Network Camera User Manual

1. Login Interface	
2. Live view	
2.1 Full-screen Preview	
2.2 Electronic Zoom-in	
2.3 PTZ Control	
2.4 Show smart detection rule	
3. Playback	
4. Setup	
4.1 Device Information	
4.2 QR Code	
4.3 ePTZ Settings	
4.4 DST Settings	
4.5 Display Settings	
4.6 Encoding	
4.7 Audio Settings	
4.8 Video Parameters	
4.9 Schedule Record	
4.10 Motion Detection	
4.11 Video Tampering	
4.12 Privacy Mask	
4.13 Target Count	
4.14 Object Left/Lost	
4.15 Area Detection	
4.16 Line Crossing	
4.17 Network Settings	
4.18 Platform Management	
4.19 Multicast Config	
4.20 DDNS Settings	
4.21 NTP Settings	
4.22 Email Settings	
4.23 FTP Settings	
4.24 Alarm Input	
4.25 Alarm Output	
4.26 Exception Settings	
4.27 User Management	
4.28 System Update	
4.29 Auto Reboot	

Contents

	4.30 Storage Management	30
	4.31 Restore	30
	4.32 Local Settings	31
5. Fi	le Management	32
	5.1 Search	32
	5.2 Playback Capture	32
	5.3 Backup	33
	5.4 Linkage Capture	33
	5.5 Preview Capture	33
	5.6 File Capture	33
	5.7 Preview Videos	33
	5.8 Backup Video Play	33
6. Lo	og	34
7. E	xit	

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 (-10°C to +50°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.

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:

	Downloading Activex Control, Please click here!	
	NETWORK CAMERA Real-Time Monitoring System	
-	User Name: admin Password: Model: IE ActiveX	
	English v Submit	
	Do you want to run or save rtspvideoplugin.exe (1.33 MB) from 192.168.1.188 ?	Run Save T Cancel X

After installing the Active X, you will be prompted to set the password after click "submit" as shown in the following figure:

NETWORK CAMERA Real-Time Monitoring System	
User Name admin Password Model: IE ActiveX	
English Submit 来自网页的调息 A Please set the password of admin 微定	

Password Settings interface will appear after click "OK", user-defined, max 16 bits of password as shown in the following figure:

Add/Modify User	
User Name: admin	ľ
Password:	password
maxlength:16	
Confirm pwd:	
Save Return	

After succeed in setting the password, it will automatically login into the interface as shown in the following figure:

NETWORK CAMERA Real-Time Monitoring System	
 User Name: admin Password:	
Model: IE ActiveX	
English v Submit	

User Name: admin (default setting)

Password: user-defined, max 16 bits of password

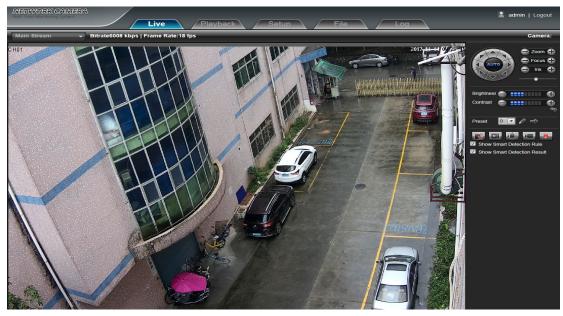
Model: IE ActiveX or Non ActiveX. If you use IE browser, then please select IE ActiveX to login. While you use other browsers, then select Non ActiveX to login. (Note: Select Non ActiveX without installing Activex control)

Select Language: English, implified Chinese, traditional Chinese Click Submit to login.

2. Live view

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

Note: The inserted TF card is for full function display interface, otherwise, it's for simple type interface.

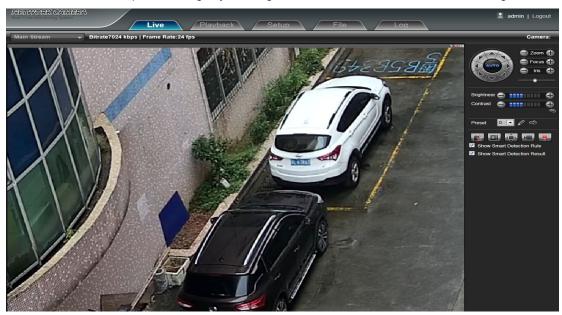


2.1 Full-screen Preview

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 follow 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

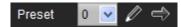
Speed: Use the slider to regulate the PTZ speed



Brightness: To adjust the brightness of the screen **Contrast:** To adjust the contrast of the screen

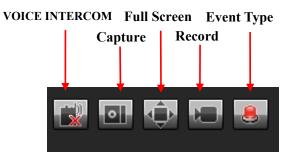
The

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.

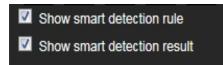
Full Screen: Display the current preview in full screen

Record: Enable or disable preview interface record

Event Type: Enable or disable disarming/ clear alarm

Note: X indicates the function is off or disabled

2.4 Show smart detection rule



Show smart detection rule: choose whether to display intelligent detection types(total four types: Target Count, Object Detection, Area Detection, Virtual Guard).

Show smart detection result: choose whether to display intelligent detection statistical result.

3. Playback

Click Playback enter into playback interface, click the icon CH01, 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 follow figure:



- 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)
- Bast: Speed up the playback speed(2, 4, 8, 16 times optional)
- **Capture:** Can be capture 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

Show smart detection: when the video is to intelligent detect video, it can display intelligent Detection rules and statistical result.

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.

(Note: The device should support TF card storage to enable this function)

4. Setup

Note: The inserted TF card is for full function display interface, otherwise, it's for simple type interface.

