IQinVision IP cameras is:

192.168.100.234

255.255.255.0

Cancel

0.0.0.0

Use the following IP address

Apply

IP Address:

Subnet:

Gateway:

- username: root
- password: system

You will need the username and password when you add this camera to your exacqVision system. To get the IQinVision camera to factory defaults, hold the reset button in while powering on the camera.



Sony

Sony provides the *IP Setup* utility to find IP cameras. Run the utility to display the following window:

. 1	Ver 1343.0	1		
vork Bandwidth c	ontrol Date time PF	PoE		
IAC address	IP address	Model	Serial No.	Version No.
0-01-4a-ed-16-ac	192.168.100.239	SNC-RX550N	100544	1.14
0-01-4a-2t-9t-9b	192.168.100.237	SNC-RZ25N	123340	1.23
🖲 Obtain an IP add	ress automatically			
Use the followin	g IP address —			
IP address				
Subnet mask				
		,		
Default dateway				
2				
	ior address a tomatic	J .		
Obtain DNS serv Use the followin	ver address automatica	ally		
Obtain DNS serv Use the followin Primery DNS corry	ver address automatica g DNS server address	ally		
Obtain DNS serv Use the followin Primary DNS serv	ver address automatica g DNS server address er address	ally		
Obtain DNS servent Use the followin Primary DNS servent Secondary DNS s	ver address automatic: g DNS server address er address erver address	ally 		
Obtain DNS serv Use the followin Primary DNS serv Secondary DNS s	ver address automatica g DNS server address er address erver address	aliy	· · ·	
Obtain DNS server Use the followin Primary DNS server Secondary DNS s Third DNS server	ver address automatica g DNS server address er address erver address address	ally	· · ·	- - - -
Obtain DNS serv Use the followin Primary DNS serv Secondary DNS s Third DNS server Fourth DNS serve	ver address automatica g DNS server address er address erver address address r address	ally 		
Obtain DNS serve Use the followin Primary DNS serve Secondary DNS s Third DNS serve Fourth DNS serve	ver address automatica g DNS server address er address erver address address r address		· · · · · · · · · · · · · · · · · · ·	
Obtain DNS serve Use the followin Primary DNS server Secondary DNS s Third DNS server Fourth DNS server HTTP port No.	ver address automatica g DNS server address er address erver address address r address		· · · · · · · · · · · · · · · · · · ·	(1024 to 65535)
Obtain DNS serve Use the followin Primary DNS serve Secondary DNS s Third DNS server Fourth DNS serve HTTP port No. Administrator nam	er address automatica g DNS server address er address address r address r address	ally	· · · · · · · · · · · · · · · · · · ·	(1024 to 65535)
Obtain DNS serv Use the followin Primary DNS server Secondary DNS s Third DNS server Fourth DNS server HTTP port No. Administrator nam	er address automatica g DNS server address er address address r address e address			(1024 to 65535)

Select the camera to edit the camera IP properties.

Sony cameras typically do not use DHCP by factory default. If you have a DHCP server (router) on the network, it can automatically assign your camera an IP address if you select Obtain an IP address You must manually assign the camera an IP address if you manually assigned the exacqVision Server's IP address, if there is no DHCP server on your local network, or if you want to assign a static IP address to the IP camera to ensure that its IP address is not inadvertently changed. If so, enter an IP address that is not used by any other device on your local network, ensuring that the first three numbers match the first three numbers of your exacqVision Server's IP address. Set the subnet to 255.255.255.0, leave the HTTP port at 80, enter the camera's Administrator name and password, and click Apply.

