# **Network Camera User Manual**

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### Statement

The instruction is for guidance only. Detailed information is in accordance with the product.

The instruction may include some technical inaccuracies or typographical error thought it is prepared with our every effort.

The product or procedures described in the instruction may be changed or updated at any time without advance notice.

Screenshots used in the instruction are from the other machine and are only for indications and explanations.

For any doubts or to request documents about latest procedures and complementary notes, please consult with the after-sales service department.

### Precautions

The followings describe information about correct usage and risk prevention as well property loss prevention to be strictly followed.

Please use web cameras in an environment within allowable temperature (-20°C to +55°C) and humidity.

Check if the power supply works normally before operation.

Do not furiously strike on the product and be careful not to fall it over.

Do not install the product in a dusty or moist place, or a place with strong electromagnetic radiation.

Do not place a container or others with liquid on the product or allow liquid flowing into inside the product.

When the product is left unused, place install the preventive dust cover for the image sensor.

Do not disassemble the product without authorization.

# 1. Login Interface

Input the IP address of the front-end device into the IE browser(default IP address is 192.168.1.188) to access the Login interface, as shown in the following figure:

NETWORK CAMERA Real-Time Monitoring System	
Username : admin Password : Plugin Type : IE Plugin	
English	Login Forgot password?

While visiting the IP Camera for the first time, you must install the Active X. Click to download and install Active X, it will pop-up installation control message after clicking, Click "run", install the ActiveX according to the prompt.as shown in the following figure:

Download Plugin		
	NETWORK CAMERA Real-Time Monitoring System	
	Username: Password: Plugin Type : IE Plugin 第	
	English	
Do you want to run or save <b>rtspvide</b>	plugin.exe (1.75 MB) from <b>192.168.96.92</b> ?	×
🕐 This type of file could harm you	r computer.	Run Save 👻 Cancel

After installing the controls, click "login" will prompt you whether to change password, clicking "OK" to modify your password, clicking "cancel" will automatically enter the preview interface, as shown in figure:

NETWORK CAMERA Rad Time Montering System	
Uvernanne admin Password Plugin Type (E Plugin	
来自网页的消益  Do you need to modify your password? Click OK to modify, click Cancel to no longer alert	

User Name: admin (default setting)

Password: blank (default setting) (Note:Users can modify their own password)

Plugin Type: IE Plugin or Flash Plugin. If you use IE browser, then please select IE Plugin to login. While you use other browsers, then select Flash Plugin to login. (Note: Select Flash Plugin without installing Activex control) Select Language: English, implified Chinese, traditional Chinese

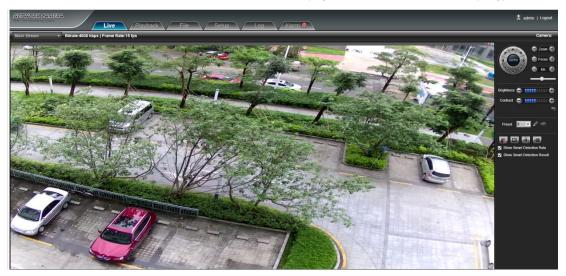
Note: if user sets password and then forgets, click on Forgot password? below the "login", will pop-up password reset window (user name default admin), can return password to factory settings according to the prompt.

password reset		
Username:		
	Next Back	
password reset		
Username:	admin	
Serial No:	02d20123dff3b0e9b744	
Unique Identifier:	7oz71zKW3(4v2ZB0	
Reset Info:		
Warm Tips:	Please contact the manufacturer to provide relevant	
	Information for reset information!	
	Save Back	

# 2. Live view

After login, it will enter into the live preview, as shown in the following figure.

Note: The device need to insert TF card for full function display interface, otherwise, it's for simple type interface.



#### 2.1 Full-screen Preview

Click the full-screen icon in the lower right corner to preview full screen. Or you can click right mouse button to enter and exit the full screen display in the preview interface

#### 2.2 Electronic Zoom-in

It can zoom in the preview image by scrolling the mouse wheel, as shown in the following figure:



#### 2.3 PTZ control



PTZ Control: You can use eight directional keys to rotate front-end devices, and AUTO indicates auto-rotation.

Zoom In/ Out: To adjust degree of zoom in/ out

Focus: To adjust size of focus

Iris: To adjust size of aperture

Speed: Use the slider to regulate the PTZ speed



Brightness: To adjust the brightness of the screen

Contrast: To adjust the contrast of the screen



arrow is used to restore default settings

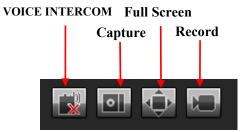


Set A Preset Point: Set a preset point by using directional keys on the PTZ control to rotate the camera to the desired

location, next select a preset number from the Preset Point drop-down list, and then press 🖉 button.

Call A Preset Point: Call a preset point by selecting a preset number to be called from the Preset Point drop-down list

and press 🖻 button.



Voice Intercom: Click it to enable or disable voice intercom

Capture: Capture for preview. Click the capture icon, it will pop up its storage path automatically

Full Screen: Display the current preview in full screen

Record: Enable or disable preview interface record

Note: X indicates the function is off or disabled

# 3. Playback

Click Playback enter into playback interface, click the icon entering, next select the date time of the calling video in need, then click the icon search, the record video will search automatically, as shown in the following figure:

MERWORK CAM	Eco Playback File Setup Log Alarm S	💄 admin   Logout
Ch ∎ ⊡Dev.1 ∟∎ @rch01		2019-04-20 <b>C</b> 2019 <b>C</b> 400 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b> 40 <b>C</b>
	008 place p	

- Start: Start the current playback
- Stop: Stop the current playback
- Slow: Slow down the playback speed(1/2, 1/4, 1/8, 1/16 times optional)
- Fast: Speed up the playback speed(2, 4, 8, 16 times optional)
- Snapshot: Can be snapshot in playback channel
- Backup: Can be backup video in playback channel
- Frame Play: Single frame to play
- **Full Screen:** Playback video will display with full screen
- **Voice:** Adjust the volume of playback audio

Double-click the slider location, it will start to play the video, or you can click the Start button to playback video

# 4. File Management

Note: The device need to insert TF card for full function display interface, otherwise, it's for simple type interface.

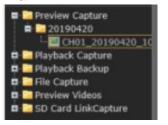


#### 4.1 Search

Input the concrete time, and click the Search button, the lower part displays searched images and videos

#### (double click to display files)

Note: It can modify video or image storage path, and later chapter will make a brief instruction (more details please refer to: Setup ->Local Setting)



#### 4.2 Preview Capture

To review video record preview capture files, search and double click the image files directly.

#### 4.3 Playback Capture

To review video record playback capture files, search and double click the image files directly.

#### 4.4 Playback Backup

To review playback video files, search and double click the video files directly.

#### 4.5 File Capture

To review capture files in file management, search and double click the image files directly.

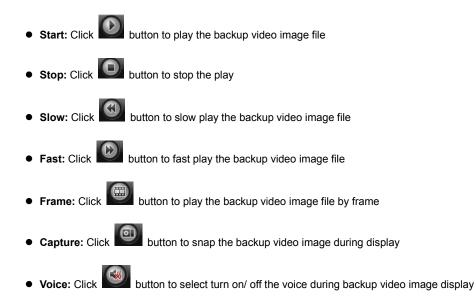
#### 4.6 Preview Videos

To review preview interface video record files, search and double click the video files directly.