NETWORK CAMERA	Setup File Log	🙎 admin Logout
Device Information		
QR Code		
PTZ Settings		
DST Settings	Device Information	
Display Settings		
Encoding	Device Name:	
Audio Settings	Serial No: 0265012327555281a845	
Video Parameters	Firmware Version: 75.0.2017/0325	
Schedule Record	Hardware Version: V91.00	
Motion Detection	Format: PAL 25fps	
Video Tampering	Device Time: 2017-11-16 16:57:26 Timing PC	
Privacy Mask	Save	
Target Count		
Object Left/Lost		
Area Detection		
Line Crossing		
Network Settings		
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		

4.1 Device Information

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



- 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
- Hardware Version: Display the hardware version number
- Format: Switch to select the PAL and NTSC image scanning system
- Device Time: Set and display the device current time

(Note: Based on the Device information which displayed in factory product)

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

4.2 QR Code

The display interface of QR code of IP Camera is shown as below, Use Fseye mobile client can directly scan the Query Device ID QR code to login.

(Note: The 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)



4.3 ePTZ Settings

IP Camera ePTZ Settings interface as shown in the follow figure:

NETWORK CAMERA	/					💄 admin Logout
near fine monitoring system	Live	Playback	Setup	File	Log	
Device Information						
QR Code						
ePTZ Settings						
DST Settings						
Display Settings						
Encoding			ePTZ Settings			
Audio Settings			Protocol: pelcoD			
Video Parameters			Address: 1			
Schedule Record			Baud Rate: 9600			
Motion Detection				Save		
Video Tampering						
Privacy Mask						
Target Count						
Object Left/Lost						
Area Detection						
Line Crossing						
Network Settings						
Platform Management						
Multicast Config						
DDNS Settings						
NTP Settings						
Email Settings						
FTP Settings						
Alarm Input						
Alarm Output						
Exception Settings						
User Management						

- Protocol: Support pelcoD and pelcoP protocol
- Address: Support 0-255 address code adjustable
- Baud Rate: Support diverse baud rate selectable

• **Operation Method:** Connect analog high speed dome at the IP camera AB port, set the protocol and baud rate, and control the high speed dome through IPC preview interface

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

4.4 DST Settings

IP Camera DST Settings interface as shown in the follow figure.



- Enable: Can choose to enable or close the DST function, If in the implementation of daylight saving time region, just click I the enable daylight saving time
- From(Begin time): Set begin DST time
- To(End time): Set end DST time
- DST Bias(Offset time): Set DST offset time, there 30/60/90/120 minutes selectable After complete all parameters setting, click Save and then it will take effect immediately.

4.5 Display Settings

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

Real-Time Monitoring System	Live Playback Setup File Log	💄 admin Logout
	Live Playback Setup File Log	
Device Information		
QR Code		_
ePTZ Settings	Display Settings	
DST Settings	Name: CH01	
Display Settings		
Encoding	Main Stream 24pt	
Audio Settings	Sub Stream	
Video Parameters	OSD.	
Schedule Record	Multiosp:	
Motion Detection	E ■ Show	
Video Tampering	TimeFormat 24-Hour	
Privacy Mask	DateFormat: XXXX-XX-XX Year Month Da	
Target Count	Date: ↑ ← → Brightness: 5 ✓ MultiOSD: 1 ← →	
Dbject Left/Lost		
Area Detection		
Line Crossing	Saturation: 5	
Network Settings	Hue: 5.	
Platform Management	Save	
Multicast Config		J
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		

- 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
- 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
- **Bright:** 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: Set the channel date location for the appointed channel
- Multi OSD: Multi-line OSD characters can be set up the corresponding location
 After complete all parameters setting, click Save and then it will take effect immediately.

4.6 Encoding

IP Camera Encoding setting interface as shown in the follow figure:

NETWORK CAMERA	Playback Setup File Log	💄 admin Logout
Real-Time Monitoring System	Playback Setup File Lot	admin Logout
Multicast Config DDNS Settings NTP Settings Frail Settings Frail Settings Frail Settings Alarm Input Alarm Output Sexeption Settings		
User Management		

- Stream Type: Primary Stream(Normal)/ Sub 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/MJPEG three kinds of video encode format
- H264 Profile: 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 channels (Note:Based on the defaulted bitrate of factory products)

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

4.7 Audio Settings

IP Camera Vudio Settings setting interface as shown in the follow figure:

NETWORK CAMERA	Live	Playback Setup		og	🙎 admin Logout
		/ Playback Setup		bg	
Device Information					
QR Code					
ePTZ Settings					
DST Settings		Audio Settings			
Display Settings		Audio Source:	ine In 💌		
Encoding		Input Volume: 5			
Audio Settings		Output Volume: 5			
Video Parameters		1 × 44 × 100 × 100	Save		
Schedule Record					
Motion Detection					
Video Tampering					
Privacy Mask					
Target Count					
Object Left/Lost					
Area Detection					
Line Crossing					
Network Settings					
Platform Management					
Multicast Config					
DDNS Settings					
NTP Settings					
Email Settings					
FTP Settings					
Alarm Input					
Alarm Output					
Exception Settings					
User Management					

- 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.

