## **IP SETTING**

# User's Manual

## 1. FIRST TIME USE INSTRUCTIONS (read carefully)

## INSTALL NVR

Install **NVR** software. **NVR** is a software utility to find your video server or IP camera on the network.

## WHICH BROWSER TO USE?

We strongly recommend <u>Microsoft IE browser version 6 or higher.</u> Mozilla Firefox and similar others are not guaranteed to work with this product.

## POWER ON VIDEO SERVER

Power on video server by using power adapter provided in the product package. Connect power adapter to 110-220v AC socket.

## CONNECTING TO NETWORK

Connect a standard CAT5 ethernet cable to RJ45 socket on the IP camera or video server and connect other end to your network hub/switch. Make sure the PC you want to access is on the same network domain with the product.

## FACTORY SETTING - INITIAL IP ADDRESS

IP Address: - 192.168.1.2 Gateway: - 192.168.1.1

## 2. ACCESS IP CAMERA

## **BROWSER**

- > Open IE browser
- > Type IP address of IP camera

For ex. default IP is 192.168.1.2

➤ Initial username and password are...

Login: root

Password: pass

Click Login button to go to web view.



## INITIAL USERNAME & PASSWORD

#### Administrator

Default ID/Password = root/pass.

- > Only password is changeable.
- > Full access right to view, control system settings.

#### Guest accounts

- ➤ ID/Password not necessary.
- > Basic view and some action buttons can work.

## VIEWING PAGE

When you log in successfully with ROOT/PASS as <u>administrator</u>, the viewer screen will display as shown below.



For Guest login, the lay-out is the same except the guest user can only view but no control or configure.

 Notice top right corner of viewing page has a toggle button to take you between web configuration page & viewing page. Always click that if you want to move from one page to the other.

- 2. Several controls options are available on the right side.
- OSD is displayed on top left corner of the screen (time, date, camera name)

### CONTROL PANEL SETTINGS

➢ Video/Resolution

Following table describes resolution values for each video format

Resolution	CIF	QCIF	D1
NTSC	352X240	704X480	720X480
PAL	352X288	704X576	720X576

- ➢ Video ∖ Bit rates
  - Choose a particular value and it is applied within few seconds. Video on the screen will pause briefly.

32/64/128/256/384/500/750/1000/1500/2000/3000 (kbps)

- ➤ Audio \ Enable check box
  - Enable or disable function for audio will result in video flicker for a second and then return back to normal. This is not an error.
- P/T/Z controls (will need PTZ controller)

- Z (Zoom): zoom in (+) / zoom out (-).
- Pan/Tilt.
- F (Focus): focus in (+) / focus out (-).
- > Camera Information.
  - Shows video information of the transferred data on the upper left corner of the video screen such as frame rate (fps), channel name, resolution.

#### FPS Name Resolution



- Digital Output
  - When enabled, DO provide contact close and acts purely as a switch.

## 3. WEB INTERFACE SETTINGS



IP camera built-in web interface offers more advanced settings. On the viewing page, click on (top-right) the SETUP ICON to enter server settings page. It is a toggle button to switch between Config and view pages.

#### **IP Surveillance**

<u>Status</u>	Status	
Basic	1	
<u>Network</u> Video	Network Status (Wi	ired)
Event Rule	MAC Address	00:19:6C:30:02:1D
<u>Video Record</u>	IP Address	192.168.1.115
<u>Date / Time</u>	Subnet Mask	255.255.255.0
<u>OSD</u>	Gateway	192.168.1.1
Expert	Default DNS	168.95.1.1
P12 Control		1
DDNS	Model Info	
<u>SMTP/FTP</u>	Model	MPEG-4 Camera
Trigger Setup	Serial Number	J148000441
<u>Account</u> Security	Firmware Version	1.2.1 Build 20070828
Firmware Update	· · · · · · · · · · · · · · · · · · ·	/
Factory Default		
<u>Reboot</u>		
Logout		
-		

(real)

### <u>STATUS</u>

- Initial view of web Config interface is status page.
- Hardware & Firmware information along with network status such as current IP and related details are clearly shown.