#### 4.7 SD Card Link Capture

To review SD Card Link Capture files, search and double click the video files directly.

#### 4.8 Backup Video Play



# 5. Setup

Note:The device need to insert TF card for full function display interface, otherwise, it's for simple type interface.

NEWWORK GAMERA	Live Playback File Setup Log Alarm 🖲
Device Information	
QR Code	
PTZ Settings	
Time Settings	Bevice Information
Audio Settings	Device Name
Display Settings	Device Type IPC
Streams	Secular Station 2 desecond/doc
ROI Settings	Finnare Version (20.0.2010)125
Video Parameters	Hardware Versich, 💯 🧿
Motion Detection	Formatt [PAL_25]ps
Video Tampering	Sw
Privacy Zenes	
Target Count	
Object Left/Lost	
Area Detection	
Line Crossing	
Video Plan	
Network Settings	
HTTP/HTTPS	
RTSP Setting	
Management Platform	
Multicast Config	
DDNS Settings	
UPNP Settings	
EMAIL Settings	
Alarm leput	

#### 5.1 Device Information

IP Camera Device Information interface as shown in the following figure:

NETWORK CAMERA	Live Playback File Setup Log Alarm 8	💄 admin   Logout
Code Code PTZ Settings		
Time Settings	Device Information	
Audio Settings		
Display Settings	Device Name:	
Streams	Device Type: [pc] Serial No: 02090/12920/0393/05/10	
ROI Settings	Firmware Version: V2.0201805023	
Video Parameters	Hardware Version: 1///0	
Motion Detection	Format: PAL 25fps	
Video Tampering	Save	
Privacy Zones		
Video Plan		
Network Settings		
Http/Https		
Management Platform		
Multicast Config		
DDNS Settings		
UPnP Settings		
Email Settings		
Alarm Input		
Alarm Output		
Exception		
User Management		
System Update		
Auto Reboot		
Storage Management		

- Device Name: Edit the camera name
- Device Type: Display the device type
- Serial No : Display the product serial No.
- Firmware Version: Display the software version date (Note: Based on the version information which displayed in

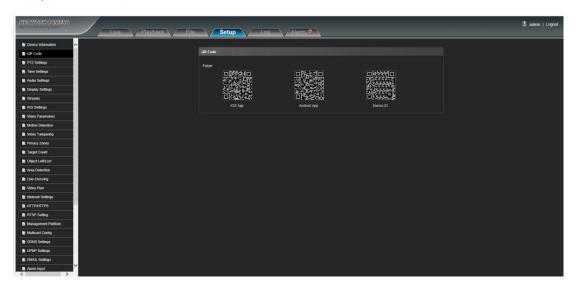
#### factory product)

- Hardware Version: Display the hardware version number
- Format: Switch to select the PAL and NTSC image scanning system

#### 5.2 QR Code

The display interface of QR code of IP Camera is shown as below, iphone users use the "RichScan" browser to scan IOS APP QR code to turn to Fseye downloading interface, Android mobile users use the "RichScan" of browser to scan the Android APP QR code to turn to Fseye downloading interface.Use Fseye mobile client can directly scan the Device ID QR code to login.

(Note: The Device ID QR icon will display only after the opening the corresponding agreement in platform management interface, and it supports QR code at present: Fseye, Fseye is corresponding to Fseye client in platform management interface)



#### 5.3 PTZ Settings

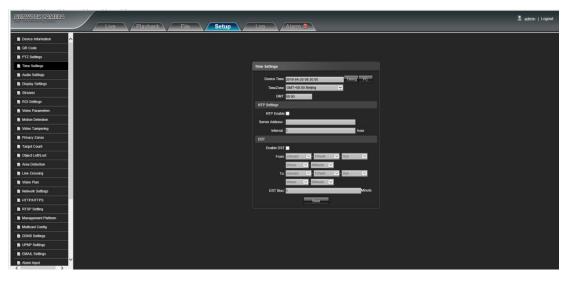
IP Camera PTZ Settings interface as shown in the following figure:

NETWORK CAMERA	Live Playback File Setup Log Alarm 6	🖁 admin   Logout
Device Information     OR Code     PTZ Settings     Trave Settings		
Audio Settings Display Settings	P12 Settings	
Streams ROI Settings	Pedeox etic0	
Video Parameters Notion Detection Video Tampering	Baad Rab (900) V	
Privacy Zenes     Target Count		
Object Left/Lost Area Detection		
Line Crossing     Video Plan     Network Settings		
HTTP/HTTPS     RTSP Setting		
Management Platform Multicast Config		
DDNS Settings     UPNP Settings     EMAIL Settings		
Alarm Input		

- Protocol: Support multiple protocols
- Address: Support 0-255 address code adjustable
- Baud Rate: Support diverse baud rate selectable

#### 5.4 Time Settings

IP Camera Time Settings interface as shown in the following figure:



- Device Time: Set and display the device current time
- Time Zoom: Different area time format selectable
- GMT: Adjust the time more exact
- NTP Enable: Click to determine whether to use NTP
- Server Address: Input NTP server IP address
- Interval: Input the interval time
- Enable DST: Can choose to enable or close the DST function, If in the implementation of daylight saving time region, just click Enable DST
- From: Set begin DST time
- To: Set end DST time
- DST Bias: Set DST offset time

After all parameters setting completed, click "Save" and then it comes into effect immediately.

#### 5.5 Audio Settings

IP Camera Audio Settings interface as shown in the following figure:



- Audio Source: Select the audio input mode, LineIn or MicIn selectable
- Input Volume: Set the size of the input volume, the range of volume:0-100, default is 50
- **Output Volume:** Set the size of the output volume, the range of volume:0-100, default is 50 After complete all parameters setting, click Save and then it will take effect immediately.

#### 5.6 Display Settings

IP Camera Display Settings interface as shown in the following figure.

NETWORK GAMERA	Live Playback File Setup Log Alarm V	💄 admin   Logout
Device Information     GR Code     PTZ Settings		
Time Settings	Display Settings	
Audio Settings		
Display Settings	Name statistical statis	
Streams	Main Stearn OSD	
RCI Settings	Sub Stream OSD 12pt	
Video Parameters	Third Steam GSD 24/1	
Motion Detection		
Video Tampering	Marcel	
Privacy Zones		
Target Count		
Object Left/Lost	TeteFormut 24Hour Cr Show	
Area Detection	DeteFormat WYYMM/DD V Name Casten V	
Line Crossing	Brightness 5. Determine Causton V	
Video Plan		
Network Settings	Salarisko 3 Munoso Custon	
HTTP/HTTPS		
RTSP Setting		
Management Platform	OSD Fort SimSun 💌	
Multicast Config	504	
DDNS Settings		
UPNP Settings		
EMAIL Settings		
Alarm Input		

- Name: Modify the appointed channel name
- Main Stream OSD: Modify the appointed channel font of main stream OSD
- Sub Stream OSD: Modify the appointed channel font of sub stream OSD
- Third Stream OSD: Modify the appointed channel font of third stream OSD
- Multi OSD: Add multi user-defined OSD, it can be selected Show or not
- Time Format: Select different time display mode for the appointed channel