4.8 Video Parameters

IP Camera Video Parameters setting interface as shown in the follow figure:

NETWORK CAMERA	ive Playback Setup File Log	🙎 admin Logout
Device Information QR Code		
ePTZ Settings	Video Parameters	
DST Settings	Day&Night Mode	
Display Settings		211-14 01- LAT
Encoding	Switching Time : 3 (0-30)	
Audio Settings	Day-Night 20 (0-255)	
Nideo Parameters	Night-Day: 35 (0-255)	
Schedule Record	Advanced Settings	
Motion Detection	Color Mode: Normal	
Video Tampering		
Privacy Mask	WDR : Off	
Target Count	3DNR : Low	
Dbject Left/Lost	Sharpness: 128 (0-255)	
Area Detection	Defogging: Off	atic
Line Crossing	Slow Shutter: Off	
Network Settings	SNR: 1	
Platform Management	Exposure Control Off	
Multicast Config	Mode: OAuto OManual Light Board Control	
DDNS Settings	AGC: Mid-High Model: Auto	
NTP Settings	Shutter: 1/30(1/25) Shutter: 0 (0-1	00)
Email Settings	Save	
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		

• 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-Ni-Threshold: 0-255 selectable, users can adjust it according to the need, default is 20
- Ni-Day-Threshold: 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/ Horizonal Mirror/ Vertical Mirror/ 180 Rotation/90 Rotation/270 Rotation six options, default is Off

- WDR: Off/ Low/ Mid/ High four options, default is Off
- 3DNR:Off/ Low/ Mid/ Mid-High/ High five levels, default is Low
- 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
- SNR: 1-10 optional, the higher the value, the better the image effect
- Exposure Control Mode: Auto/ Manual selectable, default is Auto

• 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.

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

4.9 Schedule Record

IP Camera Schedule Record setting interface as shown in the follow figure:

NETWORK CAMERA	Live Playback Setup File Log	🙎 admin Logout
Device Information		
QR Code		
ePTZ Settings	Schedule Record	
DST Settings		
Display Settings	Enable	
Encoding	Week: Mon 🔽 🖾 All Day	
Audio Settings	■Period1: 0 💌 0 💌 - 23 💌 29 💌	
Video Parameters	Period2: 0 🐨 0 🐨 0 🐨	
Schedule Record	Period3: Y V J V V J V	
Motion Detection	Period4: 1 💌 1 💌 - 1 💌 1 💌	
Video Tampering		
Privacy Mask		
Target Count	■Period7: 10 💌 10 💌 10 💌	
Dbject Left/Lost		
Area Detection		
Line Crossing	Week Copy: 1/dui	
Network Settings	Save	
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		

• Enable: Set whether to open the recording schedule.

• Week: You can set the recording time from Monday to Sunday; if you want to set all day video, click All Day.

- Recording Time Period: Set the recording time period, one day can be set to 8 time periods.
- Weekly Copy: You can copy the time period for setting the recording.

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

4.10 Motion Detection

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

NETWORK CAMERA	Playback S	etup File	Log	💄 admin Logout
Device Information QR Code				
ePTZ Settings	Motion Detection			
DST Settings	Enable	Sensitivity:	Week Monday	
Display Settings	Arming Schedule	Area Setting		
Encoding	Period1: 0 - 2		2017-11-14 Http://	
Audio Settings				
Video Parameters	Period2: 1 - 1 - 1	V 0 V		
Schedule Record	Period3: 0 💌 0 💌 - 0	¥ 0 ¥		
Motion Detection	Period4: 1 👻 1 💌 - 1			
Video Tampering	Period5: 5 💌 5 💌 - 9			
Privacy Mask	Period6: 0 - 0			
Target Count	Period7: 0 👻 0 💌 - 0	- 0 -		
Object Left/Lost	Period8: 5 💌 5 💌 - 5	¥ 0 ¥	Clear	
Area Detection	Linkage Setting			
Line Crossing	Email: Snap: Record:	Alarm Output:		
Network Settings	Small Video:	Shap Interval:		
Platform Management	PTZ: Preset	Snap Number:	4	
Multicast Config		Save		
DDNS Settings		Save		
NTP Settings				
Email Settings				
FTP Settings				
Alarm Input				
Alarm Output				
Exception Settings				
User Management				

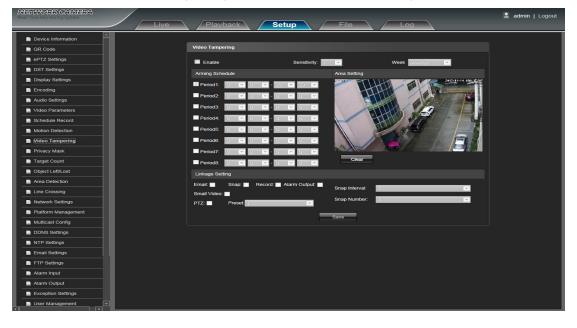
• Enable: Select whether to enable the Motion Detection function.

- 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: Press and drag the left mouse button in the Mask Set preview interface, then draw the small check optional to set the detective areas
- 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
- Small Video: After alarm triggered, linkage device video will be sent to appointed email in about 10s
- PTZ: Enable or disable PTZ function
- Preset: When motion 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

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

4.11 Video Tampering

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



- Enable: Select whether to enable the Video Tampering function.
- Sensitivity: The higher the sensitivity, the more easier to trigger the video block 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: Press and drag the left mouse button in the Mask Set preview interface, then draw the small check optional to set the detective areas

- 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.

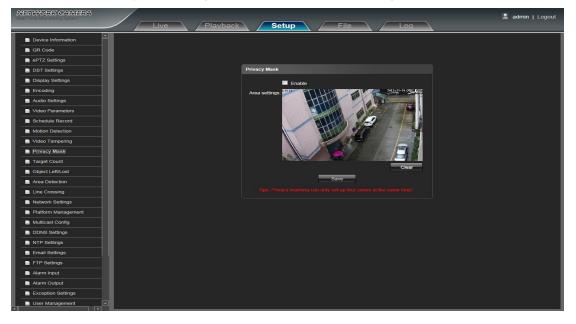
• Alarm Output: There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output

- Small Video: After alarm triggered, linkage device video will be sent to appointed email in about 10s
- PTZ: Enable or disable PTZ function
- Preset: When Video Tampering triggers alarm, it will linkage the presets
- Snap Interval: Set the snapshot interval time
- Snap Number: Set the snapshot image count for every time

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

4.12 Privacy Mask

IP Camera Privacy Mask setting interface as shown in the follow 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.

