



Network Camera
User Guide



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Camera Settings



Cam Finder

Execute the Cam Finder IP Cam Scan Utility from the supplied CD.

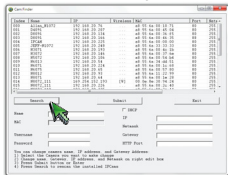


Click **Run** to set up camera immediately.
Download the Cam Finder.exe.

Find the camera (Search)

Search for the product from your LAN.

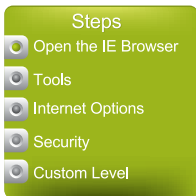
The default IP setting **192.168.0.20** appears on the screen.



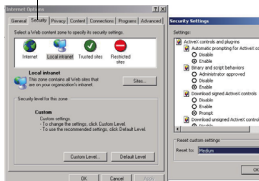
Note: If this software cannot run successfully, check that it is not blocked by an anti-virus software or firewall.

Change the Internet Explorer settings

Make sure that Level II, the commonly used default security level, is set for the security.



Select **medium** for security.

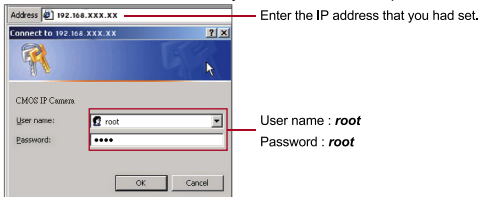


Where no switch hub is available, you can search and set up the camera using the network peering approach. However, you may need a jumper and need to change the LAN configuration on your PC for this purpose. It is recommended to request a qualified engineer for the connection or execute the network peering referring to the user's manual .

Access to the IP Camera

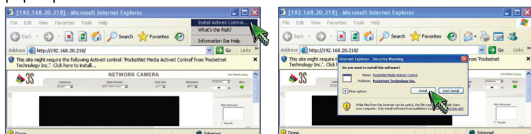
Using Web Browser

Enter the new IP address and key in the username and password.



Install Internet Explorer ActiveX Controller

After the username and password are confirmed, a control setup screen pops up under the address bar.



View of Main Page

When ActiveX Control is installed successfully, you can see the camera image and interface on your screen.



- | | | |
|------------------|---|-------------------|
| 1. 3Svision Logo | 6. Streaming | 11. Alert Message |
| 2. Language | 7. Color | 12. Shortcuts |
| 3. Video Format | 8. Mode | 13. Shortcut Bar |
| 4. View Size | 9. Alert | |
| 5. Product Name | 10. PTZ Control (It is only available for the model which supports PTZ function,) | |

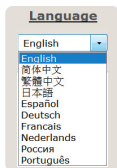
Live View

The camera utility enables you to change language and video settings.

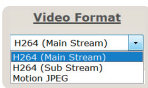
3Svision Logo



Language



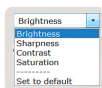
Video Format



View Size



Color



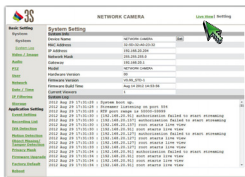
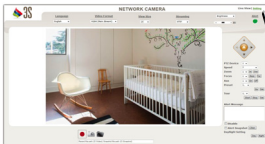
Streaming

The following tables show the difference between UDP, TCP and HTTP.



Protocol	Differences		
	Tunneling	Pocket Loss	Speed
HTTP	Easy	Fair	Fair
TCP	Fair	Lower	Fast
UDP	Hard	Lowest	Fastest

Mode



NOTE : User interface will be customized by the exactly product you purchased.

Alert

The alert flash will be changed from green to red in order to warning users immediately when any event is triggered.

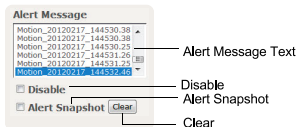
The alert flash will keep in red till you disable it. Click the alert flash again to disable it.

The alert message will display the information at the same time.

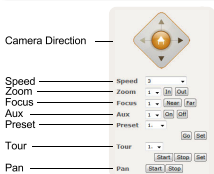
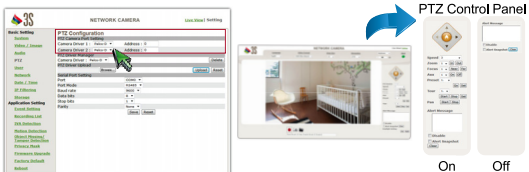


The function of Alert needs to match and use with Event Setting, please confirmed the Event Device and Setting before you start this function.

Alert Message



PTZ Control Panel



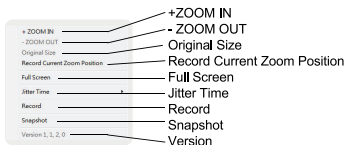
Camera Direction	Control the Pan/Tilt function
Speed	Adjust the Pan/Tilt movement speed
Zoom	Control the Zoom IN/OUT function
Focus	Use the manual Focus function
Aux	Control the external device
Preset	Set up/Enable the Preset
Tour	Set up/Enable the Tour
Pan	Start/Stop the Pan

NOTE : The function of PTZ is only applicable for the model which supports it.

Shortcuts

Click the **right-button** of your mouse in Live View mode to display the Shortcuts List.