- Date Format: Select different date display mode for the appointed channel
- Brightness: Adjust the brightness for the appointed channel
- Contrast: Adjust the contrast for the appointed channel
- Saturation: Adjust the saturation for the appointed channel
- Hue: Adjust the hue for the appointed channel
- Cyclotron Arrow: Restore the default parameters(Only for Bright, Contrast, Saturation and Hue)
- Name: Set the channel title location for the appointed channel
- Date Time: Set the channel date location for the appointed channel
- Multi OSD:Set the position of multi OSD
- OSD Color: Can set the color of the OSD font
- OSD Font: Optional OSD font

After complete all parameters setting, click Save and then it will take effect immediately

#### 5.7 Streams

IP Camera Streams setting interface as shown in the following figure:

	🛔 admin   Logou
	Live Playback File Setup Log Alarm 3
Device Information	
QR Code	
PTZ Settings	
Time Settings	Streams
Audio Settings	Stream Type Main Stream
Display Settings	
Streams	Video Stream Video LAudo 🗸
ROI Settings	Resolution DP/2552/1944)
Video Parameters	Print Rate 15 V
Motion Detection	Fane Rate 15
Video Tampering	Video Encode H284
Privacy Zones	Encode lows HighProlia
Target Count	
Object Left/Lost	1 Faune Internal 25
Area Detection	Diffusion Types Constant 🗸
Line Crossing	
Video Plan	Bitpute 4 Maps
Network Settings	Save
HTTP/HTTPS	
RTSP Setting	
Management Platform	
Multicast Config	
DDNS Settings	
UPNP Settings	
EMAIL Settings	
Alarm Input	

- Stream Type: Main Stream/ Sub Stream/Third Stream selectable
- Video Stream: Include complex stream/ video stream two types
- Resolution: The camera supports several resolution, will display here(Note:Based on the defaulted resolution of

#### factory products)

- Frame Rate: Select different frame rate in the drop-down list, default is Full Frame
- Video Encode: H.264/ H.265 two kinds of video encode format
- Encode level: There are MainProfile/ Baseline/ HighProfile three types optional
- I frame Interval: Set the I frame interval size
- Bitrate Type: Constant/ Variable selectable
- **Bitrate**: Set different bitrate for different channel(Note:Based on the defaulted resolution of factory products) After complete all parameters setting, click Save and then it will take effect immediately

#### 5.8 ROI Setting

IP Camera ROI setting interface as shown in the following figure:

METWORK GAMERA		Admin	Logout
	Live Playback File Setup	Log Alarm 🕅	
Device Information	<u>^</u>		
QR Code			1
PTZ Settings	·		
Time Settings	ROI Settings		l l
Audio Settings	Areat: Er	nable Level 🔟 🗸 🗸 🗸 🖌	l l
Display Settings	Area2: Er	nable: 🔳 Level 🖬 🧹 🗸 🖌 🖓 👘	l l
Streams	Area3: Er	nable 🔲 Level 🚺 🤟 🖉	
ROI Settings	Area4: Er	nable 🔳 Level 1	
Video Parameters		nable 🔳 Levet 1 🗸 🗸 🖌 🖌 🗸 🖌 🗸	
Motion Detection		nable Level 1 V	
Video Tampering	Area? Er Area8: Er	nadik 🔲 Level 1 🔍	
Privacy Zones		Clar	
Target Count		Św	
Object Lett/Lost		Save	
Area Detection			
Line Crossing			l l
Video Plan			l l
Network Settings			l l
HTTP/HTTPS			
RTSP Setting			
Management Platform			
Multicast Config			
DDNS Settings			
UPNP Settings			
EMAIL Settings			
Alarm Input			

• **ROI Setting:** On the preview window, hold down the left mouse button and drag to set the ROI area. A total of eight ROI areas can be set, click **Enable: I** to set the corresponding ROI region coding level, the higher the level of coding, the stronger the ROI region encoding

After complete all parameters setting, click Save and then it will take effect immediately

#### 5.9 Video Parameters

IP Camera Video Parameters interface as shown in the following figure:

MERWORK GAMERA	Live Playback File Setup Log Alarm	🖁 admin   Logout
Borick Internation     Color     Color	View     Playback     File     Setup     Loc     Alarm. C	
EMAIL Settings     Alarm Input	Sim Sim	

• Day&Night Mode: Outside Trigger/ Auto/ Color/ Black White four kinds of mode selectable. Non infrared IP cameras default mode is Auto, and infrared IP cameras default mode is Outside Trigger. According to the IP camera type and actual scene, user can select the Day&Night mode optional

- Switching Time: Day&Night switch delay time, 0-30s selectable, and default is 3s
- Day-Night: 0-255 selectable, users can adjust it according to the need, default is 20
- Night-Day: 0-255 selectable, users can adjust it according to the need, default is 35

- Color Mode: Normal/ Bright/ Nature three options, default is Normal
- Mirror: Off / Horizontal Mirror/ Vertical Mirror/ 180° Rotation/ 90° Rotation/ 270° Rotation six options, default is Off
- WDR Mode: Off/ BLC/ WDR selectable, default is Off
- 3DNR: Off/ Low/ Mid/ Mid-High/ High five levels, default is Mid
- Sharpness: 0-255 selectable, default is 128
- Defogging: Off/ Low/ Mid/ High four options, default is off
- Slow Shutter: Off/On selectable, default is Off
- White Balance: According to the environment color temperature, users can set the white balance, Auto option for normal light environment, adjust the white balance mode by drop down list selection
- Exposure Control Mode: Auto/ Manual selectable, default is Auto
- AE algorithms: Shutter first/ Gain first selectable, default is Shutter first

• AGC: It can be set when it's automatic exposure, Low/ Mid-Low/ Mid/ Mid-High/ High selectable, default is Mid-High. The higher Auto Gain value, the better sensitivity within low illumination, while the noise will be more obvious

• Shutter: It can be set when it's manual exposure, the shutter value range: 1/30 (25) -1/10000

• Aperture: According to the IPC lens type, the aperture can be divided into manual aperture and auto aperture(note: based on the defaulted aperture of factory products), the lens can be divided into manual focus and semiautomatic focus(note: there is this option when it's equipped with electric lens)

- Gamma: CURVE\_1\_6, CURVE\_1\_8, CURVE\_2\_0, CURVE\_2\_2 totally four modes, default is CURVE\_2\_0
- Power Frequency: Off, 50hz, 60hz three types, the default is Off
- Light board control mode: 3 types of led board control mode: off, manual, auto.defaulted to auto. (Note: No dimmable models do not have this function)

Off mode: The led board can not be control, and it always Off.

**Manual mode:** The led board brightness can be adjusted by manually change the parameters, and the range is 1-100, the higher the parameter value, the brighter the IR led.

**Auto mode:** The image of the camera can be optimum, and it's power can be the minimum by acquiring the current image brightness&exposure & gain, and dynamically adjusting the light brightness.