4.13 Target Count

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

Real-Time Monitoring System		💄 admin Logout
Live	Playback Setup File Log	
Device Information		l i i i i i i i i i i i i i i i i i i i
GR Code	Target Count	
ePTZ Settings	V Enable	
DST Settings	Arming Schedule Area Setting	
Display Settings	2012:11-14 //12:2012	
Encoding		
Audio Settings	☑ Tue: 0 ▼ 0 ▼ - 23 ▼ 59 ▼	
Video Parameters	☑ Wed: 0 ▼ 0 ▼ - 23 ▼ 59 ▼	
Schedule Record	☑ Thu: 0 ▼ 0 ▼ - 23 ▼ 59 ▼	
Motion Detection	🗹 Fri: 0 💌 0 🔍 - 23 💌 59 💌	
Video Tampering	🗹 Sat. 0 🔻 0 👻 - 23 💌 59 💌	
Privacy Mask	🗹 Sun: 0 💌 0 🔍 - 23 🔍 59 👻	
Target Count	Drawing Clear	
Dbject Left/Lost	Setup	
Area Detection	Test line: 1	
Line Crossing	Statistics: A->B: OIncrease Count B->A: OIncrease Count OIgnore	
Network Settings	Flow Counter: Enable	
Platform Management	Threshold:	
Multicast Config	Total Counter: Enable	
DDNS Settings	Time : 0 💌 0 💌 0 💌	
NTP Settings	Alarm Threshold:	
Email Settings	Target Percent : 0	
FTP Settings	Linkage Setting	
📄 Alarm Input	Email: Snap: Record: Alarm Output: Snap Interval: 1	
Alarm Output	Small Video:	
Exception Settings	PTZ: Preset: F	
User Management	Save	

- 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
- **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

- Small Video: After alarm triggered, linkage device video will be sent to appointed email in about 10s
- 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

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

4.14 Object Left/Lost

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

Real-Time Monitoring System Live	Playback Setup		💄 admin Logout
	- Trayback - Setup		
Device Information	Object Left/Lost		
QR Code	Object LenzLost		
ePTZ Settings	Z Enable		
DST Settings	Arming Schedule	Area Setting	
Display Settings	Mon: 0 🔻 0 🔻 - 23 💌 59 💌	2012-11-14 10-12-12	
Encoding	Tue: 0 • 0 • - 23 • 59 •		
Audio Settings	☑ Wed: 0 ▼ 0 ▼ - 23 ▼ 59 ▼		
Video Parameters			
Schedule Record			
Motion Detection	✓ Fri: 0 ▼ 0 ▼ - 23 ▼ 59 ▼		
Video Tampering	🗹 Sat: 0 💌 0 💌 - 23 💌 59 💌		
Privacy Mask	🗹 Sun: 0 💌 0 💌 - 23 💌 59 💌		
Target Count		Drawing Clear	
Dbject Left/Lost	Setup		
Area Detection		object Percent: 0 (0-10000) Time : 0 (s)	
Line Crossing	Linkage Setting		
Network Settings	Email: E Snap: Record: Alarm Output: Small Video:	Snap Interval: 1	
Platform Management	PTZ: Preset 1	Snap Number: 1	
Multicast Config			
DDNS Settings		Save	
NTP Settings			
Email Settings			
FTP Settings			
Alarm Input			
Alarm Output			
Exception Settings			
User Management			

- 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

- Small Video: After alarm triggered, linkage device video will be sent to appointed email in about 10s
- 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

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

4.15 Area Detection

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

NETWORK CAMERA			🙎 admin Logout
Live	Playback Setup	File Log	
Device Information			
GR Code	Area Detection		
ePTZ Settings	Z Enable		
DST Settings	Arming Schedule	Area Setting	
Display Settings	Mon: 0 • 0 • - 23 • 59 •	2417-11-14 Alter 2017	
Encoding			
Audio Settings	✓ Tue: 0 • 0 • - 23 • 59 •		
Video Parameters	Wed: 0 • 0 • - 23 • 59 •		
Schedule Record	🗹 Thu: 0 💌 0 💌 - 23 💌 59 💌		
Motion Detection	🗹 Fri: 0 💌 0 💌 - 23 💌 59 💌		
Video Tampering	🗹 Sat: 0 💌 0 💌 - 23 💌 59 💌		
Privacy Mask	🗹 Sun: 0 💌 0 💌 - 23 💌 59 💌		
Target Count		Drawing Clear	
Object Left/Lost	Setup		
Area Detection		ject Percent: 0 (0-10000) Time : 0 (s)	
Line Crossing	Linkage Setting		
Network Settings	Ernail: 🗾 Snap: 🔲 Record: 🖬 Alarm Output: 🔚	Snap Interval: 1	
Platform Management	Small Video:	Snap Number: 1	
Multicast Config	PTZ: Preset:		
DDNS Settings		Save	
NTP Settings			
Email Settings			
FTP Settings			
Alarm Input			
Alarm Output			
Exception Settings			
User Management			

- 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

- Small Video: After alarm triggered, linkage device video will be sent to appointed email in about 10s
- 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