#### <u>NOTE</u>

Remember to press "<u>OK</u>" after you have changed settings in a particular settings page which has "OK" button. After few seconds, you can see a confirmation dialog box informing that settings have been updated. Pressing OK will return to the same page.



#### <u>NETWORK</u>

Three configuration types are available for wired network connection STATIC, DYNAMIC & PPPoE.

#### STATIC IP

TR C				
IP Surveillance			Network Vide	o Server 🔟
				~
Status	/ Network			No.
Basic	1			
Network	Static IP	Dynamic IP	PPPoE	i i
<u>Video</u> Event Pule	i			
Video Record	Connection Method	l: Static IP		
<u>Date / Time</u>	IP Address	192.168.1.118		
<u>OSD</u>	Subnet Mask	255.255.255.0		
Expert	1			
Port	Gateway	192.168.1.1		
DDNS	Default DNS	168.95.1.1		i i
SMTP/FTP				1
Trigger Setup	Â.	OK		
Account	· `~			/
Security				
Firmware Update				
Factory Default				
Reboot				
Logout				

IP Address

- Confirm with network administrator.
- Subnet Mask/Gateway/Default DNS
  - Confirm with network administrator.
- > Always click "<u>**OK**</u>" to save changes in a particular page.
- Reboot is required and will be automatically triggered after you press "<u>OK</u>". Wait for count down timer to finish and page will refresh automatically and you should see initial login page.

#### DYNAMIC IP

IP Surveillance			Network Vide	eo Server 🛅
Status	Network			<b>`</b> `
Basic	li –			
Network	Static IP	Dynamic IP	PPPoE	
<u>Video</u>				
<u>Event Rule</u> Video Record	Connection Method	DHCP		
Date / Time	i			
<u>OSD</u>	1			
Expert	l L			
PTZ Control	` <u>`</u>			/
Port .				
DDNS				
<u>SMTP/FTP</u>				
Ingger Setup				
Security				
Eirmware Undate				
Factory Default				
Reboot				
Logout				
Loquut				

- If DHCP server is on LAN and you want to allocate Dynamic IP address, use DHCP.
- ➢ Click "OK" button.
- Reboot is required and will be automatically triggered after you press "<u>OK</u>". Wait for count down timer to finish and page will refresh automatically and you should see initial login page.

#### **PPPoE SETTINGS**

TD C				
IP Surveillance			Network Vide	eo Server 🔳
	,			
Status	Network			Т. С.
Basic	!			
Network	Static IP	Dynamic IP	PPPoE	
<u>Video</u>				
<u>Event Rule</u> <u>Video Record</u>	Connection Method	: xDSL		
<u>Date / Time</u>	User ID	pppoe_user		
OSD	Licer Deceword			
Expert				
<u>PTZ Control</u>	MTU	1412		
<u>Port</u> DDNS	DNS Server	🔿 Manual 💽 Auto		
<u>SMTP/FTP</u>	DNS	168.95.1.1		
Trigger Setup	1	,		
<u>Account</u>	1.			1
<u>Security</u>		UK		
Firmware Update				
Factory Default				
<u>Reboot</u>				
Loqout				

- > PPPoE is used in case network supports PPPoE like xDSL
- Request Internet Service Provider for PPPoE ID/Password
- User ID / Password
  - PPPoE user ID / Password
- Service Name
  - Service name of ISP
- ≻ MTU
  - Maximum transmission unit of data
- > IP address of DNS sever can be set to be created automatically.
- ▶ If xDSL does not use static IP, you should use DHCP.