• **Brightness:** The led board brightness can be set when the led board control is under Manual mode, and the range is 1-100

#### **5.10 Motion Detection**

IP Camera Motion Detection setting interface as shown in the following figure:

METWORK CAMERA	Live Playback File Setup Log	Alarm 8	🙎 admin   Logout
Device Information			
CR Code			
PTZ Settings			
Time Settings	Motion Detection		
Audio Settings	S Enable	Sensitivity: 4 🗸 Week Man 🗸	
Display Settings	Arming Schedule	Area Setting	
Streams		V 59 V	
ROI Settings	Period2 0 V 0 V-0		
Video Parameters	and the second se	states at the states in the second states at a	
Motion Detection	Period3: 0 <u>v</u> 0 <u>v</u> - 0	·····································	
Video Tampering	Perizdt 0		
Privacy Zones	Period5 01 🗸 01 🗸 - 0		
Target Count	Period5 🔲 0. 🔽 0. 🔽 - 0		
Citiect Left/Lost	Period7. 0 0 - 0		
Area Detection	Period: 0 🗸 0 🗸 - 0	Clear Clear	
Line Crossing	Linkage Setting		
Video Plan	Email 🔳 Snap: 🗾 Rec	ord:	
Network Settings	Alarm Output: 1	Snap Interval	
HTTPAHTTPS	PTZ Preset0	Snap Number: 1	
RTSP Setting		Save	
Management Platform			
Multicast Config			
DDNS Settings			
UPNP Settings			
EMAIL Settings			
Alarm leput			

- Enable: Select whether to enable the Motion Detection function
- Sensitivity: The higher sensitivity, the more obvious motion detective effect
- Week: The protection time can be set up from Monday to Sunday
- Arming Schedule: Can set up protection period of time, one day can set up 8 time quantum
- Area Setting: In the "Area Setting" preview interface, press and drag the left mouse button, then set the area needed to be detected
- Clear: Click Clear to clear the current detective areas
- Email: Click Email. Once alarm triggers that it will send Email to appointed mailbox
- Snap: Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card
- Record: Click Record. Once alarm triggers that it will linkage camera to record video and restore it in the TF card
- Alarm Output: There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage
- embedded relay switch to make alarm output
- PTZ: Enable or disable PTZ function
- Preset: When motion detection triggers alarm, it will linkage the presets
- Snap Interval: Set the alarm interval time
- Snap Number: Set the snapshot image count for every time

#### 5.11 Video Tampering

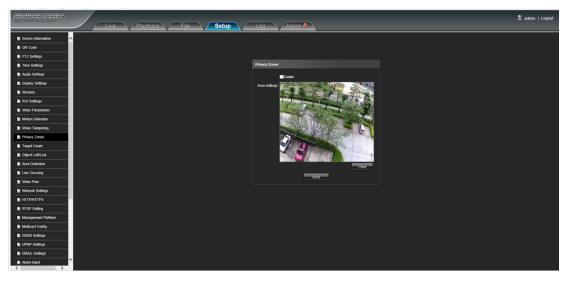
IP Camera Video Tampering setting interface as shown in the following figure:

NETWORK CAMERA	Live Playback File Setup Log Alarm	admin   Logout
Device Information		
QR Code		
PTZ Settings		
Time Settings	Video Tampering	
Audio Settings	📕 Enable Sensblirdy. 🚺 🗹 Week Man 🗹	
Display Settings	Aming Schedule Arias Setting	
Streams		
ROI Settings		
Video Parameters		
Motion Detection	Peter B 0 U 0 U 0 U 0 U	
Video Tampering	Period	
Privacy Zenes		
Target Count	Period5 0 🗸 0 🗸 0 🗸 0 🗸	
Object Left/Lost		
Area Detection		
Line Crossing	Linkage Setting	
Video Plan	Email Strap Mecont Strap Mercuit	
Network Settings	Alarm Dutput: 1	
HTTP/HTTPS	PTZ 🗧 Penel0	
RTSP Setting	574	
Management Platform		
Multicast Config		
DDNS Settings		
UPNP Settings		
EMAIL Settings		
Alarm Input		

- Enable: Select whether to enable the video tampering function
- Sensitivity: The higher the sensitivity, the more easier to trigger the video tampering alarm
- Week: The protection time can be set up from Monday to Sunday
- Arming Schedule: Can set up protection period of time, one day can set up 8 time quantum
- Area Setting: In the "Area Setting" preview interface, press and drag the left mouse button, then set the area needed keeping out alarm
- Clear: Click Clear to clear the current detective areas
- Email: Click Email. Once alarm triggers that it will send Email to appointed mailbox
- Snap: Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card
- Record: Click Record. Once alarm triggers that it will linkage camera to record video and restore it in the TF card
- Alarm Output: There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage
- embedded relay switch to make alarm output
- PTZ: Enable or disable PTZ function
- **Preset:** When Video Tampering triggers alarm, it will linkage the presets
- Snap Interval: Set the alarm interval time
- Snap Number: Set the snapshot image count for every time

#### 5.12 Privacy Zones

IP Camera Privacy Zones setting interface as shown in the following figure:



- Enable: Enable or disable the Privacy Mask function
- Area Settings: Press and drag the left mouse button in the Area Settings preview interface, then draw the check optional to set the mask area
- Clear: Click Clear to delete the current mask area

After complete all parameters setting, click Save and then the settings will take effect immediately

#### 5.13 Target count

IP Camera Target Count setting interface as shown in the follow figure:

				💄 admin   Logout
nere citie scorestrid system	Live Playback File	Setup Log Alarm 😣	<u> </u>	
Device Information				
CR Code				
PTZ Settings				b.
Time Settings	-	Target Count		
Audio Settings		Inable		
Display Settings		Arming Schedule	Area Setting	
Streams		Mon V 0 V 23 V 59 V		
ROI Settings		TUEN 0 V 0 V - 23 V 59 V	A A A A A A A A A A A A A A A A A A A	
Video Parameters				
Motion Detection		Wed V 0 V 23 V 59 V		
Video Tampering		Thu 🗸 0 🗸 0 🗸 23 🗸 59 🗸		
Privacy Zones		Fig 0 v 0 v - 23 v 59 v	7	
Target Count		Sati 🗹 0 💌 0 🔍 - 23 🔍 59 🔍		
Object Left/Lost		Sun 👽 0 🔍 0 🔍 - 23 💙 59 💙		
Area Detection			Drawing Clear Swap AB	
Line Crossing		Setup		
Video Plan		Test line: 1		
Network Settings			B->A: Increase Count Decrease Count Olgnore	
HTTP/HTTPS	-	Flow Count: Enable		
RTSP Setting		Threshold 0.		
Management Platform		Total Count. Enable		
Multicast Config		Time: 0 V 0 V 0 V		
DDNS Settings		Alarm Threshold: 0.0		
UPNP Settings		Target Percent: 0.00000000000000000000000000000000000		
EMAIL Settings		Linkage Setting		
Alarm Input	í literatur de la companya de la com	Email Snap Record	State Interval.	

- Enable: Enable or disable the target counting function
- Arming Schedule: Arm schedule can be set from Monday to Sunday
- Area Setting: Press and drag the left mouse button to set the test line in the Area Settings preview interface, then click the right button to complete the setting, and the targets passing through the line will be counted
- Clear: Click Clear to delete all the test lines
- Exchange  $A \rightarrow B$ : Click to exchange A to B area

• **Test Line:** To add new test lines (support max. 4 test lines), or set the parameter setting for the corresponding test line optional

• Statistics: Set the test lines for targets passing through, there are  $A \rightarrow B$  and  $B \rightarrow A$  two statistical methods.

• Flow Counter: Enable or disable the Flow Counter function

• Interval: Set the counting time interval, when it is more than the time interval, the flow counter will reset and enter into next counting period automatically

• **Threshold:** Set the upper limit value for counting, when it is more than the setting value, it will trigger alarm function automatically

• Total Counter: Enable or disable the Total Counter function

• Time: Set the effective time period for the day's total counter

• Alarm Threshold: Set the upper limit value for the day's total flow, when it is more than the setting value, it will trigger alarm function automatically

• **Target Percent:** Set the min. area percent for the effective counting targets, once the area of targets passing through the test line are smaller than the setting value, it will be invalid without be counted

• Email: Click Email. Once alarm triggers that it will send Email to appointed mailbox

• Snap: Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card

• **Record:** Click Record. Once alarm triggers that it will linkage camera to record video and store it in the TF card.