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

4.16 Line Crossing

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

Real-Time Monitoring System	Live Playba	ck Setup	File	🚊 admin Logout
		ck Setup		
Device Information				_
CR Code	Line Crossing			_
ePTZ Settings	C Enable			
DST Settings	Arming Schedu	le	Area Setting	
Display Settings	Mon: D	▼ 0 ▼ - 23 ▼ 59 ▼	2-17-11-14 PPC-14-14 PPC-14-	
Encoding				
Audio Settings				
Video Parameters	₩ed: 0	▼ 0 ▼ - 23 ▼ 59 ▼		
Schedule Record	Thu: 0	▼ 0 ▼ - 23 ▼ 59 ▼		
Motion Detection	Fri: 0	▼ 0 ▼ - 23 ▼ 59 ▼		
Video Tampering	Sat: 0	▼ 0 ▼ - 23 ▼ 59 ▼		
Privacy Mask	Sun: 0	▼ 0 ▼ - 23 ▼ 59 ▼		
Target Count			Drawing Clear Swap AB	
Object Left/Lost	Setup			
Area Detection	Detect Area: 1		Object Percent: 0 (0-10000)	
Line Crossing	Linkage Setting			
Network Settings	Email: 📰 S Small Video: 📰	inap: 🔲 Record: 🔜 Alarm Output: 📄	Snap Interval: 1	
Platform Management		Preset 🕤 👻	Snap Number: 1	
Multicast Config	F 12-1			
DDNS Settings			Save	
NTP Settings				
Email Settings				
FTP Settings				
Alarm Input				
Alarm Output				
Exception Settings				
User Management				

- 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

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

4.17 Network Settings

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

NETWORK CAMERA	Playback Setup File Log	💄 admin Logout
Device Information OR Code erzz Settings		
DST Settings	Network Settings	
Display Settings	HTTP Port 80	
Encoding	HTTPS Port. 443	
Audio Settings	IPV4O RTSP Port: 554	
Video Parameters	Static IPO DHCPO RTSP Validation: Http-Base64 Http-Digest IP Address : 192.168.1.188 RTMP Port: 1935	
Schedule Record	Subnet Mask: 255.255.0 Enable UPnP:	
Motion Detection	Gateway: 192:168.1.1 Device Port: 5050	
Video Tampering	DNS 1: 202.210.230.255 Enable PPPoE:	
Privacy Mask	DNS 2: 202.210.255.255 User Name: MAC: Leff8b0/f6/se134 Password:	
Target Count	Confirm Pwd:	
Dbject Left/Lost	PPPoE IP: 100.100.100	
Area Detection	Save	
Line Crossing		
Network Settings		
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		

- 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
- **HTTP Port:** Input the corresponding port (Default is 80)
- **HTTPS Port:** Input the corresponding port (Default is 443)
- 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

• **RTMP Port:** Use domain name to access and login device need mapping RTMP, default port is 1935

• Enable UPnp: Enable UPnp, then device port and HTTP port will be mapped to the router automatically

• Device Port: Input the corresponding device port(Default is 5050)

• 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.