## <u>VIDEO</u>

TD Supraillance		
TP Surveinance		Network Video Server 📓
Status	Video	🔪 🐴
Basic	i	· · · · · · · · · · · · · · · · · · ·
Network	Video Setting	
Video Event Rule	Video Compression Type	MPEG4
Video Record	Resolution	D1
Date / Time OSD	Frame Type	IP Only
Expert	Bitrate Type	<ul> <li>Constant Bitrate</li> <li>Variable Bitrate</li> </ul>
PTZ Control		2M 💌
DDNS	Frame Per Sec	30
<u>SMTP/FTP</u>	GOP Size	60
Account	Video Field Type	⊙ NTSC ○ PAL Detect
<u>Security</u> Firmware Update	Color Setting	i
Factory Default	View Video	
Reboot	Brightness	- 130 + (0 ~ 255)
Loqout	Contrast	- 70 + (20 ~ 127)

#### **VIDEO SETTINGS**

- Video Compression Type
  - MPEG4 / MJPEG
- ➢ Resolution
  - CIF / QCIF / D1
- ➢ Frame Types

This setting deals with the Group of Pictures (GOP) structure - which could be a combination of I and P frames.

I - I frames - also referred to as Key frames contain information for a complete picture, and can be decoded independent of any other frame. I frames are the largest (and least compressed) frames. Therefore for same quality, they consume high bit rate. P - P frames are encoded using information from the previous I or P frame, and can only be decoded correctly if the previous I / P frame is available. P frames are smaller than I frames.

- I Only / IP Only
- IP Simple Profile Medium bit rates for same quality.
   I Highest bit rates for same quality.
- ➢ Bit rate Type
  - Constant and Variable bit rates control allows flexibility in choosing how much bandwidth is available on network and quality of video required.
- Constant Bit rates
  - 3M / 2M / 1.5M / 1M / 750K / 500K / 384K / 256K / 128K / 64K
     / 32K
- Variable Bit rates
  - $2 \sim 31$  (quality is best in case value is "2")
- ➢ Frame per Second.
  - 1 ~ 30
- ➢ Group Size
  - Adjusts the ration between "I" frames and "P" frames.

Lower the group size better the quality.

- **5** / 10/ 15 / 30 / 60 / 90
- ➢ Video Type
  - NTSC / PAL

#### **COLOR SETTINGS**

Fine adjustments to video quality can be made using more detailed

settings as shown below.

Brightness	- 130	+ (0 ~ 255)
Contrast	- 70	+ (20 ~ 127)
Saturation	- 90	+ (0 ~ 127)
Hue	- 0	+ (0 ~ 255)

#### BRIGHTNESS

Adjusts the image on a scale from darkness to brightness.

#### CONTRAST

Adjusts the extent to which adjacent areas on a video differ in brightness

#### **SATURATION**

Adjusts the chromatic purity of video thereby effecting vividness.

#### HUE

Adjusts the video by effecting color depth

#### **VIDEO PREVIEW**

Preview makes choices easier when tuning video settings for specific locations. By clicking the **View Video** button, you can see the following

Color	Setting	I							
			Stop	Test	Rese	t 🗆	Enable Prev	view	
Click	Stop	to	exit	preview.	You	could	change	other	video
parar	neters	and	d pre	ss <b>TEST</b> to a	see ho	ow the	changes	look lik	e. You

can press **Reset** anytime to return back to the default settings. Click **Enable Preview** checkbox to save the current settings – and its takes effect right after settings have been changed.

#### **CLIENT LIMIT**

Max Client Limit		
Max Number of Clients	10	(0 ~ 10)

Maximum users (client) limit allows users accessing the video stream. For higher bit rates and resolution, the client limit is much lower and vice versa.

- Maximum number of clients can be restricted depending on how much video quality is required and network band with is available.
  - 0 ~ 10 (value 0 means maximum allowable)

## DO NOT FORGET TO PRESS "<u>OK</u>" BUTTON TO SAVE YOUR SETTINGS.

## <u>EVENT</u>

#### **Events handled**

- 1. Digital IN
- 2. Motion Detection
- 3. Periodic Timer

#### Actions supported

1. Digital Output

- 2. PTZ Preset
- 3. E-mail Notification

IP Surveillance		Network Video Server								
Status	Event Rule									
Basic	1 í	1								
Network	Activated Event Rule									
Video	Trigger: Digital Input, Notificat	ion: Digital Output (Parameter:1)								
Event Rule	Trigger: Digital Input, Notificat	ion: PTZ Preset (Parameter:1)								
Video Record	Trigger: Motion Detection, Not	tification: Email Notification								
Date / Time	Trigger: Periodic Timer, Notific	Trigger: Periodic Timer, Notification: Digital Output (Parameter:1)								
<u></u>	Trigger: Periodic Timer, Notific	cation: Email Notification								
expert	Delete									
Piz Control Dort	Delete									
	Triggor and Handlor									
SMTP/FTP										
Triager Setun	Digital Input Digital Out	put [Settings for Email Notification]								
Account	Periodic Timer Email Notif	fication SMTP Port: 25								
Security		Auth User: smtp								
Firmware Update		Recepient's Email:								
actory Default		Sender's Email:								
Reboot		user@smtp.mail.com								
onout		Enable Attachement: No /								
		Change Settings								

#### **EVENTS HANDLED**

#### Motion Detection

If motion is detected on the areas defined on the video stream, an

event will be triggered based on the rule lists.

#### Periodic Timer

In a pre-defined time interval, an event will be triggered based on the rule lists.

#### **ACTIONS TRIGGERED**

#### PTZ Preset

PTZ set to a particular preset value can be triggered based on

occurrence of an event listed out in "Rule Lists".

#### E-mail Notification

E-mail can be sent based on occurrence of an event listed out in

" <u>Rule Lists</u>" .

#### **RULE LISTS - ADDING/DELETING**

Select an event and select corresponding action. Click <u>add</u> button and notice that is added in the <u>Rule lists</u> Information box.

#### **MODIFYING RULE LISTS**

Rule list items can be deleted individually or wholly by clicking Delete

All button.

#### DATE & TIME

IP Surveillance	Network Video Server
Status	/Date / Time
Basic	
Network	Date / Time
Video Event Rule	Server Time 2007-08-11 16:12:11
Video Record Date / Time	Client PC Time 2007 - 8 - 10 16 : 38 : 23
Expert	O Time Server time.windows.com 😪
PTZ Control Port DDNS SMTP/FTP Trigger Setup Account Security Firmware Update Factory Default Reboot Logout	<u>ok</u>

Date and time settings can be changed directly by editing the time fields. Click "<u>OK</u>" after you have made selection.

	New Date /											
	New Date /	2007		E		o	17		10		21	
$\mathbf{U}$	Time	2007	-	5	-	0	11	-	10	1	21	
	THING .		-		-							

- Time zone can be chosen by choosing either of the two time servers listed
- Either of the two time servers can be chosen to synchronize

video server time. They are listed as follows should you choose

Time Server. Click "OK" after you have changed settings.

<ul> <li>Time Server</li> </ul>	time.windows.com 💌
	pool.ntp.org
	time.windows.com
	etc

If you want to manually input time server, choose "etc" then you can find a manual input edit box appear. Key in your preferred time server and click "<u>OK</u>".

۲	Time Server	etc	<b>₩</b>	
	Manual Input		nist1-ny.WiTime.net	

## <u>OSD</u>

Click on your desired choice of color. Values will change accordingly for R, G, and B. If you desire some other color, you can manually define those corresponding R, G, B values in the boxes as appropriate. Position of OSD can be changed by defining the X, Y values. Date & Time can be individually enabled/disable by checkboxes.

IP Surveillance			Network Video Server	- 🗃
Status				
Basic	OSD			<b>`</b>
Network	Text Color			n)
Video Event Rule	Foreground Color			
<u>Video Record</u>	i -			1
Date / Time OSD	Red	255	(0~255)	1
Expert	Green	255	(0~255)	÷.
<u>PTZ Control</u> <u>Port</u>	Blue	255	(0~255)	ł
DDNS	OSD Position			
<u>SMIP/FIP</u> Trigger Setup	XAxis	20		i.
<u>Account</u> Security	Y Axis	10		l.
Firmware Update	Date			
Factory Default Reboot	Enable			į.
Loqout	Time			2
	Enable		/	

Channel name can be shown/hidden by the channel name "Enable" checkbox. It can be manually typed in the "Channel name" text box and changes can be noticed.

IP Surveillance		Network Video S	erver 🛅
Status	Green	255 (0~255)	
Basic	Blue	255 (0~255)	i
Network	1		I
Video Event Pule	OSD Position		
Video Record	X Axis	20	
Date / Time	Y Axis	10	i
OSD	1		I
Expert	Date		
PTZ Control	Enable		
DDNS	<b>T</b>		i
SMTP/FTP	Time		I
Trigger Setup	Enable		
<u>Account</u>	Channel Name		
<u>Security</u>	Fachle		— i
Firmware Opdate	Enaple		I 🔤
Pactory Derault	Channel Name	CAMERA	
Lesout			
LUUUUL		OK	

IP Surveillance		N	etwork Video Server 🛽 🖺
Status	PTZ Control		N
Basic			
Network	Channel 1		
Video			
Event Rule	Channel Model (PTZ Model)	PelcoP 🗸	
Video Record			
Date / Time	Channel ID(Rx Address)	1	
CSD Export	Baud Rate	B9600 🔽	
PT7 Control	Data Bits	8	
Port			
DDNS		none	
SMTP/FTP	Stop Bits	1 💌	
Trigger Setup	1		
Account		_	
Security		OK	
Firmware Update	~		
Factory Default			
<u>Reboot</u>			
Loqout			

- > PTZ model
  - Default is none.
  - PelcoP / PelcoD / Merit-Lilin / Transparent / Eyeview can be chosen.
- ➢ RS-485 Address
  - Give address value default is zero.
- Baud rate / Data bits / Parity / Stop bits
  - Depending on the protocol used, the values of baud and related settings are to be assigned accordingly.

## <u>SERVICES</u>

TD Surveillance		
IF Surveinance		Network Video Server 🔟
Status	SMTP/FTP	
Basic		
Network	Remote SMTP Setup	
Video Event Rule	SMTP Server	smtp.mail.com
<u>Video Record</u>	SMTP Port	25
OSD	Authentication	
Expert	Sender's Email	user@smtp.mail.com
PTZ Control Port	Recepient's Email	user@smtp.mail.com
DDNS	Enable Attachement	
Trigger Setup	Remote FTP Setup	
Account	FTP Server	192.168.1.1
Firmware Update	FTP Port	21
Factory Default	Auth User	ftpuser
Reboot Logout	Login Password	•••••

An e-mail notification & FTP upload service offered by IP Camera / video server notifies events or uploads snapshots to a remote FTP server.

#### **E-MAIL – SMTP SETTINGS**

Fill in the details of SMTP server such as port number, user name, password, server name information. If you would wish to send attached snapshots, please check the appropriate check box.

Sometimes Authentication is not always required by SMTP servers. Wherein only the SMTP server name and e-mail address details are enough to be input.

Remote SMTP Setup	
SMTP Server	smtp.mail.com
SMTP Port	25
Authentication	
Auth User	smtp
Auth Password	•••••
Sender's Email	user@smtp.mail.com
Recepient's Email	user@smtp.mail.com
Enable Attachement	

#### **FTP SETTINGS**

Fill in the details of remote FTP server, port number and user name,

password.

Remote FTP Setup				
FTP Server	192.168.1.1			
FTP Port	21			
Auth User	ftpuser			
Login Password	ftppass			
	OK			

## <u>PORT</u>

The values of WEB and AV port can be changed as necessary.

IP Surveillance		Network Video Server 🛅
		、
Status	Port	1
Basic	1	1
Network	Web	
Video	Web Bert	00
Event Rule	web Port	00
<u>Video Record</u>	Video + Audio	1
Date / Time		
OSD	AV Port	1852
Expert		
PTZ Control	N N	OK /
Port	~	
Trigger Setun		
Account		
Security		
Firmware Update		
Factory Default		
Reboot		
Loqout		

#### Web

➢ Web Port default is 80

#### Video + Audio

> Default is 1852 for video/audio data transmission.

## <u>ACCOUNT</u>

Administrator can create user accounts. Login as an administrator and create user accounts by pressing "**Add**". Each account has PTZ, Video settings and Digital Out privileges. They can be turned on or off anytime by the administrator.

There are limits on user name and password length and will be notified by dialog boxes if the user name/password exceeds or under-runs that limit.

IP Surveillance				
			Network	Video Server
Status	Account			>
Basic	1			
Network	UserID	PTZ V/S D/O		
Video				
Event Rule	root		Password	
<u>Video Record</u>				
Date / Time	Liser ID	Password	Confirm	PT7 V/S D/O
OSD				
Expert				
PTZ Control	1	<b>PP4</b>		
Port	1			
DDNS	Guest Permissio	n		
SMTP/FTP	Enable			
Trigger Setup	LIANC			
Account	· ·			^
<u>Security</u>				
Firmware Update				
Factory Default				
<u>Reboot</u>				
Logout				

For each account, guest permissions can be turned ON/OFF. Any time, an account's settings can be modified by pressing the "Password" button.

## Account

UserID	PTZ	V/S	D/0			
root				Password		
jas1122	<b>V</b>	<b>~</b>	✓	Modify Remove	; F	assword
User ID	••	Passwo ••	ord	Confirm	PTZ	v/s D/O ☑ ☑
			Ado	1		
Guest Permission						
Enable		✓	ОК	]		

Administrator account can also be modified by the same

"Password" button. Any alternation or changes need to be confirmed by pressing "Modify" button. To remove an existing account please press "Remove" button.

## Modify

Modify Password	
ID	jas1122
Old Password	
New Password	•••••
Confirm	•••••
	Modify

#### **Account Limitations**

Administrator can add up to a maximum of 5 users and assign properties for each of them.

#### **Guest Permissions**

➢ Guest account can be turned ON/OFF anytime.

## <u>DDNS</u>

IP Surveillance		Network Video Server 📓
Status		
Basic		
Network	IPv4 DDNS	
Video Sucrt Bula	Enable	
Video Record	Which Service	O ddns.nu 💿 dvndns.org
Date / Time		C
OSD	dyndns.org	
Expert	Hostname	ddnsuser
PTZ Control		ddneuser
Port		
SMTP/FTP	DDNS Password	
Trigger Setup		
Account	$  - N_{\rm c} $	OK
<u>Security</u>	`	
Firmware Update		
Factory Default		
<u>Reboot</u>		
Loqout		

DDNS is the function that maps an IP address to a host name. If IP module is set to dynamic IP address, the host name by DDNS (Dynamic Domain Name Service) must be used instead of the IP address for credibility of network connection.

#### IPv4 DDNS

- Check "Enable" and select a service out of available two.
- Both services are required to register some items on each DDNS service site.
- For use of "ddns.nu" register at www.ddns.nu and for dyndns find the information at dyndns.org

## Trigger Setup

IP Surveillance			Network Vie	deo Server 🔟
Status	Trigger Set	up		
Network Video	Digital Input	Periodic Timer	Motion Detection	Video Loss
Event Rule <u>Video Record</u>	Digital Input			
OSD	Sensor Type	⊙ N.O (Nor	mal Open) 🔿 N.C (Norma	il Close)
Expert PTZ Control Port DDNS SMTP/FTP (ringger Setup) Account Security Firmware Update Factory Default Reboot Logout		[	<u>ж</u>	

Three different types of EVENTS can be configured.

## **Digital INPUT**

Can be Normal OPEN (N.O) or Normal Close (N.C)

Choose based on the type of input and press  $\mathbf{OK}$  to save the settings.

#### PERIODIC TIMER

Timer interval can be set in terms of seconds. This will trigger an event when the time out is achieved.

## Trigger Setup

Digital Input	Periodic Timer	Motion Detection	Video Loss
Periodic Timer			
Time Interval(sec	s) 60		
	[0	ж	

#### MOTION DETECTION

- Detection Area
  - Total viewing screen area is divided into 9 square blocks and each of them is called area 1, area 2 etc., Click specific areas you want motion detection to be enabled. If a detection area is selected color changes to dark gray.

## Trigger Setup

Digital Input	Periodic Timer	Motion Detection	Video Loss
Input Sotting			
Epoble			
Enable			
	1 00-11 155-52 MER: 1	2	3
Detect Area		5	16-1-
		8	9
	Selected (Re Refresh	ed)	

- Sensitivity value
  - Defines sensitivity of the motion detection. The range of the value is 1 to 100.
- Motion Vector value
  - To detect even slightest movement for objects in selected area, please select a lower motion vector value. The range of the value is 3750 to 4650.
- SAD value.
  - To only detect flashing light or any such significant activities on immovable objects, low SAD value should be chosen. In most cases, high SAD level is recommended. The range of the value is 20 to 150.

Sensitivity	20	(1 ~ 100)
Motion Vector	4000	(3750 ~ 4650)
SAD	80	(20 ~ 150)
	O	2

Motion detection enabled areas look as shown below. A simple

click can select any of the boxes on detect area.



## <u>SECURITY</u>

The basic settings are **LOW** by default.

IP Surveillance		Network Video Server 📓
Status	<ul> <li>Security</li> </ul>	· · · · · · · · · · · · · · · · · · ·
Basic	1	
Network	Securit Level	i i i
Video Event Rule	О нібн	Only connections from the local area
<u>Video Record</u> Date / Time		Video and Audio connections from any place; Setting connections from the local area
OSD	⊙ LOW	All connections from any place
Expert		1
PTZ Control		OK
Port	N. S.	
DDNS	· · · · · · · · · · · · · · · · · · ·	
SMTP/FTP		
Trigger Setup		
Account		
Security		
Firmware Opdate		
Factory Detault		
Reboot		
<u>Loqout</u>		

#### ≻ HIGH

■ ONLY LAN connections are allowed.

#### > MEDIUM

 Video and audio connections from any location and settings from LAN are permitted.

#### ► LOW

■ All connections from any location are permitted.

## FIRMWARE UPDATE

IP Surveillance			Network Video	o Server 🛅
	,			
Status	Firmware Upd	ate		1
Basic	1			
Network	Select Language			
Video				
Event Rule	Language File	English	Vpdate	
<u>Video Record</u>				
Date / Time	Firmware Update			
OSD	Firmware File			
Expert	THINWALETHE			1
PTZ Control				1
Port	· ·			
DDNS				
SMTP/FTP				
Trigger Setup				
Account				
Security				
Firmware Update				
Factory Default				
<u>Reboot</u>				
Loqout				

#### Language

 Default settings are in English. A choice of Traditional Chinese is available.

#### Firmware update

 Firmware update binary file can be obtained from our FTP site or in the software CD. Choose that and click upload. When uploading is done, reboot is required and will be automatically triggered.

## 4. FACTORY DEFAULT

After a confirmation dialog box, clicking **OK** button, will load default

settings and do a reboot. You will see the reboot countdown timer running. Once done, you will see the login page. Please login with root/pass.

Windows Internet Explorer 🔀
Are you sure?
OK Cancel

## 5. REBOOT

If you click **OK** on the dialog box, you will see the reboot countdown timer running. Once done, you will see the login page. Please login with root/pass or other appropriate login information.

Windows Internet Explorer 🔀
Are you sure?
OK Cancel

## 6. LOGOUT

To return to the login screen, simply click **logout**. You should see yourself in the login page within seconds.

## 7. FAQ

Q1. Why do I always have the Timeout screen when I try to access



- A1. This is an IE cache issue, please refresh the screen or key in the IP address again. If that doesn't help, clear the IE cookie, files, history and confirmed.
- Q2. I have no PTZ control with NVR2 or WEB UI?
- A2. Please double check the protocol setting for both in the Camera & Video Setting of WEB UI. (Same protocol type, ID & baud rate)
- Q3. I can ping the IP device, but I can not access it on IE?
- A3. There is another network device using the same IP address.Please change the IP address.

\*Please use hardware reset button to restore back factory defaults for any miscellaneous status

IP address through IE?