• Alarm Output: There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output

- PTZ: Enable or disable PTZ function
- Preset: When target counting triggers alarm, it will linkage the presets
- Snap Interval: Set the snapshot interval time
- Snap Number: Set the snapshot image count for every time

#### 5.14 Object left/lost

IP Camera Object Left/Lost setting interface as shown in the follow figure:

NERWORK GAMERA	Live Playback File Setup Log Alarm 8	💄 admin   Logout
Device internation     Device internation     Off Code     PT2 Settings     PT2 Settings     Trans Settings     Device Se		t admi i Lopod
UPNP Settings EMAIL Settings Alarm laput	×	

- Enable: Enable or disable the object detection function
- Arming Schedule: Can be set the arm schedule from Monday to Sunday

• Area Setting: Press and drag the left mouse button to set the detect zone in the Area Settings preview interface, then click the right key to complete the setting, and the objects of this area will be monitored and detected

• Clear: Click Clear to delete all the detect zones.

• Detect Area: To add new detect zone (support max. 4 detect zones), can be set the parameter setting for the corresponding detect zone optional

• **Detect Type:** Set the object detection type, there are three detection types, both of them will trigger alarm. Item lost refers to once the object lost in the detect zone, the camera will trigger alarm. Item left refers to once the new added object detected in the detect zone, the camera will trigger alarm. Item lost or left refers to both of object lost and adding,the camera will trigger alarm.

• **Target Percent:** Set the min. area percent for the object, the area of object is smaller than the setting value, it will be invalid

• **Time:** Set the upper limit value for the item lost and item left, when it is more than the setting value, it will trigger alarm function automatically

• Email: Click Email. Once alarm triggers that it will send Email to appointed mailbox

• Snap: Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card

• **Record:** Click Record. Once alarm triggers that it will linkage camera to record video and store it in the TF card.

• Alarm Output: There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output

- PTZ: Enable or disable PTZ function
- Preset: When object detection triggers alarm, it will linkage the presets
- Snap Interval: Set the snapshot interval time
- Snap Number: Set the snapshot image count for every time

#### 5.15 Area detection

IP Camera Area Detection setting interface as shown in the follow figure:

NETWORK GAMERA	Live Playback File Setup Log Alarm.	💄 admin   Logout
Device Information     QR Code     PTZ Settings		
Time Settings Audio Settings	Area Delection	
Display Settings     Streams	Arming Schedule Area Setting Mort 10 10 10 10 12 12 10 10 1	
ROI Settings     Video Parameters     Motion Detection		
Video Tampering		
Target Count  Object Left/Lost		
Area Detection	Dated byse Detect byse Terror Chains Of Detect byse Terror Detect byse	
Video Plan Network Settings	Time: 2000(1) Linkay Setting	
HTTP/HTTPS     RTSP Setting     Management Platform	Email: Drug: Ricord: Steep Network:	
Multicast Config	Prz Preset	
UPNP Settings EMAIL Settings		
Alarm leput		

- Enable: Enable or disable the area detection function
- Arming Schedule: Can be set the arm schedule from Monday to Sunday

• Area Setting: Press and drag the left mouse button to set the detect zone in the area settings preview interface, then click the right key to complete the setting, and the objects of this area will be monitored and detected

• Clear: Click Clear to delete all the detect zones.

• Detect Area: To add new detect zone (support max 4 detect zones), can be set the parameter setting for the corresponding detect zone optional

• **Detect Type:** Set the target detect type, there are four detect types, all of them will trigger alarm. Target enter refers to once the target enter into the detect zone, the camera will trigger alarm, Target leave refers to the target go out the detect zone, the camera will trigger alarm, Target enter or leave refers to both of them happen, the camera will trigger alarm .When the staying time of target wander target entering into detection area exceeds the upper limit of setting time, it will trigger the alarm

• **Target Percent:** Set the min. area percent for the object, the area of object is smaller than the setting value, it will be invalid

• **Time:** When the staying time of the set target entering into detection area exceeds the upper limit of setting time, it will trigger the alarm

• Email: Click Email. Once alarm triggers that it will send email to appointed mailbox

• Snap: Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card

• **Record:** Click Record. Once alarm triggers that it will linkage camera to record video and store it in the TF card.

• Alarm Output: There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output

- PTZ: Enable or disable PTZ function
- Preset: When area detection triggers alarm, it will linkage the presets
- Snap Interval: Set the snapshot interval time
- Snap Number: Set the snapshot image count for every time

#### 5.16 Line crossing

IP Camera Line Crossing setting interface as shown in the follow figure:

NETWORK CAMERA	Live Playback File	Setup Log Alarm 🐱	2	🙎 admin   Logovit
Device Information     GR Code     PTZ Settings     Time Settings		Line Crossing		
Audio Settings     Display Settings		😴 Enable Arming Schedule	Area Setting	
Streams ROI Settings Video Parameters Motion Detection		Mon.         Q         V         0         V         23         V         59         V           Tue         Q         0         V         0         V         23         V         59         V           West         Q         0         V         0         V         23         V         59         V		
Video Tampering Privacy Zones Target Count		Thur y     0     v     0     v     23     v     59     v       Fit: y     0     v     0     v     23     v     59     v       Siti y     0     v     0     v     -23     v     59     v		
Ctiject Left/Lost  Area Detection  Line Crossing  Video Plan		Settap Detect Area: 1 V Detect type A+>B Alarm	Drawing Clear Swap AB	
Network Settings     HTTP/HTTPS     RTSP Setting     Management Platform		Linkage Setting Email: Snap: Record: Alarm Output: 1 PT2: Preset0	Snap Intervat 1 💙 Snap Number: 1 💙	
Multicast Config  DDNS Settings UPNP Settings			Save	
Airm Input				

- Enable: Enable or disable the virtual guard function
- Arming Schedule: Can be set the arm schedule from Monday to Sunday

• Area Setting: Press and drag the left mouse button to set the guard line in the Area Settings preview interface, then click the right key to complete the setting, and the target passing through the guard line will trigger alarm

- Clear: Click Clear to delete all the detect zones.
- Swap AB:Click "swap AB" to exchange position between A and B

• **Detect Area:** To add new guard line (support max. 4 guard lines), can be set the parameter setting for the corresponding guard lines optional

• **Detect Type:** Set the guard lines to trigger alarm.  $A \rightarrow B$  refers to the targets pass through the guard line from A area to B area and trigger alarm.  $A \leftarrow \rightarrow B$  refers to the targets pass through the guard line from A area to B area or from B area to A area, both of them will trigger alarm.

• **Target Percent:** Set the min. area percent for the object, the area of target passing through the guard line is smaller than the setting value, it will be invalid without triggering alarm

• Email: Click Email. Once alarm triggers that it will send Email to appointed mailbox

• Snap: Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card

• **Record:** Click Record. Once alarm triggers that it will linkage camera to record video and store it in the TF card.