4.18 Platform Management

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

Device Information C 0 GR Code err 23 setings 0 B3T setings Encoding 0 Display Setings Eact Device 0 Kodo Parameters Status Operation 1 Motion Detection Status Operation 0 Object Leff.cont Dasable Eact Device 0 Motion Detection Status Operation 0 Object Leff.cont Status Dasable 0 Object Leff.cont Status Dasable 0 Object Leff.cont Status Disable 0 Disable Eat Device 0 Object Leff.cont Status 0 Object Leff.cont Status 0 Object Leff.cont Status 0 Atum Toput Atum Toput 0 Atum Toput Atum Toput 0 Atum Toput Status<	NERWORK CAMERA	Live	Playback	Se	etup	File	Log	💄 admin Logou
 Or Code Or T2 Settings Obst Settings Display Settings Auto Settings Schedulk Roord Schedulk Roord Schedulk Roord Ndoo Tangering Pricey Nark Target Court Display Settings Network Settings Network Settings Pider Management Mulcatat Config Schedulk Roga Fit7 Settings Enroge Fit7 Settings Schedulk Roga Margament Pitatom 			Flayback	30				
 erT2 Settings Didplay Settings Didplay Settings Encoding Audio Settings Video Farametera Schedide Recodi Motion Detection Schedide Recodi Motion Tenepring Procy Mask Targiet Count Object LeftLoat Network Settings Network Settings Network Settings Network Settings Network Settings Nethering Hamagement Muticant Config Muticant Config Muticant Settings Network Settings Settingting Management Muticant Config Muti								
 Dist Settings Display Settings Encoding Audio Settings Voleo Parameters Stadula Recod Motion Detection Obstable Edit Delete Cati Delete<td>QR Code</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td>	QR Code							
India Settings Encoding Audio Settings Video Parameters Schedule Record Midion Detection Video Tampering Privacy Mask Target Count Olseit LeffLost Acea Detection Notes Resings Privacy Mask Acea Detection Notes Tampering Disable Carl Detecte Target Count Disect LeffLost Multicast Corings Pitacy Mangement Atam Detection Atam Topol Bitrys Pitacy Mask Acea Detection Nutry Settings Pitacy Mask Pitacy Mask Acea Detection Nutry Settings Pitacy Mangement Multicast Corings Fit7 Settings Atam Input Atam Cutput Atam Cutput User Management User Management	ePTZ Settings							
Encoding induces Operation 0. vidio Settings End Delete End Delete 1. vidio Settings End Delete End Delete 0. vidio Settings End Delete End Delete 0. vidio Tampering End Delete End Delete 0. Vidio Tampering End Delete End Delete 0. Vidio Tampering End Delete End Delete 1. Vidio Settings End Delete End Delete 1. Vidio Reserved End Delete End Delete 1. Vidio Reserved End Delete End Delete 1. Vidio Reserved End Delete	DST Settings			Management I	Platform			
 Audio Settings Audio Settings Audio Parameters Scheduke Record Scheduke Record Scheduke Record Motion Detection Motion Tampering Motion Tampering Traget Count Orgatic LeffLosite Arange Count Orgatic LeffLosite Arange Count Detection Audio Settings Platform Management Motion Detection Aumin Oudput Scheduke Record Submit Output Schedungement 	Display Settings			Index	Protocol	Status	Operation	
3 TeinetSorver Disable Edit Delete 4 183 Disable Edit Delete 4 183 Disable Edit Delete 6 Onable Edit Delete Edit Delete 6 Onable Edit Delete Edit Delete 7 Obscheide Edit Delete Edit Delete 8 Privacy Mask Bisable Edit Delete Edit Delete 9 Opscheide Disable Edit Delete Edit Delete 9 Opscheide Bisable Edit Delete Edit Delete 9 Ansch Obschein Edit Delete Edit Delete Edit Delete 9 Multicatorde Edit Delete Edit Delete Edit Delete 9 Multicatorde Edit Delete Edit Delete Edit Delete 9 Multicatorde Edit Delete Edit Delete<	Encoding				AntsWebServer	Enable	Edit Delete	
4 10S Disable Edit Delate 6 Disable Edit Delate 6 7 Disable Edit Delate 7 7 Disable Edit Delate 6 1 Registrational 6 6 6 1 Multicast Config 6 6 6 6	Audio Settings				Fseye	Enable	Edit Delete	
Bichadule Record Motion Detection Ordion Centection Privacy Mask Target Court Object LeR/Load Object LeR/Load Avai Detection Line Crossing Network Settings Pirtacy Mask Disable Carl Detection Multicat Config NultiPosttings Amm Output Amm Output Aamm Output Storgen	Video Parameters				TelnetServer	Disable	Edit Delete	
Motion Detection Motion Detection Video Tampering Privacy Mask Target Could Object Lef/Looit Object Lef/Looit Object Lef/Looit Network Settings Platform Management Multicast Config DDNS Settings TFTP Settings Amm Output Amm Output Amm Output Same Output Jame Output Jame Output Jame Output					185			
Video Tampering Privacy Mask Target Count Object Left/Loati Object Left/Loati Area Detection Line Crossing Areaber Earth Parker Multicat Config DDNS Settings NTP Settings FTF Settings Atarm Origind Atarm Origind Main mout Strangsement								
Privacy Mask Privacy Mask Target Court Object Left/Lost Avas Detection Line Crossing Line Crossing Multicast Config Multicast Config DONS Settings DONS Settings Alarm Output Alarm Output Alarm Output Magement								
Index y Mask I Target Court Object Left/Lost Area Detection Line Crossing Network Settings Platform Management Multicast Config Multicast Config Multicast Config NTP Settings FTP Settings FTP Settings Aarm Outpud Aarm Outpud Exception Settings User Management								
Otycet Left/Lost Area Detection Area Detection Area Consery Network Settings Network Settings Notificaat Config Multicaat Config ODNS Settings NTP Settings TrP Settings Arm Triput Aarm Todupt Aaarm Output Scendard Settings User Maragement Very								
Area Detection Platform Management Platform Management Area Detection Area Detection Area Detection	Target Count							
Line Crossing Line Crossing Line Crossing Line Crossing Line Crossing Matheast Croftig DNS Settings DNS Settings DNS Settings TPT Settings Atam Input Aarm Output Aarm Output Section Settings User Maragement Settings	Dbject Left/Lost							
 Network Settings Pitaform Management Mulicast Config DDNS Settings DDNS Settings Frail Settings FTF Settings Alarm Cutgud Alarm Cutgud Exception Settings User Management 	Area Detection							
Pattorm Management Multicast Config DONS Settings NTP Settings Frant Settings Alarm Input Alarm Output Exception Settings User Management	Line Crossing							
 Multicast Config DONS Settings NTP Settings Email Settings F179 Settings Alarm Input Alarm Output Exception Settings User Management 	Network Settings							
DONS Settings NTP Settings Email Settings Email Settings Aiam Input Aiam Output Exception Settings User Management Ver	Platform Management							
NTP Settings Email Settings FTP Settings Alarm Input Alarm Output Exception Settings User Management	Multicast Config							
Email Settings FTP Settings Alarm Input Alarm Output Exception Settings Users Management	DDNS Settings							
FTP: Settings Alam Input Alam Cutput Exception Satings User Management	NTP Settings							
Alarm Input Alarm Output Exception Settings User Management	Email Settings							
Alarm Output Exception Settings User Management	FTP Settings							
Cyception Sattings User Management	Alarm Input							
User Management	Alarm Output							
	Exception Settings							
	User Management							

User can open, close, edit and delete the protocol in the Management Platform interface.

4.19 Multicast Config

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



Multicast Config is in disable status by default. While click Enable Multicast, users can set the primary stream, sub stream, audio IP address, port, and TTL.

4.20 DDNS Settings

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 settings interface as below figure:

NETWORK CAMERA		🙎 admin Logout
	Live Playback Setup File Log	
Device Information		
QR Code		
ePTZ Settings		
DST Settings	DDNS Settings	
Display Settings	Enable DDNs.	
Encoding	DDNS Type: 13922	
Audio Settings	Server Address: memoers3322/org	
Video Parameters	Port: 80	
Schedule Record	User Name:	
Motion Detection	Password:	
Video Tampering	Confirm Pwd:	
Privacy Mask	Domain:	
Target Count	Save	
Object Left/Lost		
Area Detection		
Line Crossing		
Network Settings		
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		

• Enable DDNS: Click to determine whether to use Dynamic Domain Name Server

• DDNS Type: Select DDNS server type (There are Dyndns/ PeanutHull/ NO-IP/ 3322/ DnsDynamic five types selectable)

• Server Address: Input server name, for example, members.3322.org

- Port: Input port No. (default is 80)
- User Name: Input user name
- Password: Input password
- Confirm pwd: Input the password again to confirm it
- **Domain:** Input the standby domain After complete all parameters setting, click Save, then the settings will take effect immediately.