NOTE: The factory default login for Sony IP cameras is:

- username: admin
- password: admin





Panasonic provides the *EasyIpSetup_Ipro* utility to find IP cameras. Run the utility to display the following window:

📓 Panasonic IP se	etting	
	Camera list	tefresh
	MAC address / IP address	_
00-8	0-45-4F-FE-38 / 192:168:100:202	
Camera 1	Status Camera was found	
Close	IP setting	About
Panaso S Res	IP address I92 .168 .100 .202 Net mask 255 .255 .255 .0 Default gateway 192 .168 .100 .202 HTTP port 80	

Select a camera and click the IP Setting button to view and edit the camera's IP properties.

Panasonic cameras typically do not use DHCP by factory default. If you have a DHCP server (router) on the network, it can automatically assign your camera an IP address if you select On in the DHCP area. You must manually assign the camera an IP address if you manually assigned the exacqVision Server's IP address, if there is no DHCP server on your local network, or if you want to assign a static IP address to the IP camera to ensure that its IP address is not inadvertently changed. If so, enter an IP address that is not used by any other device on your local network, ensuring that the first three numbers match the first three numbers of your exacqVision Server's IP address. Set the net mask to 255.255.255.0, leave the HTTP port at 80, enter the camera's Administrator name and password, and click Apply.

NOTE: Panasonic cameras automatically disable their response to configuration queries twenty minutes after being reset. If your camera has been running for more than twenty minutes, you must reset or power cycle it before querying or configuring its IP address through either Exacq's IP camera finder or Panasonic's *EasyIPSetup* utility.

NOTE: The factory default login for Panasonic IP cameras is:

- username: admin
- password: **12345**



ACTi

ACTi provides the ACTi *IP Utility* to find IP cameras. This is located on the installation CD in the \Professional\Utility\IP Utility.exe directory. You might need to install the ACTi Streaming Activator Software from the CD to find the ACTi IP utility. Run the utility to display the following window.

3.5									
IP Ad	Idress 192.168.	1.65							
Subri	Desk 255.255.	299.0							
Edit Account	Duplicate Settin	g Firmware U	pgrade	Profile Upgrade	Backup Configuration	n Restore Configuration	Save & Reboot	Clean Statu	s Tota
# Hostnam	e 🗢 LAN IP	• WAN IP	Chn H	Ittp MAC	Firmware	Camera	Model	Acount	Password
1 ACTI		• 192.168.1.219	1 1	00:0F:7C:01:E6:	E0 A1D-229-V3.09.14-A	C MT54G15-RXX_V080609A	ACM8511	1	
							In the carrier		
	🗿 We	eb Page Dia	log					? X	
	Apply a	nd Save & Re	eboot						
	Camer	a Informat	ion						
	Camera I	/lodel:		ACM8511 IP F	PTZ Camera				
	Camera \	/ersion:		A1D-220-V3.0	9.14-AC				
	Camera I	P:		192.168.1.21	9				
	Hostnam	e:		ACTI					
	Camer	a Setting							
	Hostnam	e:		ACTI					
	🔲 LAN I	P:		disabled					
	VVAN	IP:		192.168.1.21	9				
	Subn	et Mask:							
	ISP G	ateway:							
	Http F	Port:		80					
			*Nee	ed to save and	reboot to make	this effective			

Enter the Account name and Password in the appropriate fields, and then click Configure Camera Settings (the wheel button at the far left side of the row).

Change the WAN IP address to an IP address that is not used on your network. You cannot turn on DHCP here; that can be done only on the camera webpage. After you enter the IP address and subnet mask entered, click Apply and Save & Reboot.

NOTE: The factory default login for ACTi IP cameras is:

- username: Admin
- password: 123456





Vivotek provides an *Installation Wizard* utility to find IP cameras. This is provided on the CD included in the box with the camera. Run the utility to display the following window:

🖌 Installation Wiza	rd 2 - Network Type	(X)
Installati	on Wizard 2	
Your network	environment was analyzed as belov	v.
	Private fixed IP	
Internet	Cable/DSL modem Router	P Camera
Exit		Next
¥ Installation Wizard	2	
Device Selection Select a device to	n Installa	tion Wizard 2
Manual	MAC IP Address	Model
300p Refresh V	Please check the MAC and model name in the product label of your device first. Then, you can start to link to your device and show the main screen by double clicking the item in the above selection list.	Network Camera Yvvster Metwork Camera (Svvster Mac cogoly XXXXX Hereitalster FC
	If you are not able to find your device in the	Aussendard frei fansk men sensen Mandel ein Tasinvarin Theoderein consiste ethicant To other (FCoundar) Disclosers consiste ethicant To other (FCoundar) Other and the sense ethicant of a other ethican and the Other and the sense ethicant of and and an advertage of Other theody angle and Andreance, and Other theody angle and Andreance, and

This should detect and display your type of network. Click Next to continue.

All Vivotek network cameras in your subnet are displayed. If the program does not detect the camera, verify that the cameras are actually in your local subnet. Double click the camera that you want to configure.





Enter the root password for the Vivotek camera. If you have not set up the camera previously, the default password is blank.

Enter in the new root password and keep the default Date/Time settings. Click Next.

Enter the IP address, subnet mask, default gateway, primary DNS (optional), and secondary DNS server (optional). Select Get IP by DHCP Server Automatically if necessary. Click Next to continue.



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Use the default ports.

Do not select Enable DDNS unless you are planning to put this camera on the Internet. This is not recommended.

Click Next to complete the configuration.





Arecont provides a utility to find IP cameras on the CD included with the camera. Run the utility to show the following window:





M End Detect Network	
Language Mode	
Ethernet Address Of Camera Current Camera IP Network Cards 00 1A 07 00 35 10 192 168 100 15 192 168 100 16 192.168.100 16 16 192.168.100 16 16 192.168.100 16 192.168.100 16 16 192.168.100 16 192.168.100 16 192.168.100 16 192.168.100 16 192.168.100 16 192.168.100 16 192.168.100 16 192.168.100 16	s IF- 20 00-16-76-13-4D-D9
-Present Cameras-	
Ethernet Address Current IP Result Model/Version	Automatic
00-1A-07-00-35-1D 192.168.100.15 unchecked	Find Cameras
00-1A-07-00-59-CD 192.168.100.214 unchecked	Set IP
	Check Network
	Clear selections
	Manually Add
	Read From Ini
	Save / Exit

Click Set IP to set the IP address for the camera. To configure additional information for the camera, go to the camera's web page.





ioimage provides a utility to find IP cameras called the *ioiWare Site-Configurator*. This utility is provided on the CD included in with the camera. Run the utility to display the following window:

tel ioiWare Site-Configurator	You must change your own IP address so that you can reach the IP address 192 168 123 10
Units Model Channels # IP Subnet Gateway Gateway Gateway Gateway Gateway Gateway Call (192.168.123.10) 255.255.252.0 192.168.120.1	When you run the ioiWare Site-Configurator, it detects the device. Select the device and then the Network tab.You can configure the device's IP address to be static or obtain an IP address automatically.When finished, click Apply Network.
Properties:	
Login	Enter the username and password for the device. Click OK to set the IP address and reboot the device.
User name: Password: OK Cancel	

NOTE: The factory default login for ioimage devices is:

- username: admin
- password: admin



9 StarDot

StarDot provides a utility to find IP cameras called *StarDot Tools*. This utility is provided on the CD included with the camera. Run the utility to display the following window:

🔀 StarDot Tools	The StarDot Tools utility detects cameras that are on
Highlight the device you wish to configure: Serial Number IP Address Device Type 00-30-F4-D0-11-83 192.168.1.22 I device found (0 hidden). Refresh View All Configure	Camera and then click Setup Wizard.
Setup Wizard Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Constraint of the local network you can manually add it to the list by entering the IP address. Image: Conted to the local network you can manually add it to the	Select the method used to connect to the camera and then click Next. Select the IP camera from the list and click Next. The configuration of the camera is then displayed. Select the primary method of communication, which is usually Network.



Setup Wizard	
Enter the follow running this on will likely be in t	ng information. Consult your network administrator is you're not sure. If you're a private network behind a DSL/cable router, your address, subnet and gateway ne 192.168.1.X range.
IP Address:	115 .168. 1 . 22
Subnet Mask:	255.255.255.0 Autogen Mask
Gateway:	192.168. 1 .254
	< Back Next > Cancel

Select either Static IP Address, or Server-Assigned IP Address (DHCP). If you select Static IP Address, enter the IP address, subnet mask, and gateway.

Select Only Serve Images on Request, No Upload, Then click Next, and then click Next again to reboot the camera to the new IP address.





Ganz provides the Ganz Installation Tool to find IP cameras. This utility is provided on the CD included with the camera. Run the utility to display the following window.

🕵 GANZ Installation Tool	l		
File About			
Auth	Network	Camera Info	
Admin ID	🔿 Static 🔘 DHCP	CameraName	
Admin Password	IP Address	Model Name	
	Subnet Mask	Serial No	
		FAW Ver	
	Defualt Gateway	Net Mode	
	Set IP Address	IP Address	
	Reboot	Http Port	
		Subnet Mask	
IP Camera Search	Program Update	Mac Address	
Camera List			
			~
			.::
🦋 GANZ Installation Tool			
GANZ Installation Tool	ļ		
GANZ Installation Tool	Network	Camera Info	
GANZ Installation Tool File About Auth Admin ID	Network Static ODHCP	Camera Info CameraName	camera01
GANZ Installation Tool File About Auth Admin ID	Network Static ODHCP IP Address	Camera Info CameraName Model Name	camera01 ZN-D9312NHA
GANZ Installation Tool File About Auth Admin ID Admin Password	Network Static DHCP IP Address Subnet Mask	Camera Info CameraName Model Name Social Na	camera01 ZN-D9312NHA PIA00010
GANZ Installation Tool File About Auth Admin ID Admin Password	Network Static DHCP IP Address Subnet Mask	Camera Info CameraName Model Name Serial No	camera01 ZN-D9312NHA RIA00010
GANZ Installation Tool File About Auth Admin ID Admin Password	Network Static ODHCP IP Address Subnet Mask Defualt Gateway	Camera Info CameraName Model Name Serial No F/W Ver	camera01 ZN-D9312NHA RIA00010 1.10.07.0113
GANZ Installation Tool File About Auth Admin ID Admin Password	Network Static ODHCP IP Address Subnet Mask Defualt Gateway	Camera Info CameraName Model Name Serial No F/W Ver Net Mode	camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp
GANZ Installation Tool File About Auth Admin ID Admin Password	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address	camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63
GANZ Installation Tool File About Admin ID Admin Password	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port	camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80
GANZ Installation Tool File About Auth Admin ID Admin Password	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask	camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0
Camera Search	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address	camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1:c:b8:00:00:66
Camera Search Camera List	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address	Camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66
Camera Search Camera List Cam	Network Static O DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update NHA BIAD0010	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address	Camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66
Camera List	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update NHA RIA00010 N2M TP000000001	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address 00:1 c: b8:00:00:c5	Camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66
Camera List	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update NHA RIA00010 N2M TP000000001	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address 00:1c:b8:00:00:c5	camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66
GANZ Installation Tool File About Auth Admin ID Admin Password IP Camera Search Camera List 192 168:100.63 ZN-D9312 192.168:100.68 TPDM0011	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update NHA RIA00010 N2M TP000000001	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address 00:1c:b8:00:00:c5	Camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66
GANZ Installation Tool File About Auth Admin ID Admin Password Image: Comparison of the system of the sy	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update NHA RIA00010 N2M TP000000001	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask. Mac Address 00:1c:b8:00:00:c5	Camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66
GANZ Installation Tool File About Auth Admin ID Admin Password Admin Password IP Camera Search Camera List 192.168.100.63 ZN-D9312 192.168.100.68 TPDM0011	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update NHA RIA00010 N2M TP000000001	Camera Info Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address 00:1 c: b8:00:00:c5	Camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66
Camera Search Camera List Search Camera List	Network Static DHCP IP Address Subnet Mask Defualt Gateway Set IP Address Reboot Program Update NHA RIA00010 N2M TP000000001	Camera Info CameraName Model Name Serial No F/W Ver Net Mode IP Address Http Port Subnet Mask Mac Address 00:1 c: b8:00:00:c5	Camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00:66

Click IP Camera Search to search for Ganz IP cameras on the local subnet. If the program does not detect the camera, please verify that the cameras are in your local subnet.

All Ganz IP cameras on the local subnet are listed in the Camera List section. Select a camera to display information in the Camera Info area.



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🛠 GANZ Installation Tool		
File About		
Auth Admin ID admin Admin Password Admin Password Admin Password Admin Password Admin Password Subnet Mar 255.255.25 Defualt Gat 192.168.10 Set IF F IP Camera Search Progr	DHCP Camera Info CameraName Model Name Serial No F/W Ver O.1 Address Http Port Subnet Mask m Update Mac Address	camera01 ZN-D9312NHA RIA00010 1.10.07.0113 dhcp 192.168.100.63 80 255.255.255.0 00:1c:b8:00:00.66
Camera List <u>192168100.63 ZN-D9312NHA RIA(</u> 192168100.68 TPDM001N2M TPO	0010 00:1e:b8:00:00:66 00000001 00:1e:b8:00:00:e5	

To change the IP address of the selected camera, select Static in the Network area. Enter the IP address and default gateway, and then click Set IP Address.

NOTE: The factory default login for Ganz devices is:

- username: admin
- password: admin





Basler provides the IP Camera Finder to find Basler IP cameras. This utility is provided on the CD included with the camera. Run the utility to display the following window.



All the Basler IP cameras on the local subnet are displayed under Local Area Connection. To configure a camera, right click and select Open In Browser.

Click Configuration to display the Camera Configuration panel.





Expand the Network panel to display the camera's Settings tab. Deselect DHCP and then change the IP address and other information as appropriate. Click Commit when finished.

NOTE: The factory default login for Basler cameras is:

- username: admin
- password: admin





To change the camera's IP address, make sure the DIP switch on the camera's left flank panel is set to 4 (STATIC IP).

To run the utility, connect the camera to a computer using a USB cable. The following window is displayed.

Title	ipxcam((00:0C:0C:	01:73:CF)		DHCP	OFF			
IP Address	192	168	1	61	Netmask	255	255	255	0
Gateway	192	168	1	254	DNS Server	64	132	94	250
HTTP Port	80								
PPPoE Enable	OFF			•					
Account					Password				
Mode Setting	C Infra	a-structure	C Ad-	Hoc	ESSID				
Channel				-	WEP Key	C Disat	ole C 6	4 bit C	128 b
Default Key	C 1	C 2	C 3	C 4					
Key1					Key2				
Key3	1				Key4	i			_

Select OFF from the DHCP drop-down list in the utility. Enter the IP address, netmask, gateway, DNS server, and HTTP port information. Click Apply and then Exit when finished.





AUTO IP SETUP UTILITY

Search Cameras

Status

Auto setting

No

TOTAL

Model na

NEW

MAC Address

1

0 OK

IP Address

Sanyo provides the Auto IP Setup utility to find and configure IP settings on Sanyo cameras. Run the utility (you must be logged in as an Administrator in Windows 7) to display the following window.

- • 💌

Web Browser

Firmware Version

o.	Status	Model name	MAC Address	IP Address	Port	SSL	Camera Title	Firmware Version

1 CAUTION 0

Port SSL

Manual setting

Camera Title

Camera Image

Click Search Cameras to locate Sanyo cameras on your network. This process can take several minutes to complete.

When the camera appears in the Search results list, select the camera and click Auto Setting. This automatically assigns an IP address and other network information to your camera.

 LOGIN
 Image: Constraint of the camera.

 Please input User name and Password of the camera.
 User name

 User name
 Image: Constraint of the camera.

 Password
 Image: Constraint of the camera.

 Set below as well when using SSL or changed port number.
 Port

 Port
 B0

 SSL
 ON
 Image: OFF

 Execute
 Cancel

To assign a specific IP address to the camera, click Manual. This opens a Login window; enter the default credentials and click Execute. When you are logged in, you can assign IP information to the camera. When finished, click Execute. After the camera completes the update, the newly assigned camera information is displayed in the Search results list.

NOTE: The factory default login for Sanyo cameras is:

- username: admin
- password: admin



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Pelco provides the Pelco Device Utility to find and configure IP settings on Pelco cameras. Run the utility to display the following window.

NOTE: To run the Pelco Device Utility, Java must be installed on the computer. For complete information about the Pelco Device Utility, see the manufacturer's documentation.

05	~~					
Device Utility						
/ersion: 1.0.17						
Version	lindate	Model V	Device Name	IP Address	MAC Address	Last Updated at: 11:36:30 Status
1.5.9.9260		IMS0C10	IP Camera - IMS0C10-AAYQSQ7	192.168.1.50	00:04:7D:03:58:3C	Online Connect
1.6.4.9080-A		IX30DN	IP Camera - IX30DN-AAPJZ30	192.168.1.14	00:04:7D:02:4F:A8	Gffline
1.5.9.9080-A		IX30DN	IP Camera - IX30DN-AAPJZ40	192.168.1.11	00:04:7D:02:4F:B2	Sonine Connect
1.5.9.9080-A		IX30DN	IP Camera - IX30DN-AAPJZ47	192.168.1.9	00:04:7D:02:4F:B9	Nonline Connect
1.6.4.9080-A		IX30DN	IP Camera - IX30DN-AAXJS96	192.168.1.25	00:04:7D:03:38:ED	Part Online Connect
1.5.9.9080-A		IX30DN	IP Camera - IX30DN-AAPJZ37	192.168.1.13	00:04:7D:02:4F:AF	Sonine Connect
1.6.4.9080-A		IX30DN	IP Camera - IX30DN-AAPJZ45	192.168.1.27	00:04:7D:02:4F:B7	Sonine Connect
1.6.4.9080-A		IX30DN	IP Camera - IX30DN-AALNLF8	192.168.1.36	00:04:7D:02:11:3C	Sonine Connect
1.5.9.9081-A		IXE20DN	CN-PELCO-Test1	192.168.1.37	00:04:7D:01:EF:ED	Sonnect
				· · · · · · · · · · · · · · · · · · ·		
an	date Firmware		Search Now			Remove Offline Devices

All Pelco cameras on your network are listed in the utility. Click Search Now to update the list. To change the network settings for a camera, select Connect in the appropriate row in the Status column. This opens the camera's web page in the default browser.

System	Network	Imaging	A/V Streams	lisers	Events
0,500	THE WORK	indging	ivi odrodnio	0,00,0	21010
System Settir	igs				
Hardware Address:	00:04:7d:03:58:3c				
Hostname:	IMS0C10-AAYQSQ7				
IPv4 Settings					
DHCP:	🔘 On 💿 Off				
IP Address:	192.168.1.50				
Subnet Mask:	255.255.255.0]			
Gateway:	192.168.1.254				
DNS Servers:	64 132 94 250				
(one per line)	216.136.95.2				
	8.8.8.8				

To change the IP address, select Off next to DHCP and type the address. Click Save when finished.

NOTE: The factory default login for Pelco cameras is:

- username: admin
- password: admin



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