• Alarm Output: There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output

- PTZ: Enable or disable PTZ function
- Preset: When virtual guard triggers alarm, it will linkage the presets
- Snap Interval: Set the snapshot interval time
- Snap Number: Set the snapshot image count for every time

#### 5.17 Video Plan

IP Camera Video plan setting interface as shown in the following figure:

NETWORK CAMERA	Live Playback File Setup Log Alarm S	Logout
EMAIL Settings     Alarm Input		

• Video Mode: Select the video mode, there are Time recording + Alarm recording, Time recording, Alarm recording, No video four modes optional

- Week: You can set the recording time from Monday to Sunday
- Pre Record: Pre-recording time can be set
- Post Record: You can set the recording delay time
- Video Edge IP Address: enter the IP of NVR or server

After complete all parameters setting, click Save and then the settings will take effect immediately

#### 5.18 Network Settings

IP Camera Network Settings interface as shown in the following figure:

NETWORK CAMERA		🚊 admin   Logout
Here statis accounting system.	Live Playback File Setup Log Alarm 🔗	
Device Information		
QR Code		
PTZ Settings		
Time Settings	Network Settings	
Audio Settings	IPv4O Enado PPPOE	
Display Settings	State PP DHCPO Userane	
Streams	IP Address 102160.188 Pessword	
ROI Settings	Subnet Marsk: 255 255 255 0 Contirm Pive	
Video Parameters	Galeway 1923/80.11 PPPOE IP	
Motion Detection	DNS 1: 85.8.8. DNS 2: 82.8.4.4	
Video Tampering	MAC 02ECCC19/03FC	
Privacy Zones	Sw	
Target Count		
Object LethLost		
Area Detection		
Line Cressing		
Video Plan		
Network Settings		
RTSP Setting		
Management Platform		
Multicast Config		
DDNS Settings		
UPNP Settings		
EMAIL Settings		
Alarm Input		

- IPV4: IP protocol version No. is 4
- Static IP: The device IP address is permanent
- DHCP: Enable DHCP, then IP camera will get the IP address from router automatically
- IP Address: Input the corresponding numbers to change the IP address

- Subnet Mask: Input the corresponding IP subnet mask
- Gateway: Input the corresponding gateway address
- DNS 1: DNS server IP address
- DNS 2: DNS server second IP address
- Enable PPPoe: Click to enable PPPoe

User Name: Input the user name

Password: Input the password

Confirm pwd: Input the password again to confirm it

PPPoe IP: Input device dynamic address

After complete all parameters setting, click Save, then the settings will take effect immediately

#### 5.19 Http/Https

IP Camera Http/Https interface as shown in the following figure:

NETWORK CAMERA	Live Playback File Setup Log Alarm S	🖁 admin   Logout
Device Information     GR Code		
PTZ Settings		
Time Settings	нттриттря	
Audio Settings	Ha	
Display Settings	Enate 🔽	
Streams	Port 30	
ROI Settings	High	
Video Parameters	Enatte: 🔽	
Motion Detection	Port-443	
Video Tampering	399	
Privacy Zones		
Target Count		
Object Left/Lost		
Area Detection		
Line Crossing		
Video Plan		
Network Settings		
HTTPIHTTPS		
RTSP Setting		
Management Platform		
Multicast Config		
DDNS Settings		
UPNP Settings		
EMAIL Settings		
Alarm Input		

- Enable: Select whether to enable the http/https
- Http Port: Input the corresponding port ( Default is 80)
- Https Port: Input the corresponding port (Default is 443)

#### 5.20 RTSP Setting

METWORK CAMERA	Log Alarm 🕐
Denics Internation     A     Generation     Generation	
PTZ Settings	
Time Settings	RTSP Setting
Audio Settings	Enuble RTSP. 🗹
Display Settings	RISP Port 254
Streams	RTSP Valdation: 🛂 HTTP-Baxe64 🔳 HTTP-Digest
ROI Settings	RTSP Http Part 2002
Video Parameters	Save
Motion Detection	3019
Video Tampering	
Privacy Zones	
Target Count	
Cobject Lett/Lost	
Area Detection	
Line Crossing	
Video Plan	
Network Settings	
нттриттря	
RTSP Setting	
Management Platform	
Multicast Config	
DDNS Settings	
UPNP Settings	
EMAIL Settings	
Alarm Input	

- Enable RTSP: Click to enable RTSP
- RTSP Port: Use domain name to access and login device need mapping RTSP, default port is 554

• **RTSP Validation:** Choose RTSP verification mode, Http-Base64, Http-Digest selectable. After clicking to check and enable the corresponding RTSP verification mode, When playing RTSP real-time stream, it needs to verify the user name and password

• RTSP Http Port: default port is 8002

After complete all parameters setting, click Save, then the settings will take effect immediately

#### 5.21 Management Platform

IP Camera Management Platform interface as shown in the following figure:

NERWORK GAMERA	Live Playback	File Setup	Log	Alarm		
Device Information	~					
QR Code						
PTZ Settings						
Time Settings	i i i i i i i i i i i i i i i i i i i		Managem	int Platform		
Audio Settings			No.	Protocol	Status	Operation
Display Settings				Fseye	On	Modity
E Streams						
ROI Settings						
Video Parameters						
Motion Detection						
Video Tampering	1					
Privacy Zones						
Target Count						
Object Let/Lost	1					
Area Detection	1					
Line Crossing	1					
Video Plan	1					
Network Settings						
HTTP/HTTPS	/ · · · · · · · · · · · · · · · · · · ·					
RTSP Setting	1					
Management Platform	1					
Multicast Config	1					
DDNS Settings	1					
UPNP Settings	1					
EMAIL Settings	U.					
Alarm leput	1°					

User can open, close the protocol, and modify the protocol information

#### 5.22 Multicast Config

IP Camera Multicast Config interface as shown in the following figure:

NHIWORK CAMBRA	Live Playback File Setup Log Alarm.®	💄 admin   Logout
Device Internation     GR Code     Grade     Grade     Grade     Trate Sattlags     Autor Sattlags     Deploy Sattlags     Deploy Sattlags     Deploy Sattlags     Deploy Sattlags     Note Transmiss     Motion Detection     Webs Transmiss     Motion Detection     Motion Detection     Webs Transmiss     Motion Detection	Buildward Config           Exade Multical           Stream           Water           P Address           1000           Th:           1000           Th:           1000           Th:           1000           Th:           1000           11:           1000	
Line Creasing Video Plan Network Sottings HITPAITTPS HITPAITTPS HITPS Petiting Management Platform Multicult Config CONS Settings		

Default disabling for multicast config. After click"Enable Multicast", users can set IP address,Port and TTL of primary stream video, primary stream audio, sub stream video, sub stream audio, third stream video, third stream audio

#### 5.23 DDNS Setting

DDNS is implemented through a dynamic domain resolution server. It requires a PC running in the Server with fixed IP address on the Internet. IP Camera DDNS setting interface as below figure:

NETWORK CAMERA	Live Playback File Setup Log Alarm 6
Device Information     GR Code     PTZ Settings	
Time Settings	DDNS Settings
Audio Settings	Ender DONG
Display Settings	
Streams	
ROI Settings	Server Address: domo.org/.org
Video Parameters	Port Int
Motion Detection	Usernanos
Video Tampering	Passed and a second a se
Privacy Zones	Continn Prod
Target Count	Donan.
Object Left/Lost	Save
Area Detection	
Line Crossing	
Video Plan	
Network Settings	
HTTP/HTTPS	
RTSP Setting	
Management Platform	
Multicast Config	
DDNS Settings	
UPNP Settings	

- Enable DDNS: Enable or Disable DDNS function
- DDNS Type: Select DDNS server type (There are Dyndns/ PeanutHull/ NO-IP/ 3322/ DnsDynamic five types selectable)
- Status: Select on or off
- Server Address: Input server name, for example, members.3322.org
- Port: Input port.default port is 80
- User Name: Input user name
- Password: Input password
- Confirm pwd: Input the password again to confirm it
- Domain: Input the second domain

After complete parameters setting, click Save and then the settings will take effect immediately

#### 5.24 UPnP Settings

IP Camera UPnP Settings interface as shown in the following figure:

MERWORK CAMERA	📓 admin   Logout
	Live Playback File Setup Log Alarm @
Device Information	
QR Code	
PTZ Settings	
Time Settings	UFWD Settings
Audio Settings	Enable UPNP
Display Settings	In Port Out Port Out P
Streams	A52 Rotun
ROI Settings	
Video Parameters	
Motion Detection	
Video Tampering	
Privacy Zones	
Target Count	
Object Left/Lost	
Area Detection	
Line Crossing	
Video Plan	
Network Settings	
RTSP Setting	
Management Platform	
Multicast Config	
DDNS Settings	
UPNP Settings	
EMAIL Settings	
Alarm Input	

• Enable UPnP: you can choose whether to turn on the UPnP function. When enabled, the device can port mapping through the router.

• Add: optional TCP/UDP protocol, set internal and external port.

#### 5.25 Email Settings

IP Camera Email Settings interface as shown in the following figure:

NETWORK CAMERA	Live Playback File Setup Log Alarm 6
Device Information	
GR Code	
PTZ Settings	EXAML Settings
Time Settings	Sendor's Address
Audio Settings	Pacent
Display Settings	Contram Post
Streams	SMTP Server.
ROI Settings	SMTP Port 0
Video Parameters	BSL Bood Check
Motion Detection	Receiver's Address
Video Tampering	Receiver's Address-
Privacy Zones	Receiver's Address.
Target Count	500
Object Left/Lost	
Area Detection	
Line Crossing	
Video Plan	
Network Settings	
HTTP/HTTPS	
RTSP Setting	
Management Platform	
Multicast Config	
DONS Settings	
UPNP Settings	
EMAIL Settings	
Alarm Input	

- Sender's Address: Input the address of the outbox
- Password: Input the the password of the outbox
- Confirm pwd: Input the password again to confirm it
- SMTP Server: Input the smtp server address of the outbox
- SMTP Port: Input the smtp server port of the outbox

• SSL/Identity verification: Tick SSL and Identity verification to send the email correctly and safely

• Receiver's Address: Input the address of the inbox, fill in the address of receiving email, and can fill in 3 address of receiving email

After complete all parameters setting, click Save and then the settings will take effect immediately

#### 5.26 Alarm Input

IP Camera Alarm Input setting interface as shown in the following figure:

NERWORK GAMIERA		💄 admin   Logout
	Live Playback File Setup Log Alarm 🖲	
Motion Detection	Alarm leput	
Video Tampering		
Privacy Zones	Alarm Ingud:	
Target Count	Alarm In Name (Jarmini)	
Coject Left/Lost	Troper Manually Open	
Area Detection	Week: Man	
Line Crossing		
Video Plan	Arming Schedule	
Network Settings	Period 1 🗸 0 🗸 - 20 🗸 199 🗸	
HTTP/HTTPS	Period2	
RTSP Setting	Period3 🖬 0 🔽 0 🔽 0 🔽	
Management Platform	Period4 📰 0 🔍 0 🔍 0 🔍	
Multicast Config	Period5 🔳 📴 🔽 🛛 🔽 🗇 🔍 🔍	
DDNS Settings	Period5 🔳 0 💙 0 🔽 - 0 💙 0 💙	
UPNP Settings	Period7 0 V 0 V 0 V	
EMAIL Settings		
Alarm Input	Linkage Setting	
Alarm Output		
Exception	Ernailt 📰 Sinap 📰 Record 📰 Alarm Output: 1 📰	
User Management	Shap Internat	
System Update		
Auto Reboot	Strap Number	
Storage Management	PTZ Presotti 🔽	
Restore	Save	
Local Settings		
Developer		
< >		

- Alarm Input: Select the alarm input port, then click Handle : Can implement following parameters settings
- Alarm In Name: Input alarm input name
- Trigger: Select the alarm status: Normally Open/ Normally Close
- Arm Schedule: Alarm schedule can be set from Monday to Sunday, one day can set up 8 time quantum
- Email: Click Email. Once alarm triggers that it will send Email to appointed mailbox
- Snap: Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card
- Record: Click Record. Once alarm triggers that it will linkage camera to record video and restore it in the TF card

• Alarm Output: Click Alarm Output. There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output

- Snap Interval: Set the snapshot interval time
- Snap Number: Set the snapshot image count for every time
- PTZ: Enable or disable PTZ function
- Preset: When alarm input triggers alarm, it will linkage the presets

#### 5.27 Alarm Output

IP Camera Alarm Output setting interface as shown in the following figure:

Live Playback File Set	up Loo Alarm 6
Motion Detection	
Video Tampering	
Privacy Zones	Alarm Output
Target Count	Alarm Output 1
Object Left/Lost	Output Reksy Statuse Mormally Opan
Area Detection	Output Delay: 83
Line Crossing	Save
Video Plan	33/4
Network Settings	
нттриттря	
RTSP Setting	
Management Platform	
Multicast Config	
DONS Settings	
UPNP Settings	
EMAIL Settings	
Alarm Input	
Alarm Output	
Exception	
User Management	
System Update	
Auto Reboot	
Storage Management	
Restore	
Local Settings	
🗈 Developer 🧹	

Output Relay Status: Normally Open/ Normally Close selectable

• Output Delay: Select the alarm output delay time(when alarm trigger is over, it will output corresponding alarm delay time)

After complete all parameters setting, click Save and the settings will take effect immediately

#### 5.28 Exception

IP Camera Exception interface as shown in the following figure:

NEUWORK GAMERA	Live Playback File Setup Log Alarm @
Motion Detection	
Video Tampering	
Privacy Zones	
Target Count	Exception
Object Left/Lost	
Area Detection	Exceptes Type Multiviti Disconnected V
Line Crossing	Si Record Si Alam Oulput
Video Plan	500
Network Settings	
HTTP/HTTPS	
RTSP Setting	
Management Platform	
Multicast Config	
DONS Settings	
UPNP Settings	
EMAIL Settings	
Alarm Input	
Alarm Output	
Exception	
User Management	
System Update	
Auto Reboot	
Storage Management	
Restore	
Local Settings	
Developer	
< >	

• Exception Type: There are Network Disconnected/ IP Address Conflict/ Illegal Access/ three exception types selectable

- Record: Click Record, it will linkage to record video as any exception type triggers
- Alarm Output: Click Alarm Output, it will Linkage other alarm devices as any exception type triggers After complete all parameters setting, click Save and then the settings will take effect immediately

#### 5.29 User Management

IP Camera User Management setting interface as below figure, admin is the administrator (default), default

indicates general users.

NERWORK GAMERA	Live Playback	File Setup	.og /	Alarm 😣 🔪			🛔 admin   Logout
Motion Detection						 	
Video Tampering							
Privacy Zones							
Target Count		1	ser Management				
Object Left/Lost							
Area Detection			Username	User Type	Operation		
Line Crossing			admin guest	Admin Guest	Modify Modify Del Permission		
Video Plan				Add Ut			
Network Settings							
HTTP/HTTPS							
RTSP Setting							
Management Platform							
Multicast Config							
DONS Settings							
UPNP Settings							
EMAIL Settings							
Alarm Input							
Alarm Output							
Exception							
User Management							
System Update							
Auto Reboat							
Storage Management							
Restore							
Local Settings							
Developer	₩						
< >							

• **Modify:** The admin user can modify the login password, the default guest user can modify user type. While the new added user can modify user name, login password and user type. Otherwise, the new added user can select Guest/Operator two types, and set the different permission assignment in the Right Permission setting

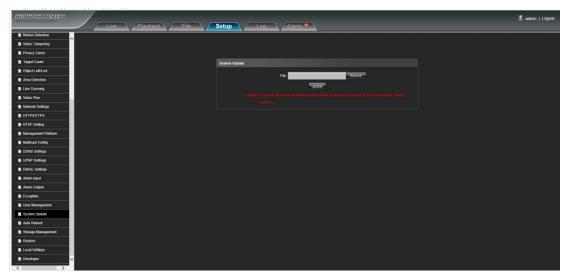
- Del: Delete the new user
- Permission: Permission assignment for the default guest user and new user
- Add User: Add a new user in need

Start up and login permission is accord with default user permission(default), as shown in the following figure:

Remote PTZ	
Remote Playback	
Remote Parameter Settings	
Remote Log Query	
Remote Upgrade and Format	
Voice Talking	
Remote Preview	
Remote Reboot	

#### 5.30 System Update

IP Camera System Update setting interface as shown in the following figure:



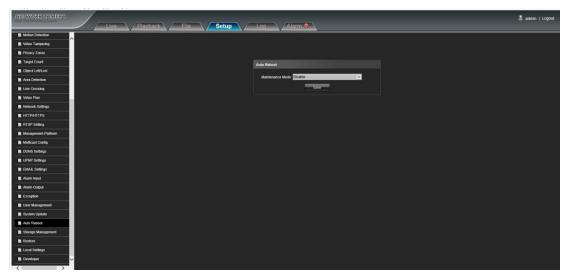
• File: Click Browse to find and select the upgrade kit, then click Update.



Non-technician should not try to operate system upgrade, do not cut off the power during upgrade process.

#### 5.31 Auto Reboot

IP Camera Auto Reboot setting interface as below figure. Select Maintenance Mode, there are Disable/ Every Day/ Every Week/ Once / Every Month five modes optional, then IPC will reboot as appointed mode.



#### 5.32 Storage Management

IP Camera Storage Management setting interface as below figure, you can check current TF card Capacity(MB)/ Free Spare (MB)/ Status, and format TF card. As shown in the following figure:

Note: Please turn off the power supply, before you insert or take out the TF card.

Minwork CAMARA	Log Alarm &	🛔 admin   Logout
Motion Detection		
Nideo Tampering		
Privacy Zones		
Target Count	Storage Management	
Ctriect Lett/Lost		
Area Detection	No. Record Status Capacity(MB) Free Space(MB) Status Type 1 0 29412 27542 Normal Local HDD	
Line Crossing	Format	
Video Flan		
Network Settings		
■ HTTP/HTTPS		
RTSP Setting		
Management Platform		
Multicast Config		
DONS Settings		
UPNP Settings		
EMAIL Settings		
Alarm laput		
Alarm Output		
Exception		
User Management		
System Update		
Auto Reboot		
Storage Management		
Restore		
E Local Settings		
🖹 Densioper 🧹		

#### 5.33 Restore

IP Camera Restore setting interface as shown in the following figure:

MERVORK CAMERA	Live Playback File Setup	Log Alarm	🛔 admin   Logout
Motion Detection			
Video Tampering			
Privacy Zones			
Target Count		Restore	
Object Left/Lost			
Area Detection		Export Config	
Line Crossing		Import Centig	
Video Plan		Restore	
Network Settings		Reboot	
HTTP/HTTPS			
RTSP Setting			
Management Platform			
Multicast Config			
DDNS Settings			
UPNP Settings			
EMAIL Settings			
Alarm Input			
Alarm Output			
Exception			
User Management			
System Update			
Auto Reboot			
Storage Management			
Restore			
Local Settings			
Developer	~		

- Export: Export all configurations to PC or USB
- Import Config:Import selected configuration to the system
- Restore: Restore the factory settings
- Reboot: Reboot the device

#### 5.34 Local Setting

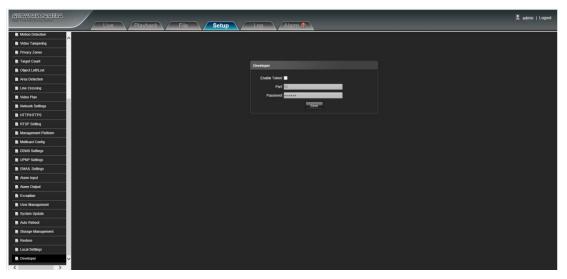
IP Camera Local Setting interface as shown in the following figure:

MERWORK GAMERA	Live Playback File Setup Log Alarm	admin   Logout
Motion Detection		
Video Tampering		
Privacy Zones		
E Target Count	Local Settings	
Object Left/Lost	Window Mode 🕼	
Area Detection	Provide Capital Supervision	
Line Crossing	Physics (course) CPU/VAAX Physics CPU/VAAX	
🗎 Video Plan	File Que Value V	
Network Settings	Backy Control	
нттриттря	Private Web (1982)	
RTSP Setting		
Management Platform		
Multicast Config		
DDNS Settings		
UPNP Settings		
EMAIL Settings		
Alarm Input		
Alarm Output		
Exception		
User Management		
System Update		
Auto Reboot		
Storage Management		
Restore		
Local Settings		
Developer		

- Window Mode: Set the preview window mode(Full/ 4:3/ 16:9/ Original Image optional)
- Preview Capture: Select and modify the preview capture file storage path
- Playback Capture: Select and modify the video record capture file storage path
- File Capture: Select and modify the file management capture file storage path
- Back Up: Select and modify video record backup file storage path
- Preview Video: Select and modify the preview interface video record file storage path
- Live View Mode: Realtime/ Smoothway two types selectable, the value of them can be adjustable After complete all parameters settings, click Save and then the settings will take effect immediately

#### 5.35 Developer

IP Camera Developer interface as shown in the following figure:



# 6. Log

Click Search on the Log interface, check device log according to the video type and date time, as shown in the below figure:

NETWORK GAMERA	Live	Playback Fi	e Setup Lo	og Alarm 🔍		🌡 admin   Logout
Log Search						User Address
Main Type All  Start Time 2019-04-20						
End Time 2019-04-20 Page No. 20						
Search						

• Main Type: Select the log type to check. There are All/ Alarm/ Exception Settings/ Operation / Setup optional, or click All to check all types of them

- Start Time/ End Time: Select the time quantum of log to check
- Page No.: Select the log number of each page to display on the interface After finishing all settings above, click Search and then the log information will display on the left blank area

## 7. Alarm

IP Camera Alarm interface as shown in the following figure, Warns light flashing when camera device inform alarm.

Support kinds of alarms record

# 8. Exit

Click Logout to log out