4.21 NTP Settings

IP Camera NTP Settings interface as shown in the follow figure:

NERVORK CAMERA		🙎 admin Logout
	Live Playback Setup File Log	
Device Information		
QR Code		
ePTZ Settings		
DST Settings	NTP Settings	
Display Settings	Enable	
Encoding	Server Address :	
Audio Settings	NTP Port : 123	
Video Parameters	Interval : 2	
Schedule Record	Time Zone : GMT+08:00 Beijing	
Motion Detection	GMT: 08:00	
Video Tampering	Save	
Privacy Mask		
Target Count		
Object Left/Lost		
Area Detection		
Line Crossing		
Network Settings		
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		

- Enable NTP: Enable or disable NTP function
- Server Address: Input NTP server IP address
- NTP Port: Default port is 123
- Interval: Input the interval time
- Time Zone: Different area time format selectable
- GMT: Adjust the time to make it more exact

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

4.22 Email Settings

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

NETWORK CAMERA					💄 admin Logout
mea-mme informaring agatem	Live Playbac	k Setup	File	Log	
Device Information					
QR Code					
ePTZ Settings		Email Settings			
DST Settings				-	
Display Settings		(sent)Email Address:		-	
Encoding		Password:		-	
Audio Settings		Confirm Pwd:		-	
Video Parameters		SMTP Port: 0			
Schedule Record			SL 🔲 Identity Verification		
Motion Detection		Sending Interval: 25		(25~2508)	
Video Tampering		EmailAddr1:			
Privacy Mask		EmailAddr2:			
Target Count		EmailAddr3:			
Diject Left/Lost			Save		
Area Detection					
Line Crossing					
Network Settings					
Platform Management					
Multicast Config					
DDNS Settings					
NTP Settings					
Email Settings					
FTP Settings					
Alarm Input					
Alarm Output					
Exception Settings					
User Management					

- (sent)Email Address: Input the address of the outbox
- Password: Input the the password of the outbox
- Confirm Pwd: Input the password again to confirm it
- (send)SMTP Server: Input the smtp server address of the outbox
- SMTP Port: Input the smtp server port of the outbox
- Sending Interval: Input the sending interval time
- SSL/Identity verification:Tick SSL and Identity verification to send the email correctly

and safely

• Sending Interval: Input the sending interval time.

• Email 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.

4.23 FTP Settings

IP Camera FTP Settings interface as shown in the follow figure:

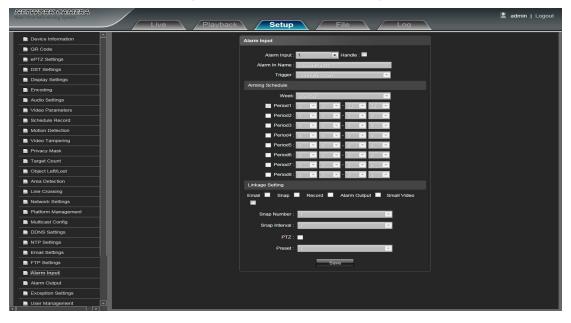
NERWORK CAMERA					🖁 admin Logout
. tear time mensening system	Live	Playback	Setup File		
Device Information					
QR Code					
ePTZ Settings			FTP Settings		
DST Settings			Enable: 🗖		
Display Settings			Server Address: 192,188,1,1		
Encoding			Port 21		
Audio Settings			User Name:		
Video Parameters			Password:		
Schedule Record			Path:		
Motion Detection			Save	-	
Video Tampering					
Privacy Mask					
Target Count					
Object Left/Lost					
Area Detection					
Line Crossing					
Network Settings					
Platform Management					
Multicast Config					
DDNS Settings					
NTP Settings					
Email Settings					
FTP Settings					
Alarm Input					
Alarm Output					
Exception Settings					
User Management					

- Enable: Click Enable to enable or disable FTP function
- Server Address: Input the server address required to upload
- Port: Input the server port, default is 21
- User Name: Input the user name required to upload
- **Password:** Input the password required to upload
- Path: Input the file path required to upload

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

4.24 Alarm Input

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



• Alarm Input: Select the alarm input port, Then click Handle : Can implement follow parameters settings

- Alarm In Name: Input alarm input name
- Trigger: Select the alarm status: Normally Open/ Normally Close
- Arming Schedule: Alarm schedule can be set from Monday to Sunday
- 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

- Small Video: After alarm triggered, linkage device video will be sent to appointed email in about 10s
- Snap Number: Set the snapshot image count for every time
- Snap Interval: Set the snapshot interval time
- **PTZ:** Enable or disable PTZ function
- **Preset:** When alarm input triggers alarm, it will linkage the presets

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

4.25 Alarm Output

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

NETWORK CAMERA		💄 admin Logout
	Live Playback Setup File Log	
Encoding		
Audio Settings		
Video Parameters	Alarm Output	
Schedule Record		
Motion Detection	Output Relay Status: Normally Open	
Video Tampering		
Privacy Mask	Save	
Target Count		
Object Left/Lost		
Area Detection		
Line Crossing		
Network Settings		
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		
System Update		
Auto Reboot		
Storage Management		
Restore		
Local Settings		

- 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.