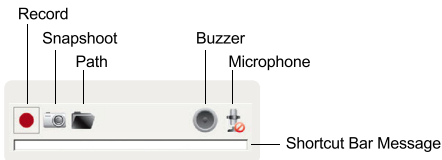
Choose the option directly depend on different system requirements.



Zoom In	The navigation screen indicates the part of the image being magnified.
Zoom Out	8 Levels of zoom in/out are supported.
Original Size	No matter what the multiple of digital zoom is, you can reset the image size.
Record Current Zoom Position	The image will be the same position after refresh the screen.
Full Screen	Change the screen to full screen mode and release it by click the button again. You can also release it by click the "ESC" button on the keyboard.
Jitter Time	Set up the buffer time to make audio sync which can help the video and audio smoother.
Record	Start to record the image and the file will saved at the default path. Stop the recording by click the button again.
Snapshot	Snapshot the image and the file will save at the default path.
Version	The ActiveX Control version will show on the bottom.

Shortcut Bar

Enable/Disable the application function from Shortcut Bar.



Record	Record the streaming image and the file will save at the default path.
Snapshot	Snapshot the Live View image and the file will save at the default path.
Path	Change the saving folder path. Due to the path setting will saved the modification into ActiveX Control and the *.ini file. No matter what the type of the IP Camera is changing, the path will follow the same folder to save it.
Buzzer	Enable/Disable one-way audio. It can receive the voice of the microphone from the Network Camera.
Microphone	Enable/Disable one-way audio. Transmit the voice into the Network Camera by using the PC's microphone. Enable the Microphone and Buzzer at the same time to achieve the two-way audio application if you like it.
Shortcut Bar Message	Display the information of record or Snapshot in the Shortcut Bar Message.

Basic Setting

- System
- System Log
- Video / Image
- Audio
- PTZ
- User
- Network
- Date / Time
- IP Filtering
- Storage

Application Setting

- Event Setting
- Recording List
- IVA Detection
- Motion Detection
- Object Missing / Tamper Detection
- Privacy Mask
- Firmware Upgrade
- Factory Default
- Reboot

System Setting

System Info

Device Name	NETWORK CAMERA	Set
MAC Address	32:5D:32:A0:23:32	
IP Address	192.168.20.204	
Network Mask	255.255.255.0	
Gateway	192.168.20.1	
Model	NETWORK CAMERA	
Hardware Version	00	
Firmware Version	V0.99_STD-1	
Firmware Build Time	Aug 14 2012 14:53:56	
Current Viewers	1	

System Log

```
2012 Aug 29 17:31:28 : System boot up.
2012 Aug 29 17:31:28 : Streamer listening on port 554
2012 Aug 29 17:31:28 : RTP port range is 50000-59999
2012 Aug 29 17:31:30 : [192.168.20.91] authorization failed to start streaming
2012 Aug 29 17:31:30 : [192.168.20.157] authorization failed to start streaming
2012 Aug 29 17:31:30 : [192.168.20.157] root starts live view
2012 Aug 29 17:31:30 : [192.168.20.91] root starts live view
2012 Aug 29 17:31:33 : [192.168.20.127] authorization failed to start streaming
2012 Aug 29 17:31:33 : [192.168.20.127] root starts live view
2012 Aug 29 17:31:33 : [192.168.20.127] root starts live view
2012 Aug 29 17:31:33 : [192.168.20.127] root starts live view
2012 Aug 29 17:31:34 : [192.168.20.91] authorization failed to start streaming
2012 Aug 29 17:31:34 : [192.168.20.91] root starts live view
2012 Aug 29 17:31:34 : [192.168.20.91] root starts live view
2012 Aug 29 17:31:34 : [192.168.20.91] root starts live view
```

The Setting menu let you change the following settings:

Basic Setting

- System
- Video/Image
- Audio
- PTZ
- User
- Network
- Date/Time
- IP Filtering
- Storage

Application Setting

- Event Setting
- Recording List
- IVA Detection
- Motion Detection
- Object Missing/Tamper Detection
- Privacy Mask
- Firmware Upgrade
- Factory Default
- Reboot

NOTE : After each setting, click **Save** to save and apply them.

Basic Setting

System

System Setting

Basic Setting	System Setting
System	System Info
System	Device Name
System Log	MAC Address
Video / Image	IP Address
Audio	Network Mask
PTZ	Gateway
User	Model
Network	Hardware Version
Date / Time	Firmware Version
IP Filtering	Firmware Build Time
Sharepoint	Current Viewers
Event Settings	System Log
Recording List	2012 Aug 29 17:03:28 System boot up.
IRA Detection	2012 Aug 29 17:03:28 Firmware licensing on port 804
Motion Detection	2012 Aug 29 17:03:28 HTTP port change to 80000-80009
Object Masking/ Tamper Detection	2012 Aug 29 17:03:29 [192.168.20.91] authentication failed to start streaming
Privacy Mask	2012 Aug 29 17:03:29 [192.168.20.127] root starts live view
Firmware Upgrade	2012 Aug 29 17:03:29 [192.168.20.91] root starts live view
Factory Default	2012 Aug 29 17:03:29 [192.168.20.127] authentication failed to start streaming
Reboot	2012 Aug 29 17:03:29 [192.168.20.91] root starts live view
	2012 Aug 29 17:03:29 [192.168.20.127] root starts live view
	2012 Aug 29 17:03:29 [192.168.20.127] root starts live view
	2012 Aug 29 17:03:29 [192.168.20.91] authentication failed to start streaming
	2012 Aug 29 17:03:29 [192.168.20.91] root starts live view
	2012 Aug 29 17:03:29 [192.168.20.91] root starts live view
	2012 Aug 29 17:03:29 [192.168.20.91] root starts live view

- Device Name
- Network information
- Model
- Firmware information
- Current Viewers

Device Name	Give the name of your camera here. Complete the setting by Click Set .
MAC Address	Network information
IP Address	
Network Mask	
Gateway	
Model	Display the product model name.
Hardware Version	Firmware information.
Firmware Version	
Firmware Build time	
Current Viewers	The number of viewers who are currently accessing the video stream.

System Log

Basic Setting	System Log
System	System Log
System	Max Size
System Log	Critical Log
Video / Image	Warning Log
Audio	Information Log
PTZ	Syslogd Service
User	Syslogd Service
Network	Syslogd Server
Date / Time	Syslogd Port
IP Filtering	
Sharepoint	
Event Settings	
Recording List	
IRA Detection	
Motion Detection	
Object Masking/ Tamper Detection	
Privacy Mask	
Firmware Upgrade	
Factory Default	
Reboot	

- System Log
- System Service

System Log

- Max Size: Set the Number allowed for the log file, 100000 is the default.
- Critical Log: Click Display to show the most important log file.
- Warning Log: Click Display to show the warning log file.
- Information Log: Click Display to show the information log file.

Syslog Service

- Syslogd Service: Click Start to send the log file to server.
- Server: Fill in the IP address that the Syslogd Service is.
- Port: Set the port number.

Video / Image

Video

The screenshot shows the 'Video / Image Setting' menu in a 'NETWORK CAMERA' interface. The left sidebar lists various settings categories like Basic Setting, System, Video / Image, Audio, PTZ, User, Network, Date / Time, IP Settings, Storage, Application Setting, Event Setting, Recording List, IVA Detection, Motion Detection, Object Missing / Tamper Indication, Intrusion Mask, Firmware Upgrade, Factory Default, and Reboot. The main panel is divided into sections: 'Video Setting' (Sensor Mode: QSVGA Mode (2560x1920) / FullHD Mode (1920x1080)), 'H264' (Resolution: Full HD (1920x1080), FrameRate(FPS): 30, Quality: Fit Quality (Best), GOP: 13), 'H264 (Sub)' (Resolution: 1280x720, FrameRate(FPS): 10, Quality: Bitrate 2072, GOP: 15), and 'Motion JPG' (Resolution: Full HD (1920x1080), FrameRate(FPS): 3, Quality: Bitrate 1536). 'Save' and 'Reset' buttons are at the bottom.

Video Setting

Set the mode of the sensor.

H264

Set the resolution, frame rate(FPS) and quality of the image and the GOP of the frames.

H264 (Sub)

Set the resolution, frame rate(FPS) and quality of the image and the GOP of the frames.

Motion JPG

Set the resolution, frame rate(FPS) and quality of the image and the GOP of the frames.

ROI (Region of interest)

The screenshot shows the 'ROI' settings page. A central video preview window displays a room with a crib and a rocking chair, with a yellow box highlighting a region of interest. To the right, four ROI settings are listed: 'ROI AREA 1' through 'ROI AREA 4'. Each area has its own configuration options for FrameRate(FPS), Quality, and GOP. Arrows point from the labels 'AREA 1' to 'AREA 4' to their respective settings panels.

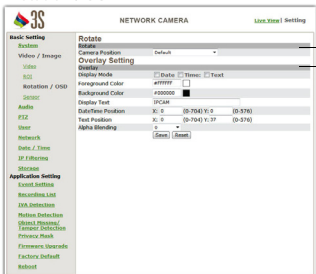
Multi-streaming with H.264 and M-JPEG compression with 4 ROI (Region of interest) allows high quality / high resolution recording and low bandwidth live view at the same time.

Area1 to 4

Set the Frame rate(FPS) and quality of the image and the GOP of the frames.

NOTE : This function is available only for 5Megapixel.

Rotation / OSD



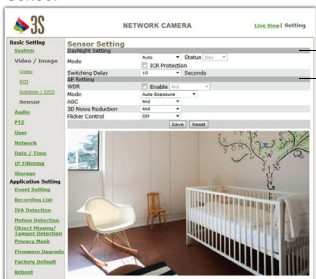
Rotate

Overlay Setting

Rotate
Overlay Setting

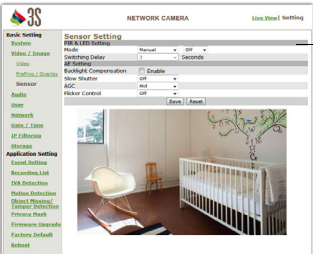
Set the Camera Position.
Set the Language, Display mode, Foreground color, Background color, Display text, Date/time position, Text position and Alpha Blending of the overlay.

Sensor



DayNight Setting

AE Setting



PIR & LED Setting

DayNight Setting

Set the mode for the Day and Night and the time for switching delay. You can also select Day/Night ambiguity suppression in Auto mode.

PIR & LED Setting

Set the mode for the Day and Night from Auto and Manual. You can also select off or on in Manual mode.

AE Setting

Click **Enable** to set the backlight for the image and set the Slow Shutter, AGC and Flicker Control.

NOTE : PIR & LED is only applicable for the model which supports it.

Audio

Device Audio Setting

The screenshot shows the 'Device Audio Setting' page. The 'Audio Mode' is set to 'Half-Duplex'. Under 'Audio In', the 'Codec' is 'G726/32' and 'Gain' is '50'. Under 'Audio Out', the 'Codec' is 'G726/32' and 'Gain' is '100'. There are 'Save' and 'Reset' buttons at the bottom of the settings area.

Audio

Audio In

Audio Out

Set the Audio mode for the camera.

Select the type of Codec and Gain for audio encryption.

Select the type of Codec and Gain for audio encryption.

Code	Compression Bitrates (Kbit/s)	Note
G711a	64	PCM (For American System)
G711u	64	PCM (For European System)
G726/32K	32	ADPCM
AMR	4,75	

PTZ

PTZ Configuration

The screenshot shows the 'PTZ Configuration' page. It includes sections for 'PTZ Camera Port Setting' (with two camera drivers), 'PTZ Driver Manager' (with a 'Delete' button), 'PTZ Driver Upload' (with a file browser and 'Upload' button), and 'Serial Port Setting' (with fields for Port, Port Mode, Baud rate, Data bits, Stop bits, and Parity). 'Save' and 'Reset' buttons are at the bottom.

PTZ Camera Port Setting

PTZ Driver Manager

PTZ Driver Upload

Serial Port Setting

It supports the PTZ control of those analog PTZ cameras use the drivers of Pelco-D and Pelco-P. Refer to the user manual of your PTZ cameras, and you will know which driver to select. Moreover, select the serial number (address) of the targeted PTZ camera for controlled setting. If the selection is none, please upload the PTZ driver first.

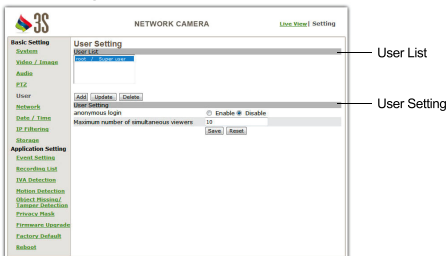
In the Camera Driver column, list all the drivers that are installed in the video server. Select **Delete** to eliminate any selected driver.

Upload the PTZ drivers from www.3Svision.com for more camera drivers which are supported.

Set the serial port for the network camera.

User

User Setting



User List

- Add** Add a new user and to define a different privilege.
- Update** Change the privilege or password of a user.
User name changed is not allowed.
- Delete** Delete an exist user.

User Setting

- Anonymous login** Click **Enable** to allow anyone user to login. For the special demand, login to the browse without username and password is allowed. The selection of Disable is recommended for the security.
- Maximum number of simultaneous viewers** Depending on the bandwidth and requirements, a limit up to 20 viewers who are allowed to view the camera simultaneously can be defined.
- Anonymous PTZ control** Click **Enable** to allow anyone user can control the PTZ.

NOTE : The default user name and password have been set as "root". The root user cannot be deleted but can be changed. For the safety consideration, it is recommended to change the root's password when the first time login. You can press the reset bottom to reset to factory default.

The privileges of the administrator, operator, and viewer are listed as below:

	User	Administrator	Operator	Viewer
Live View				
Live View		V	V	V
Setting				
Basic Setting				
System		V	V	
Video / Image		V	V	
Audio		V	V	
PTZ		V	V	
User		root		
Network		V		
Date / Time		V		
IP Filtering		V		
Storage		V		
Application Setting				
Event		V	V	
Recording List		V	V	
Motion Detection		V	V	
Object Missing/ Tamper Detection		V	V	
Privacy Mask		V	V	
Firmware Upgrade		root		
Factory Default		V		
Reboot		V		

Network Network Setting

NETWORK CAMERA User View | Setting

Basic Setting

- System
- Video / Image
- Audio
- P2P
- User
- Network
- Application Setting
- Reboot

Network Setting

IP Assignment: On Off

DHCP: On Off

IP Address: 192.168.20.204

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.20.1

DNS 1: 166.95.1.1

DNS 2:

MAC Address: 02:90:32:00:23:32

[Save](#) [Reset](#)

IP Assignment

DHCP

DHCP (Dynamic Host Configuration Protocol) is a protocol that enables automatic assignment of TCP/IP information to the client. Each DHCP client connects to the DHCP server to access its network setting information, including IP address, gateway, and DNS server.

The IP address of the camera is 192.168.0.20 by default when DHCP is "OFF". When you select "DHCP ON" and access the DHCP network environment, the camera will automatically send a DHCP packet to request an IP address. This IP address is assigned automatically from the DHCP server on the network.

No additional settings are required for this page unless you need to change the network configuration. The DHCP status of the camera is "OFF" by default.

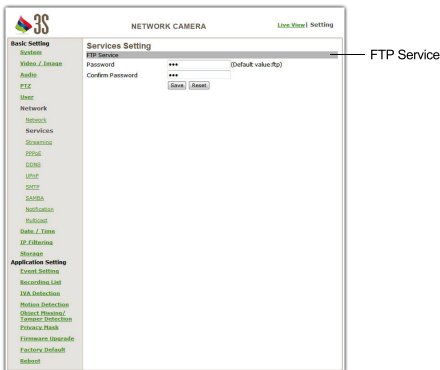
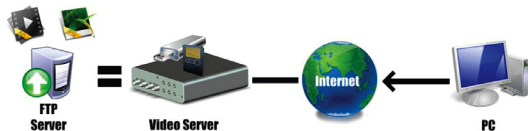
Other settings

For IP address, Subnet mask, Default gateway, DNS 1, and DNS 2, the DHCP server will assign these values automatically when DHCP is in "ON" status; otherwise, you need to key in the values manually.

NOTE : The system will be set the Link-Local Address by automatically when there is no any IP address is assigned from the DHCP server.

Services Setting

It can become the small FTP server to download the AVI or JPEG file from SAMBA or SD Card. The default status is enabling the function. Due to the function only provide the SAMBA and SD Card applications, not release to all FTP setting for user.



The default account and password is ftp, and you can only modify the password by yourself.

Streaming Setting

Streaming	
HTTP	80
RTSP	554
RTP	50000 ~60000

Streaming

- HTTP** Port 80 can pass through most firewalls. Video streams are transmitted through HTTP Port (80 by default) to ensure passage through firewalls.
- RTSP** Port 554 uses a fixed port (i.e. TCP) or can be defined by users to ensure reliable data transmission. Video streams are transmitted through RTSP Port (554 by default) to avoid video fragment or mosaics due to poor transmission quality.
- RTP** Port 50000 to 60000 are UDP ports and can be defined by users. They provide the fastest but also most unreliable transmission service. Video streams are transmitted through UDP Port (50000~60000 by default) to ensure the fastest image transmission. However, video fragment or mosaics may occur due to poor transmission quality.

NOTE : HTTP and Factory Default are recommended.

PPPoE Setting



The screenshot shows the 'NETWORK CAMERA' web interface. The 'PPPoE Setting' page is active, with a left sidebar menu. The main content area includes a 'PPPoE Setting' section with a 'Dial' toggle set to 'On boot' and 'Off'. Below are input fields for 'Username', 'Password', and 'PPPoE information' (IP Address, Subnet Mask, Default Gateway, DNS). 'Save', 'Reset', and 'Dial' buttons are present. The sidebar menu includes categories like 'Basic Setting', 'Application Setting', and 'Storage'.

PPPoE

PPPoE Information

PPPoE

- Dial** You can select whether or not to dial when you boot the Camera.
- Username** Enter the username provided by your ISP.
- Password** Enter the password.

PPPoE Information

- IP Address** The IP address is acquired when the dialing has been executed successfully.
- Subnet Mask** The subnet mask information is acquired when the dialing has been executed successfully.
- Default Gateway** The gateway information is acquired when the dialing has been executed successfully.
- DNS** The ISP domain name is acquired when the dialing has been executed successfully.

DDNS Setting



DDNS

DDNS

- Active** Enables/disables DDNS.
- DDNS Server** Currently we only support <http://dyndns.org>. This is a free domain name server provided by DynDNS. You may log on this website for relevant information and apply for free domain names.
- Username** Your account for the domain name you applied for.
- Password** Your password for the domain name you applied for.
- Domain Name** The domain name you applied for.

UPnP Setting



UPnP Service

UPnP Traversal

UPnP Device

- Active** Yes (enable) / No (disable)
- Device Name** The name of the UPnP device.

UPnP Traversal

- Active** Yes (enable) / No (disable)
- Port Range** The range of the usable ports, from 32768 to 65535 as default.
- Link URL** After the network camera penetrates the firewall successfully, the actual external IP address and port will be shown.

SMTP Setting

NETWORK CAMERA Live View | Setting

Basic Setting

- System
- Video / Image
- Audio
- EZV
- User
- Network

Application Setting

- Event Settings
- Recording List
- IFA Detection
- Motion Detection
- Object Missing / Tamper Detection
- Privacy Mask
- Firmware Upgrade
- Factory Default
- Reboot

SAMBA

- Notification
- Subcast
- Date / Time
- IP Filtering
- Storage

SMTP Setting

SMTP Server

SMTP From

SMTP Port

SMTP Authentication Enable Disable

SMTP Username

SMTP Password

To mail address

SMTP Setting

SMTP server

SMTP From

SMTP Authentication

User name

Password

The SMTP server IP address.

The email of the sender, i.e. xxx@xxx.com

Enables/disables

The user name is from SMTP server.

The password is from SMTP server.

SAMBA Setting

NETWORK CAMERA Live View | Setting

Basic Setting

- System
- Video / Image
- Audio
- EZV
- User
- Network

Application Setting

- Event Settings
- Recording List
- IFA Detection
- Motion Detection
- Object Missing / Tamper Detection
- Privacy Mask
- Firmware Upgrade
- Factory Default
- Reboot

SAMBA

- Notification
- Subcast
- Date / Time
- IP Filtering
- Storage

Samba Setting

Active Enable Disable

Samba Authentication Enable Disable

User Name

Password

Path (e.g./folder)

Recycle Record Enable Disable

Remaining SAMBA Capacity

Shared Folder Size

Used Space: 0MB Free Spaces: 0MB

SAMBA Setting

Active

Samba Authentication

Username

Password

Path

Recycle Record

Remaining SAMBA Capacity

Shared Folder Size (MB)

Enable/Disable

Enable/Disable

The username

The password

To specify the IP address of the computer that you want to share with and the file name, i.e. 192.168.0.X/xxx

Enable for the last record file to mantle the first record file.

The remaining capacity can be record.

The total capacity of the folder. Always remember to set the size of the folder to avoid exhaustion of disk capacity.

Notification Setting

Notification of IP address Change	
SMTP Notification	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
SMTP SendTo	<input type="text"/>
SMTP Subject	<input type="text"/>
FTP Notification	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
FTP Server	<input type="text"/>
FTP Port	21
FTP Upload Path	<input type="text"/>
FTP Login Name	<input type="text"/>
FTP Login Password	<input type="text"/>
HTTP Notification	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Server	http://
Port	80
Parameter	<input type="text"/>
User Name	<input type="text"/>
Password	<input type="text"/>
Proxy Address	<input type="text"/>
Proxy Port	3128
Proxy username	<input type="text"/>
Proxy Password	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

SMTP Notification

SMTP Notification
SMTP SendTo
SMTP Subject

Notification via SMTP mail server
The recipient, i.e. xxx@xxx.com
Mail subject

FTP Notification

FTP Server
FTP Port
FTP Upload path
FTP Login name
FTP Login Password

FTP Server name.
FTP port. The default setting is 21 (recommended).
The path to upload files.
The name to log in the FTP.
The password to log in the FTP.

HTTP Notification

Server
Port
Parameter

The address of the server, i.e. http://.
The port to access HTTP. The default setting is 80 (recommended).
The setting of the parameters, refer to the installation setting of your HTTP server.

NOTE : Refer to the installation setting of your HTTP server for the setting of the parameters (Such as Username, Password, and Proxy).

Multicast Setting

Multicast Setting

H264 (Main Stream)

Enable On Off

Video Address 224.1.1.1 (224.1.1 - 229.255.255.255)

Video Port 1234 (0-65534, Even)

Video TTL 5 (1-255)

Audio Address 224.1.1.1 (224.1.1 - 229.255.255.255)

Audio Port 1236 (0-65534, Even)

Audio TTL 5 (1-255)

Event Address 224.1.1.1 (224.1.1 - 229.255.255.255)

Event Port 1238 (0-65534, Even)

Event TTL 5 (1-255)

H264 (Sub Stream)

Enable On Off

Video Address 224.1.1.2 (224.1.1 - 229.255.255.255)

Video Port 1234 (0-65534, Even)

Video TTL 5 (1-255)

Audio Address 224.1.1.2 (224.1.1 - 229.255.255.255)

Audio Port 1236 (0-65534, Even)

Audio TTL 5 (1-255)

Event Address 224.1.1.2 (224.1.1 - 229.255.255.255)

Event Port 1238 (0-65534, Even)

Event TTL 5 (1-255)

Motion JPEG

Enable On Off

Video Address 224.1.1.3 (224.1.1 - 229.255.255.255)

Video Port 1234 (0-65534, Even)

Video TTL 5 (1-255)

Audio Address 224.1.1.3 (224.1.1 - 229.255.255.255)

Audio Port 1236 (0-65534, Even)

Audio TTL 5 (1-255)

Event Address 224.1.1.3 (224.1.1 - 229.255.255.255)

Event Port 1238 (0-65534, Even)

Event TTL 5 (1-255)

Save Reset

This function allows multiple people to watch video streaming without limited in the number of users, but is only applicable to the LAN environment. Video streaming format (H.264) is depended on the selected image format setting in **Basic Setting** → **Video/Image** → **Video Format**.

Date / Time

Date / Time Setting

Server Time
Date: 2012-08-31 Time: 16:18:49

PC Time
Date: 2012-08-31 Time: 16:19:00

Time Setting
Set Time Synchronize with PC's time NTP User Input
NTP Server 1 198.123.30.132
NTP Server 2 192.43.244.18
NTP Server 3 133.100.9.2
Date 2012-08-31
Time 16:18:50
Time Zone GMT+08:00 Taipei
Daylight Saving Time Enable Disable Auto

Daylight Saving Time
Start Time: 02:00 on Sunday, January
Switch from: 02:00 To 03:00
End Time: 03:00 on Sunday, January
Switch from: 03:00 To 02:00

Save Reset

Server Time The date and time of the server.
 PC Time The date and time of your PC.
 Time Setting Date and time setting.
 Daylight Saving Time Set the Daylight saving time.

NOTE : The default NTP servers as below:

NTP Server 1: 198.123.30.132

NTP Server 2: 192.43.244.18

NTP Server 3: 133.100.9.2

IP Filtering

General

IP Filtering Enable/disable
Policy Allow/deny

Filter IP Address (Overview of the setting for IPs)

Add Enter the IP address that you allowed or denied it.
Remove Remove the IP address existed.
Remove All Remove all of the IP address existed.

NOTE : 1. Actions that may cause a limited connection are to be denied.
2. Improper use of this function may cause disconnection from Internet.
You might need to use hardware reset to reset to the factory default.
Please refer to the "Factory Default" for details.

Storage

It is used to identify and monitor the status of the SD card. It shows the size of the SD card and how much free space is available for storage. It is also used to format SD cards for local storage.

Follow the instructions to add events on SD card:

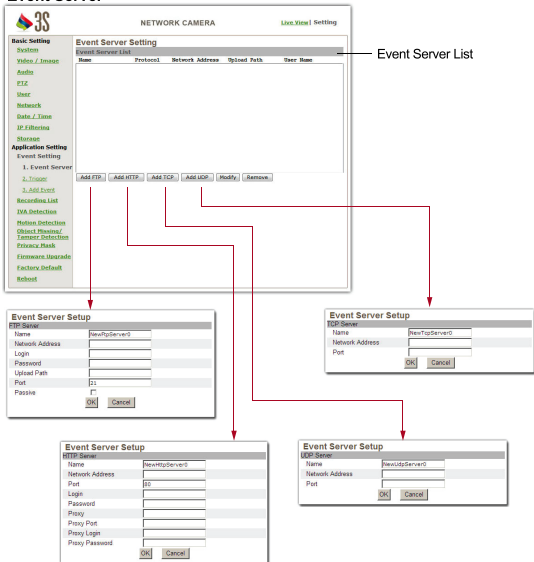
Application Setting → Event Setting → Add Event → Upload video/image to server → SD Card

NOTE : No SD/SDHC Card Slot & Local Storage Function apply for Argentina.

Application Setting

Event Setting

Event Server



Event Server List

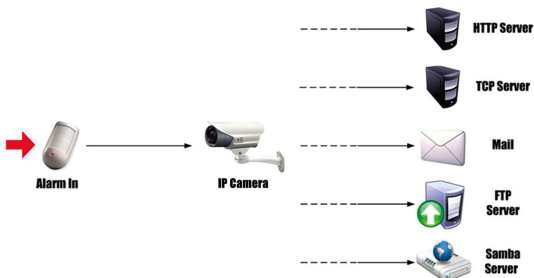
- Add FTP Enter the information of the FTP server you specified.
- Add HTTP Enter the information of the HTTP server you specified.
- Add TCP Enter the information of the TCP server you specified.
- Add UDP Enter the information of the UDP server you specified.
- Modify Modifies the setting value
- Delete Removes the setting value

Trigger Setting

Whenever the camera detected abnormal events during the scheduled time, it will respond by active trigger automatically.

There are 2 types for the trigger response : Alarm messages sending and emailing.
Recorded the image to the specify server.

Once you had completed this setting, you may requested to test by manually in this section to ensure all of the functions are working properly.



NOTE : Before you install the hardware for alarm I/O, please set up the Trigger Setting at first.
(Setting > Application Setting > Event > Trigger)

The screenshot shows the 'Trigger Setting' page in the 'NETWORK CAMERA' web interface. The page is divided into 'Basic Setting' and 'Application Setting' sections. The 'Basic Setting' section includes 'Trigger Alarm Input Setting' (Normal Open/Normal Ground), 'Trigger Alarm output' (Save), 'Alarm output1', 'Trigger mail' (Trigger/Clear), 'To mail address', and 'Subject'. The 'Application Setting' section includes 'Trigger FTP' (Set), 'Upload AVI file to FTP server' (Set), 'Trigger HTTP Server' (Set), 'Custom parameters', 'Message', 'Trigger TCP Server' (Set), 'Message', 'Trigger SAMBA' (Set), and 'Path'. On the right side of the screenshot, labels point to these specific settings: 'Trigger Alarm Input Setting', 'Trigger Alarm output', 'Trigger mail', 'Trigger FTP', 'Trigger HTTP Server', 'Trigger TCP Server', and 'Trigger SAMBA'.

Alarm Input Setting
Alarm output Setting

Set the alarm input type.
Click **Trigger** to start the alarm and click **Clear** to stop the alarm.
(Please make sure before you click Clear for close the alarm testing when the trigger testing is done).

Trigger mail

After you enter the email address and subject in the field, click the **Set** to test the mail sending completely.

Trigger FTP
HTTP Server

Click the **Set** to upload AVI files to FTP server to test completely.
After you enter the message in the Message field, click the **Set** to upload the message to HTTP server to test completely.

TCP Server

You can make custom parameters settings completely through **Application Setting > Event > Event Server**.

Trigger SAMBA

After you enter the message in the Message field, click the **Set** to upload the message to TCP server to test completely.

After you enter the Path in the field and click the **Set** to share the folder from your PC.

Add Event

Event List

Event Setting

Schedule Setting

NOTE : 1. It can provide up to 10 event and schedule settings.
 2. The setting pages of Add Event and Add Schedule are the same.
 There is only one difference between them is the Add Schedule setting without the setting for **Trigger by**.

Recording List

Search Conditions

Recording List

Recording Management

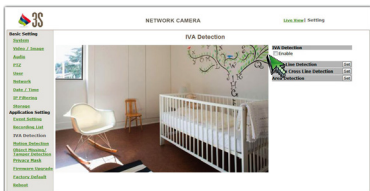
Search Conditions

Search the conditions for the videos or images.

Recording List

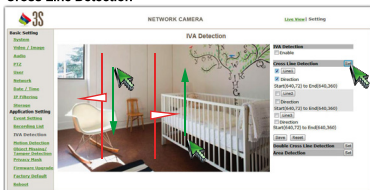
To playback, download or delete the videos and images.

IVA Detection

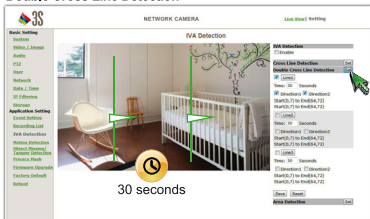


Click the **Enable** to start IVA Detection after the setting had set.

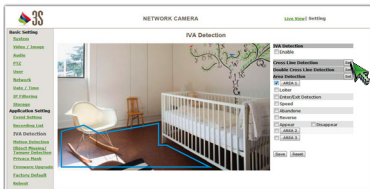
Cross Line Detection



Double Cross Line Detection

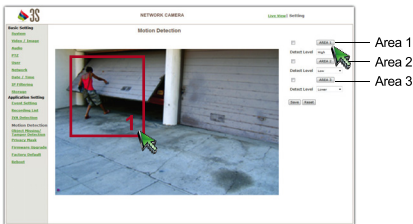


Area Detection



NOTE : This function is available only for 5Megapixel.

Motion Detection



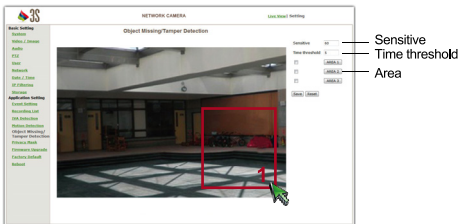
Click the **Area** to open the setting frame and the setting frame will show on your screen.

You can adjust the frame size by move and drag the edge of the frame on the arrow of your mouse, after adjusted click the left button of your mouse.

Area There are 3 frames available for setting: Area 1, Area 2 and Area 3.
Click **Area** to open the detectable area then click the signal checkbox to enable the function.

Detect Level There are 5 levels for you to adjust the area: Lower, Low, Mid, High and Highest.

Object Missing / Tamper Detection



Object Missing / Tamper Detection means that you can set the inside/outside area for detect. Object Missing / Tamper Detection triggered if any object activity in the area that you have set. Click the **Area** to open the setting frame and the setting frame will show on your screen.

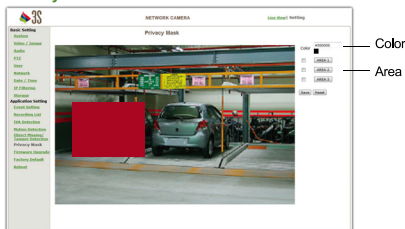
You can adjust the frame size by move and drag the edge of the frame on the arrow of your mouse, after adjusted click the left button of your mouse.

Area There are 3 frames available for setting: Area 1, Area 2 and Area 3.
Click **Area** to open the detectable area then click the signal checkbox to enable the function.

Sensitive Adjust the **Sensitive** of the area by entering the degrees in the field of Sensitive.
The setting range is 0~100. 0 is the least sensitive and 100 is extremely sensitive.

Time threshold Adjust the stay time to detect the object in the area.
The setting range is 0~100 seconds.

Privacy Mask

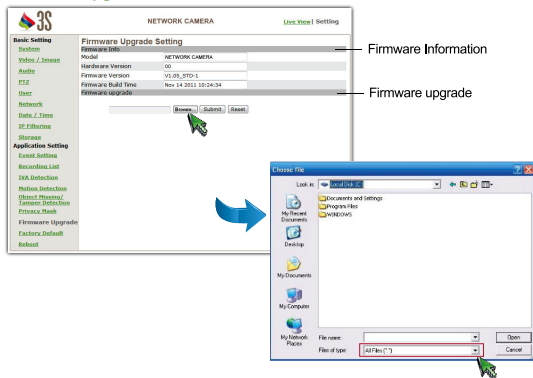


To ensure the confidential, the Network Camera provides the Privacy Mask for you to mask the image in the masked zone.

Color Click the black color to select the color from color-cord table, or input the color-cord to change the color.

Area There are 3 frames available for setting: Area 1, Area 2 and Area 3. Click **Area** to open the detectable area then click the signal checkbox to enable the function.

Firmware Upgrade

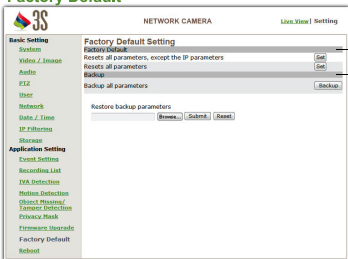


Contact with your dealer for more information about firmware upgrade.

The Network Camera reboots automatically after the firmware has been upgrade completed. Reconnect to the server after 60 seconds.

WARNING : Please close all of the application that you are using on your PC.

Factory Default



Factory Default

Backup

Factory Default

Resets all parameters, except the IP parameters

To reset the Network Camera to the factory default value and all of the changes you have set will be invalid except the IP address and all of the settings which is relation to network will remain the valid.

(Cable and wireless network setting are included.)

Resets all parameters

To reset the Network Camera to the factory default value. All of the changes will be invalid. (IP address is included)

Backup

Back all parameters

To backup all of the changes you have set.

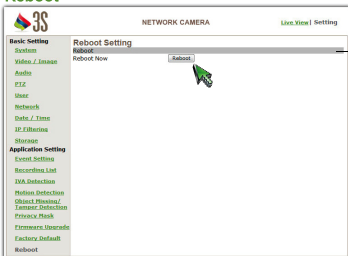
Back up the file named param.bin.

Restore backup parameters

To restore the changes that you have set.

WARNING : Don't change the file name; otherwise, the backup may fail.

Reboot



Reboot

3S surveillance
system
service

www.3Svision.com.tw