4.26 Exception Settings

IP Camera Exception Settings interface as shown in the follow figure:

Real-Time Monitoring System		💄 admin Logout
B. F	Live Playback Setup File Log	
Encoding		
Audio Settings		
Video Parameters		
Schedule Record	Exception Settings	
Motion Detection		
Video Tampering	Exception Type: Network Disconnected	
Privacy Mask	Record Z Alarm Output	
Target Count	Save	
Object Left/Lost		
Area Detection		
Line Crossing	1	
Network Settings		
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		
System Update		
Auto Reboot		
Storage Management		
Restore		
Local Settings		

• Exception Type: There are Network Broken/ 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.

4.27 User Management

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

default indicates general users.

NETWORK CAMERA				🚊 admin Logout
Live Playbac	sk Setur		File Log	
Encoding				
Audio Settings				
Video Parameters				
Schedule Record	User Management			
Motion Detection				
Video Tampering	User Name	User Type	Operation	
Privacy Mask	default	Admin Guest	Modify Del Permission Modify Del Permission	
Target Count				
Object Left/Lost		Add U	241	
Area Detection				
Line Crossing				
Network Settings				
Platform Management				
Multicast Config				
DDNS Settings				
NTP Settings				
Email Settings				
FTP Settings				
Alarm Input				
Alarm Output				
Exception Settings				
User Management				
System Update				
Auto Reboot				
Storage Management				
Restore				
Local Settings				

• **Modify:** Administrator account can modify login password, while general users can modify user type including Guest, Operator two options, and setup different permission assignment in the Rights Permission settings

- Del: Delete the new user
- Permission: Set rights permission assignment for 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 follow figure:

Rights PermissionPermission	
Remote PTZ	
■ Remote Playback	
Remote Parameter Settings	
E Remote Log Query	
Remote Upgrade and Format	
☐ Voice Talking	
Remote Preview	
E Remote Reboot	
Save	

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

4.28 System Update

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

NETWORK CAMERA Real-Time Monitoring System	Live Playback Setup File Log	🙎 admin Logout
Encoding		
Audio Settings		
Video Parameters		
Schedule Record	System Update	
Motion Detection		
Video Tampering	File. Browse	
Privacy Mask	Update	
Target Count		
Dbject Left/Lost		
Area Detection		
Line Crossing		
Network Settings		
Platform Management		
Multicast Config		
DDNS Settings		
NTP Settings		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception Settings		
User Management		
System Update		
Auto Reboot		
Storage Management		
Restore		
Local Settings		

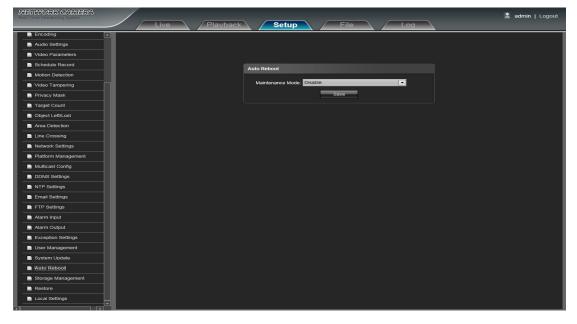
• File: Click Browse to find and select the upgrade kit, then click Update.



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

4.29 Auto Reboot

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



4.30 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 follow figure:

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



4.31 Restore

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

NETWORK CAMERA	Live Play	/back Setup		🙎 admin Logout
Encoding				
Audio Settings				
Video Parameters				
Schedule Record				
Motion Detection		Restore		
Video Tampering			Export Config	
Privacy Mask			Import Config	
Target Count				
Dbject Left/Lost			Restore	
Area Detection			Reboot	
Line Crossing				
Network Settings				
Platform Management				
Multicast Config				
DDNS Settings				
NTP Settings				
Email Settings				
FTP Settings				
Alarm Input				
Alarm Output				
Exception Settings				
User Management				
System Update				
Auto Reboot				
Storage Management				
Restore				
Local Settings				

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

4.32 Local Settings

IP Camera Local Settings interface as shown in the follow figure:



- 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
- Backup: Select and modify video record backup file storage path
- Rec Capture: Select and modify the preview interface video record file storage path
- Record File Type: Only AVI format one option for default
- 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. File Management

IP Camera File Management interface as shown in the follow figure:

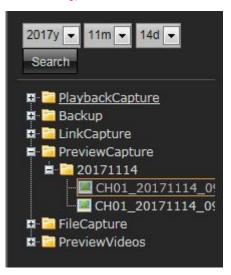
Note: the inserted TF card is for full function display interface, otherwise, it's for simple type interface.



5.1 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)



5.2 Playback Capture

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

5.3 Backup

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

5.4 Linkage Capture

To review motion detection, tampering alarm, alarm output, ect. alarm linkage capture files, search and double click the image files directly.

5.5 Preview Capture

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

5.6 File Capture

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

5.7 Preview Videos

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

5.8 Backup Video Play

- Start: Click button to play the backup video image file
- Stop: Click Dutton to stop the play
- Slow: Click Slow button to slow play the backup video image file
- Fast: Click witten to fast play the backup video image file
- Frame: Click button to play the backup video image file by frame
- Capture: Click button to snap the backup video image during display
- Voice: Click witton to select turn on/ off the voice during backup video image display

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 CAMERA	Live	Playback	tup File	Log	💄 admin Logout
Log Main Type All ▼ Start Time 2017-11-13 End Time 2017-11-13 Page No. 22 Search	Index Log Time	Main Type	Log Theme	Ch	User Address

• Main Type: Select the log type to check. There are 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. Exit

Click Logout to log out, as shown in the follow figure:

