

Professional HD IP Camera



User Guide

Thank you purchasing the XRN HD IP Camera from Xvision Pro HD.

Please ensure that you read and understand this User Guide before operating the camera.

Please store this User Guide in an easily accessible location.

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Functional Descriptions and Features

Features	Brief Description
Real time monitoring	Optimized H.265/H.264/MJPEG video compression algorithms; Multi-stream transmission ensures high definition image transmission on both narrowband and wideband.
Recording	Support simultaneous connection of up to 5 video streams.
Onvif	Support ONVIF protocol, please check with www.xvision.com for latest supported version.
Network protocols	Support multiple network protocols, such as TCP/UDP, IP, HTTP, DHCP, RTP, RTSP, FTP, SMTP, DNS, DDNS, NTP, ICMP, IGMP, ARP, GB28181
Record backup	Backup via Browser and some IPC support MSD card.
POE	POE Power over Ethernet support on all IPC-12 VDC $\pm$ 10%, PoE
Network operation	Authorized access in go for remote client to ensure the system security.
APP Support	Smartphone video monitoring XIQCMS
Operating Temperature/IP Rating	-10 °C ~ 60 °C (14 °F ~ 140 °F) – IP66 – below 90% RH

Note :

- IPC refers to Internet Protocol Camera.
- Default IP address of IPCamera : 192.168.1.168
- IP Camera default Username: admin (lower case) , Password: admin (lowercase)
- Default web port : 80 , Default media port : 9988
- LAN refers to Local Area Network (Inside your router)
- WAN refers to Wide Area Network (outside your Router/Home/Office)

SAFETY INSTRUCTION

- **Do not install the equipment in an environment with too much moisture, dust or smoke dust as this may result in fire or electric shock.**
- **In the unlikely event that the equipment should malfunction and emit an abnormal smell of smoke, please immediately stop it, shut off the power and contact your supplier.**
- **Please do not place this equipment near a heat source to avoid risk of fire.**
- **Please do not store, install and use this product in danger areas with inflammable or explosive substances.**
- **Please make sure the power is turned off when installing the product.**
- **Please do not use the IPC in an environment where temperatures that exceed either -20°C to +55°C.**

Introduction

This guide is for the Xvision Pro HD X2C4000 Range of IP Cameras.

It is recommended that the units are setup and tested before being mounted or installed.

These instructions are for guidance only detailed information is in accordance with the product.

The instructions may include some technical inaccuracies or typographical errors, these will be corrected in future updates.

The product or procedures described in the instructions may be changed or updated at any time without prior notice. Screenshots used in the instruction are only for indications and explanations.

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This Manual will cover the following:

- Schematic Diagram of XC Cameras
- Basic setting setup
- Setting an IP address
- Active X Controls
- Viewing on IE
- Specifications

Pre-requisites

Note before you begin installation:

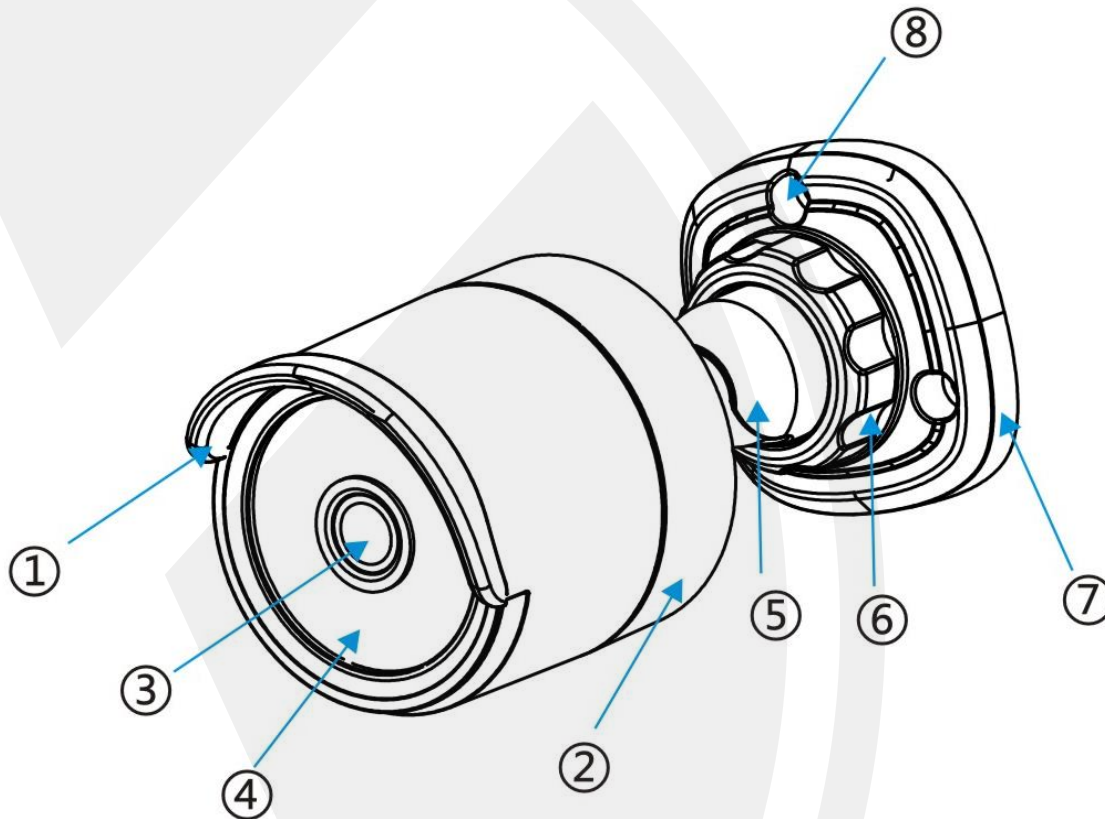
- Connect only one X2C4000 range IPC at a time to your LAN, as all cameras share the same default IP192.168.1.168
- Screw Drivers
- Router/Switch/Hub for your LAN, this is needed to connect all Network IP equipment together.
- A Windows PC/Laptop on site connected to the same LAN (Router/Switch) as your equipment.
- Cat 5 Patch cables to connect your X2C4000 and Router/Switch all together

IPC Description and Device Connection

Appearance Description

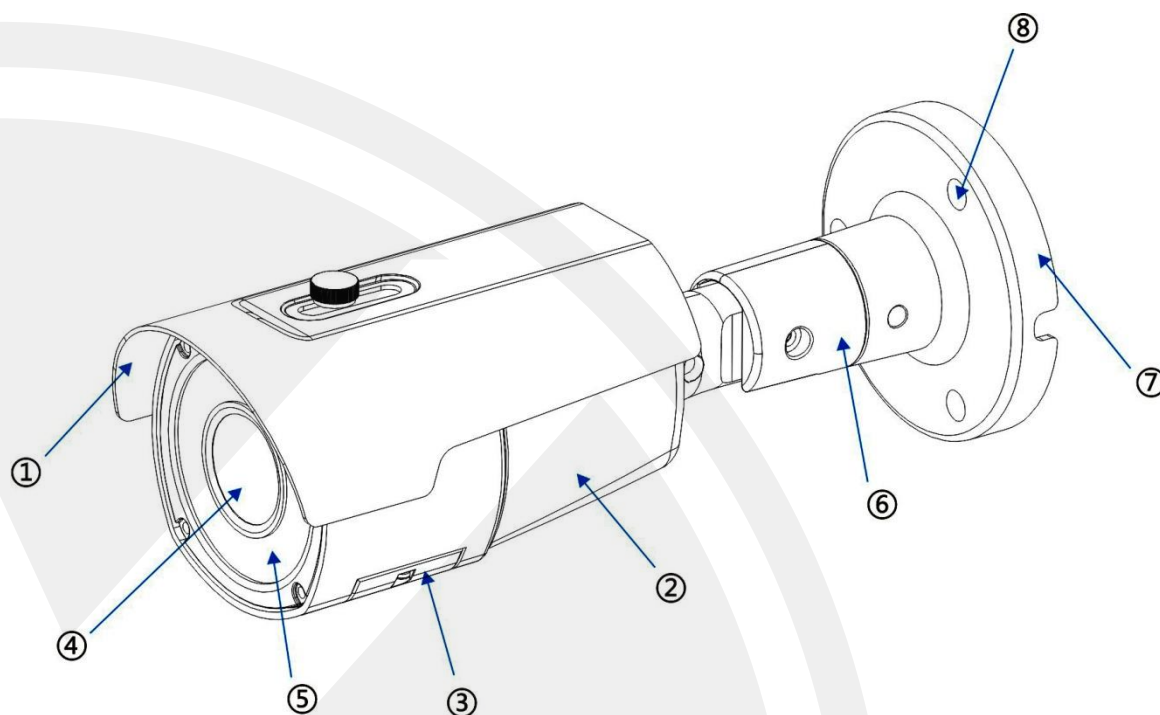
The X2C4000 cameras can be wall or ceiling mounted, so to install the camera you will need to adjust it to the desired angle. Below you will see how to install each camera type

Schematic Diagram (X2C4000BP)



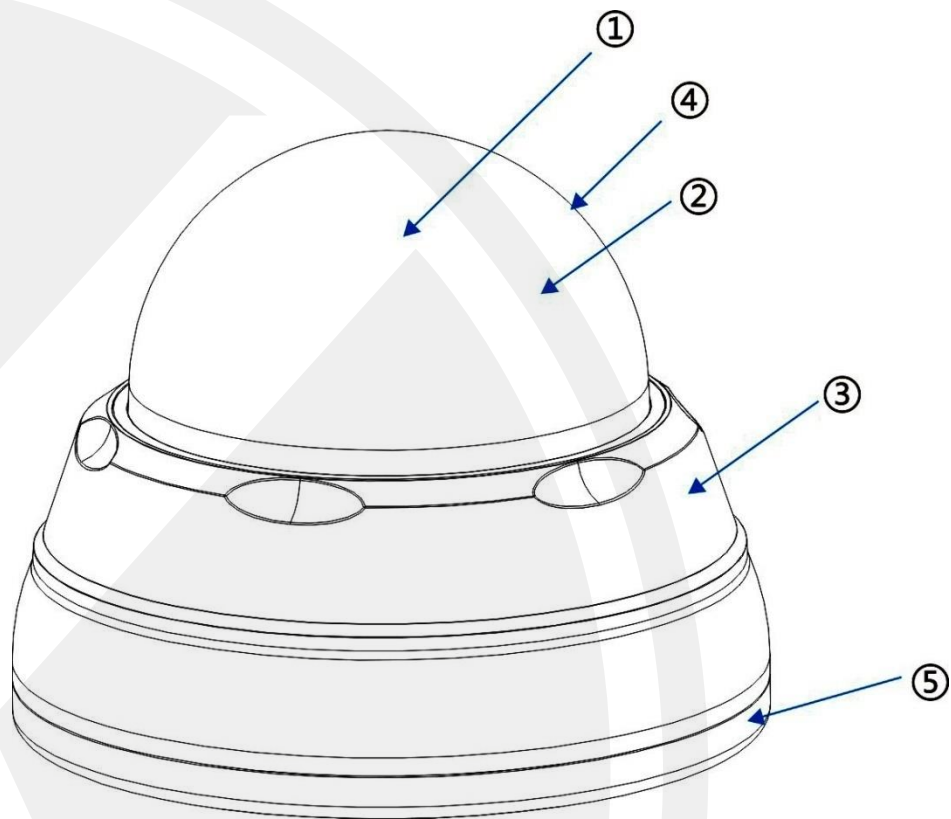
Items	Descriptions
① Front cover	Helps protect the IPC from sunlight and rain.
② Rear cover	Fixed with the front cover.
③ Lens	Lens of IPC
④ Infrared IR's	Infrared IR's behind glass cover
⑤ Ball and sleeve	Rotatable, used to adjust the angle of view of the IPC.
⑥ Locknut	Fix the ball sleeve and the base.
⑦ Base	Base to be secured against wall.
⑧ Fixing hole	Screw holes to secure IPC to wall.

SchematicDiagram (X2C4000BVP)



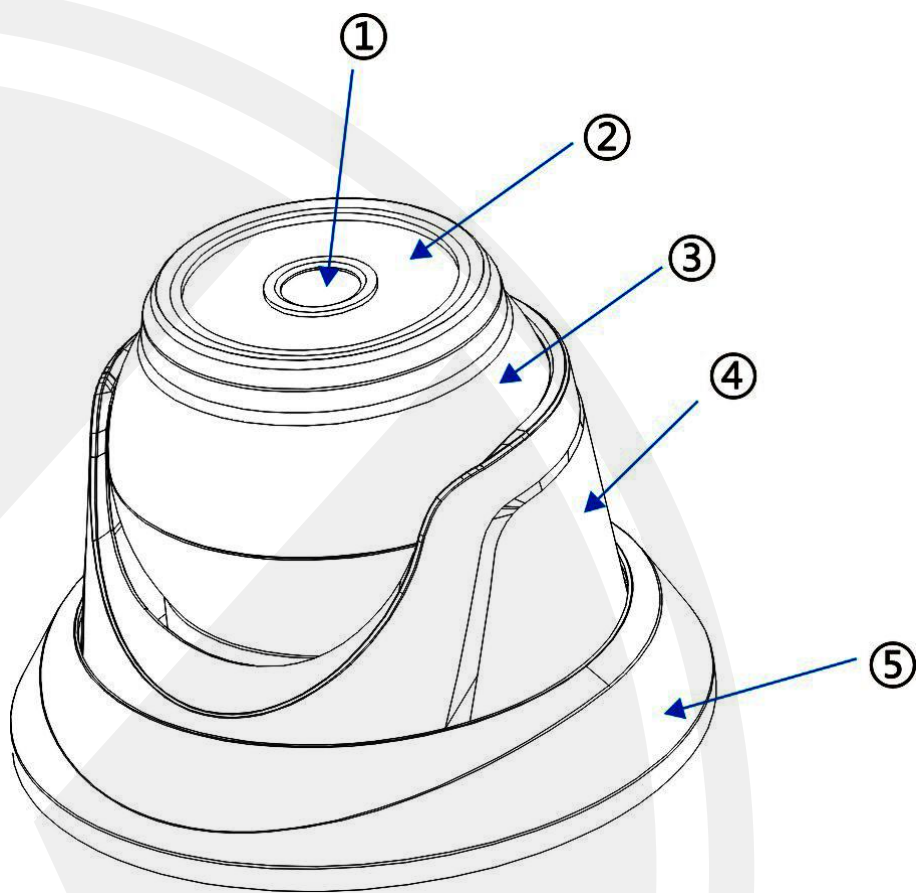
Items	Descriptions
① Front cover	Helps protect the IPC from sunlight and rain.
② Rear cover	Fixed with the front cover.
③ Focusing lever	Adjust the focal length of the IPC.
④ Lens	Lens of IPC
⑤ Infrared IR's	Infrared IR's behind glass cover
⑥ Ball and sleeve	Rotatable, used to adjust the angle of view of the IPC.
⑦ Base	Base to be secured against wall.
⑧ Fixing hole	Screw holes to secure IPC to wall.

SchematicDiagram (X2C4000DVP)



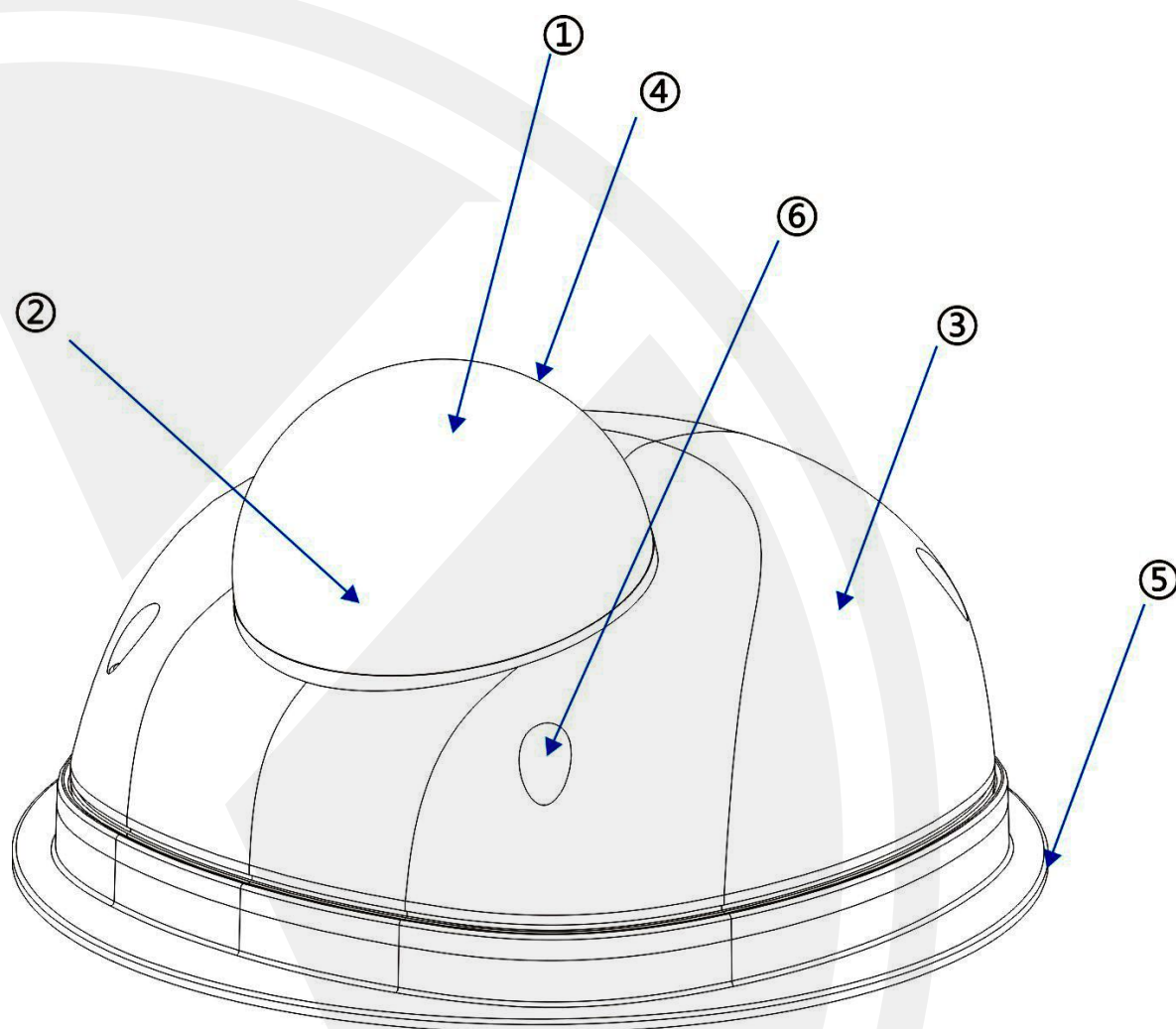
Items	Descriptions
① Transparent cover	Protects the IPC lens and IR's.
② Infrared IR's	Infrared IRLED's
③ Main housing	Rotatable and used to adjust the installation angle
④ Lens	Lens of IPC
⑤ Base	Secures the IPC to the wall

SchematicDiagram (X2C4000VP)



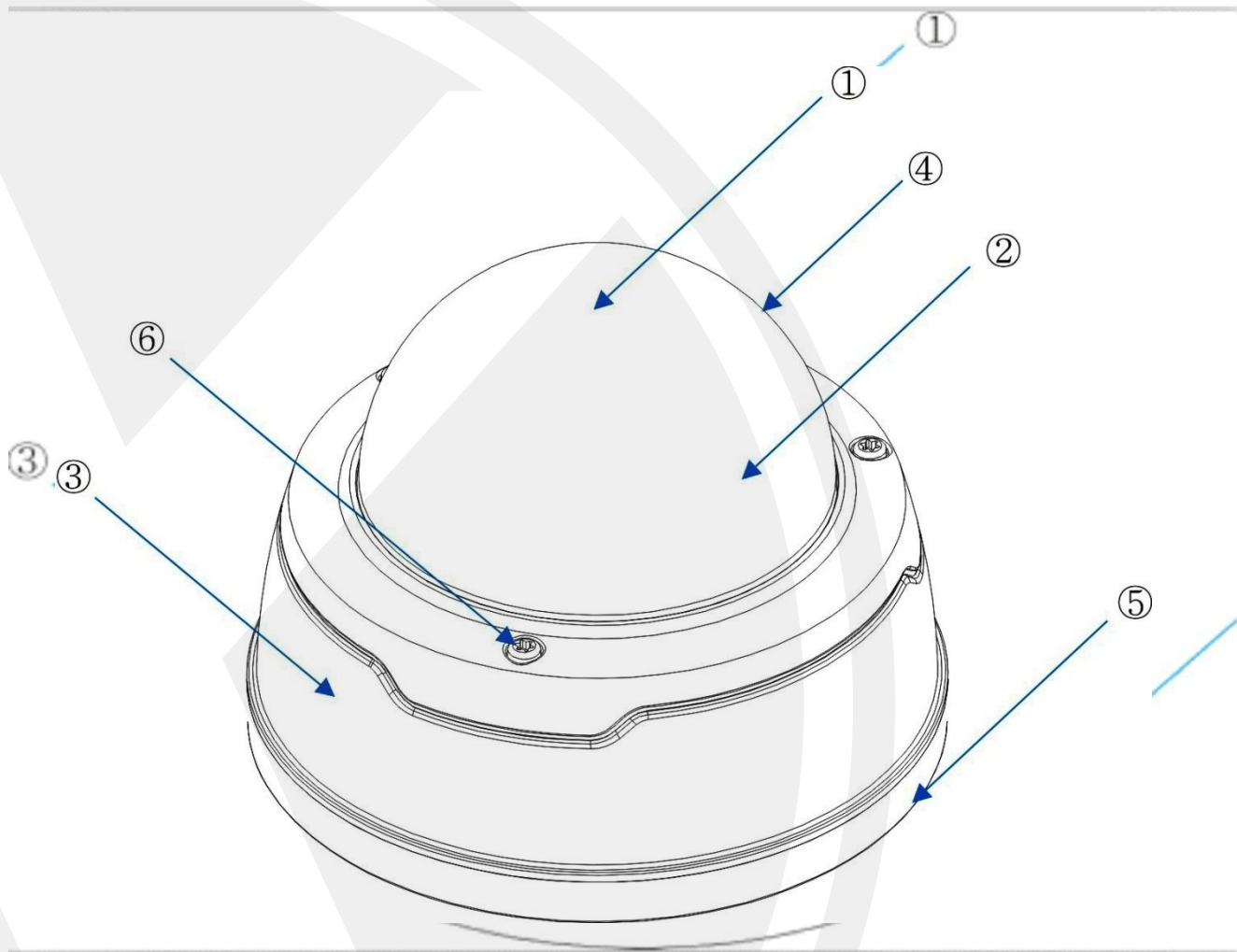
Items	Descriptions
① Lens	Lens of IPC
② Infrared lamp	Infrared LED lamp
③ Main housing	Rotatable and used to adjust the installation angle
④ Fixed guard	Secure the position of the Main housing.
⑤ Base	Secures the IPC to the wall.

Schematic Diagram (X2C4000MP)



Items	Descriptions
Lens	IPC Lens
Infrared Lamp	Infrared LED Lamp
Main Housing	Rotatable and used to adjust the installation angle
Glass Dome	Glass dome
Base	Secures the IPC to the wall or ceiling
Fixing Hole	Secure with screws at the installation location

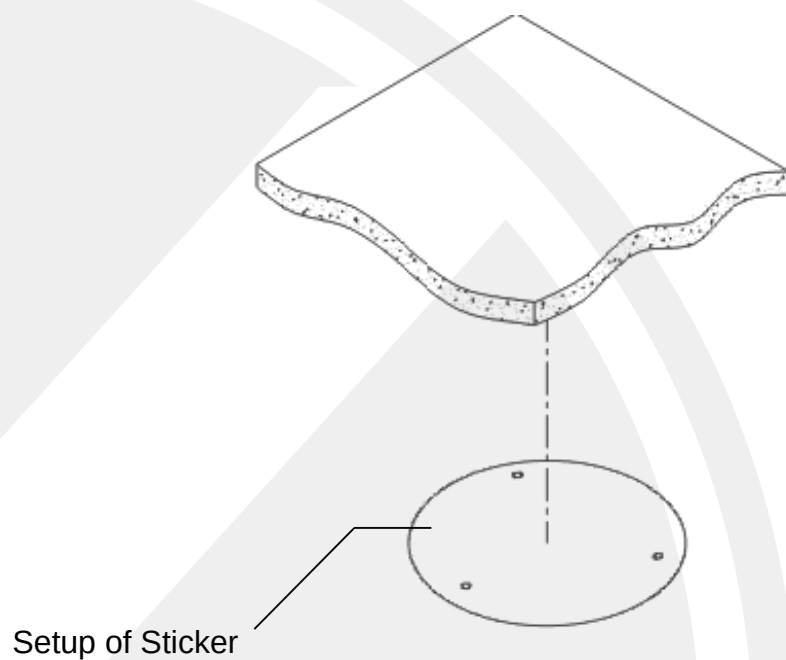
Schematic Diagram (X2C4000VAP)



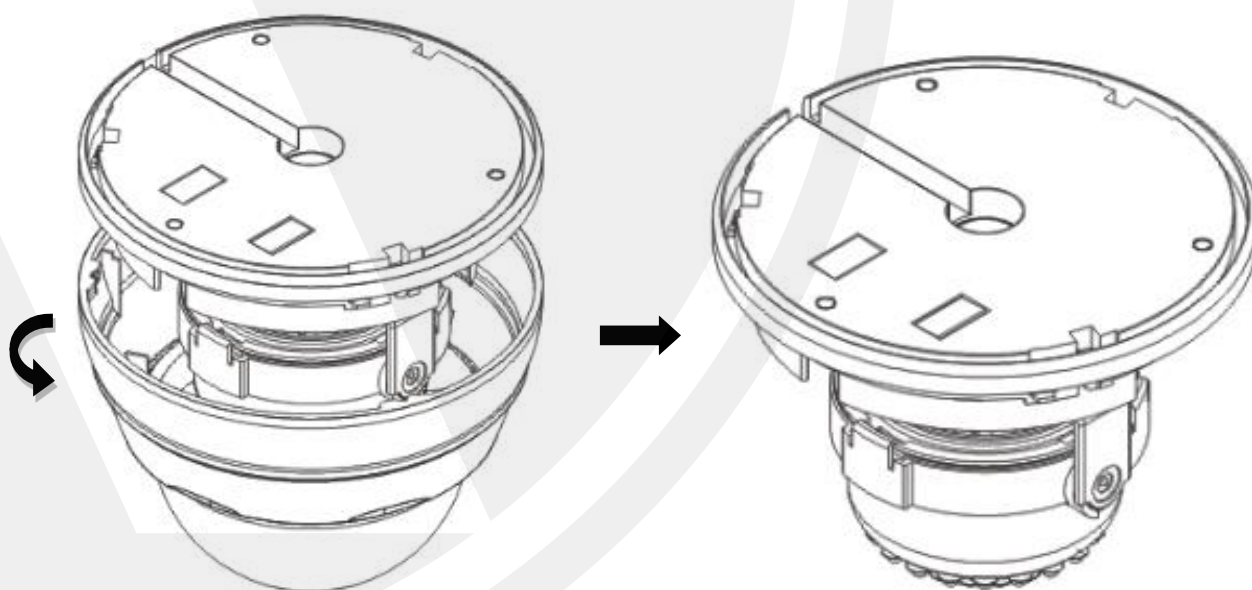
Items	Descriptions
Lens	IPC Lens
Infrared Lamp	Infrared LED Lamp
Main Housing	Rotatable and used to adjust the installation angle
Glass dome	Glass dome
Base	Secures the IPC to the wall or ceiling
Fixing Hole	Secure with screws at the installation location

Installation of Indoor Dome Cameras

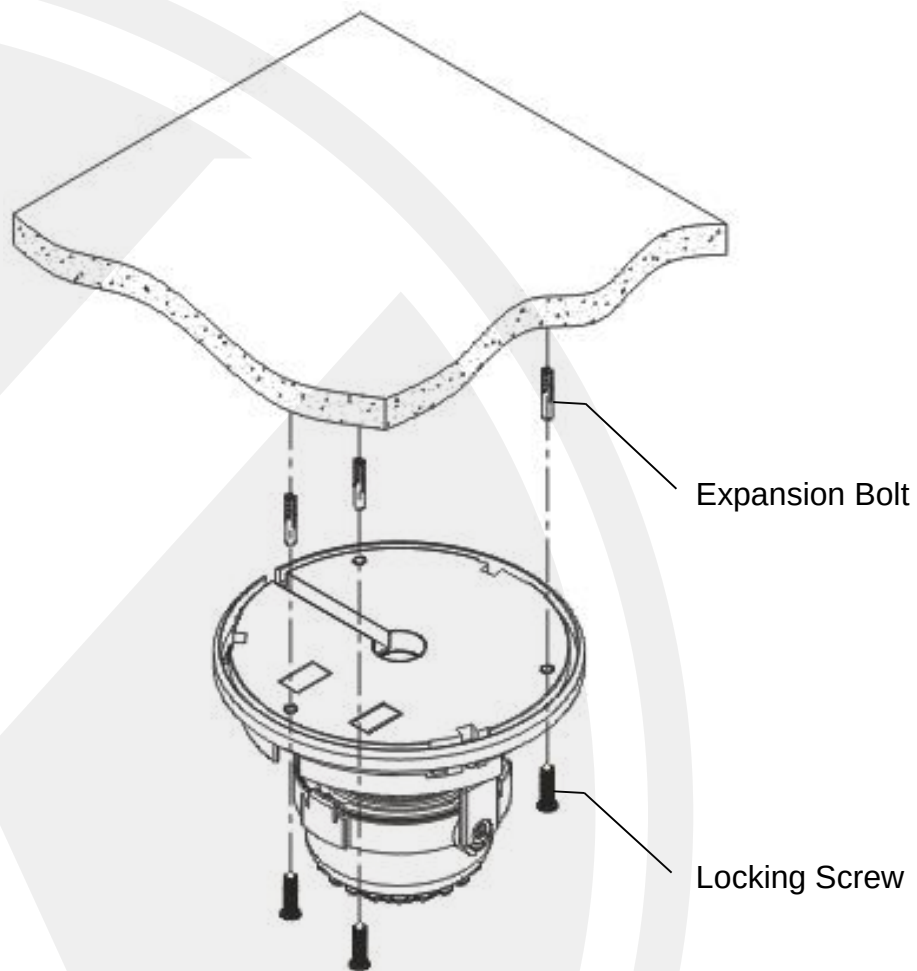
Ceiling Mounting



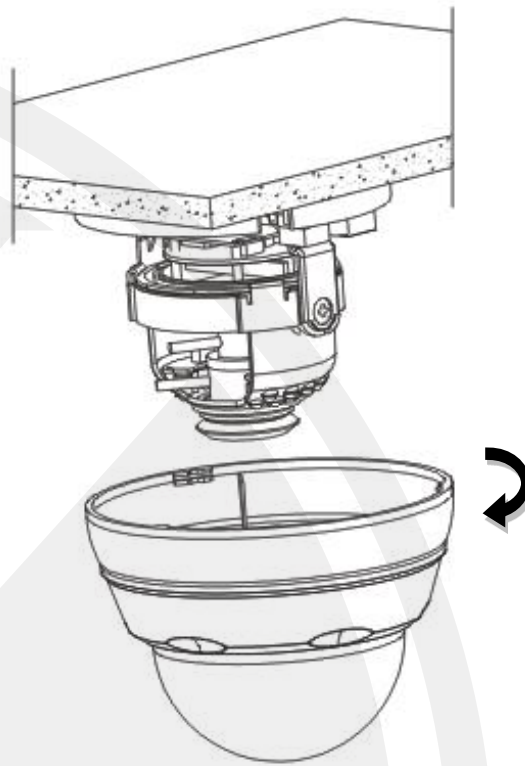
Paste the sticker in place at the proper position as selected.



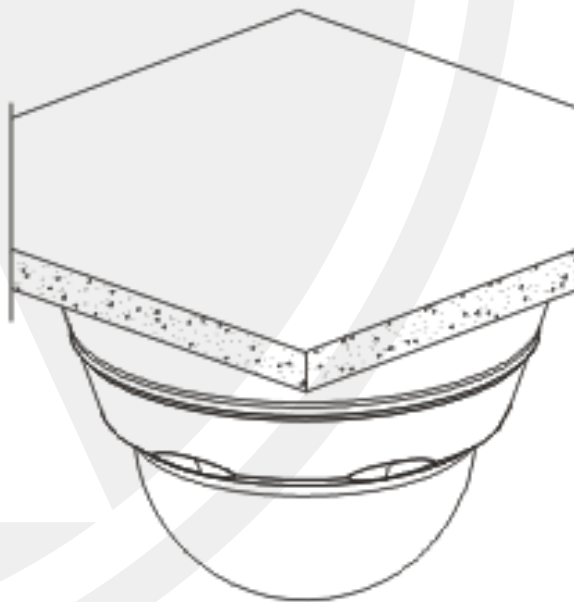
Remove the shield off the camera by rotating the collar down



Fix the base by drilling locking holes around the sticker and inserting three expansion bolts into the holes and fastening it with three locking screws. Adjust it to an appropriate angle.



After angle adjustment, mount the shield back by rotating the collar up.



Completion of Installation

Device Connection

There are two types of connection method:

1. Connect the IPC with your PC.

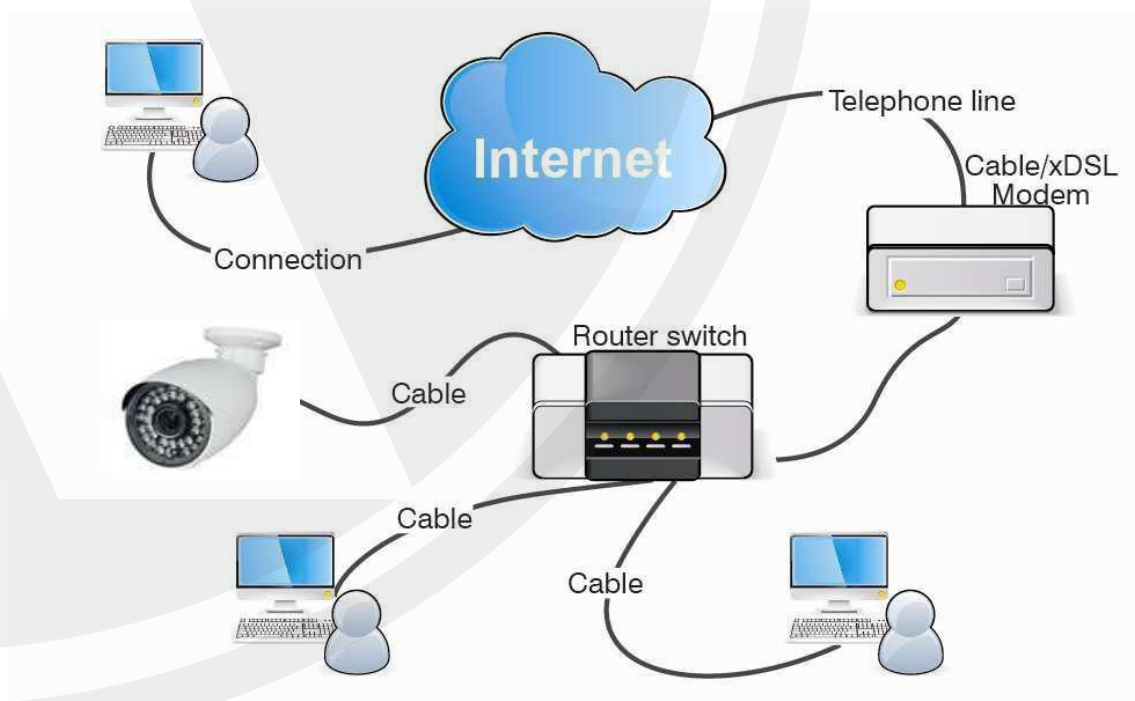
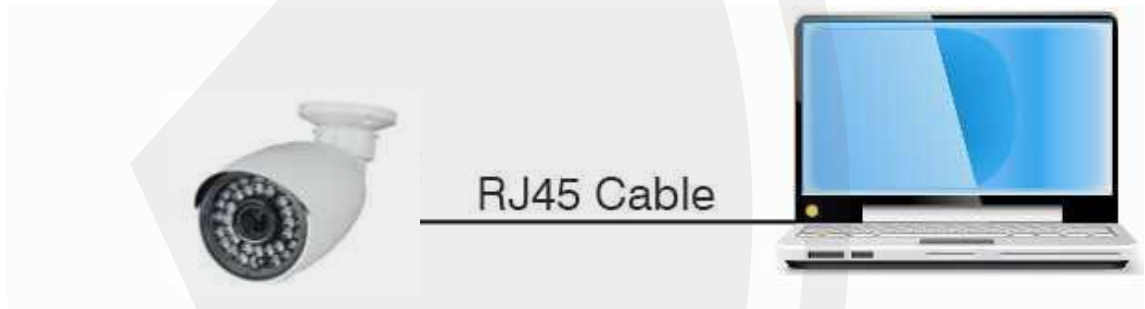
For a direct connection you will need to use a CAT5/6 **Crossover cable**. You will still need to provide power to the IPC, this can be done with a 12v Dc power supply or POE Injector.

Both IPC and your PC will need to be in the same IP subnet e.g. IPC 192.168.1.168 (Default), PC 192.168.1.100.

2. Connecting the IPC to your Router/Switch.

This is the most commonly used way to connect the IPC to your network.

You will need a CAT5/6 **Patch cable**, connect this to your IPC and your router/switch. If you have a POE switch you can connect this directly from your IPC to your switch and the IPC will receive power as well. If you do not have a POE switch you will need to provide power to your IPC.



Device Search Tool

The search software will search your LAN, you can also use the XIQCMS to find your IPC. Firstly, install .exe file (Device Search) found on the included CD by the following procedures, you can also download this from <http://www.Xvision.com>.

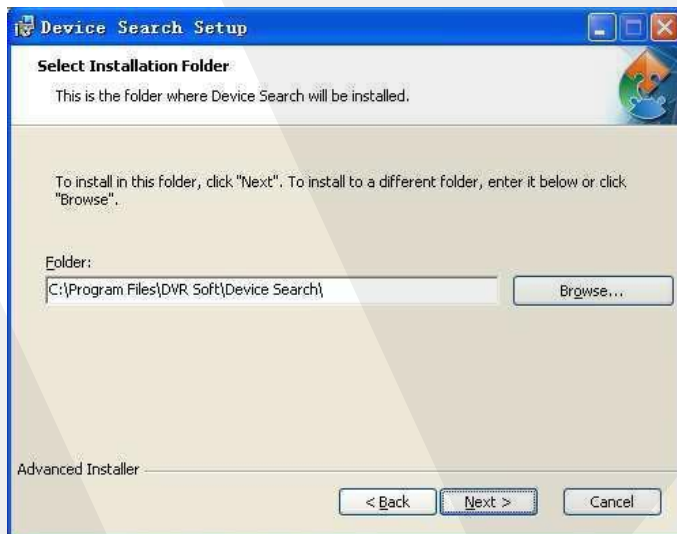
1. Double click the .exe file

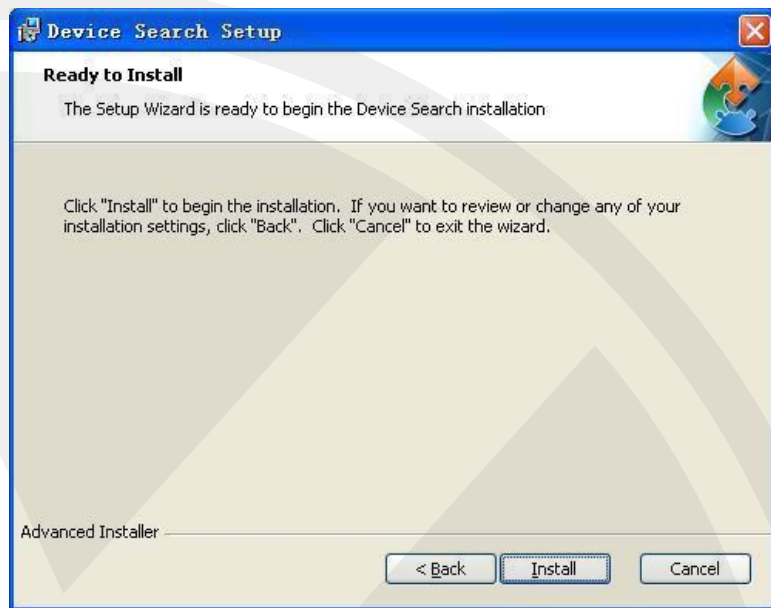


2. Click next to continue



3. Select installation folder and click [Next] to continue.



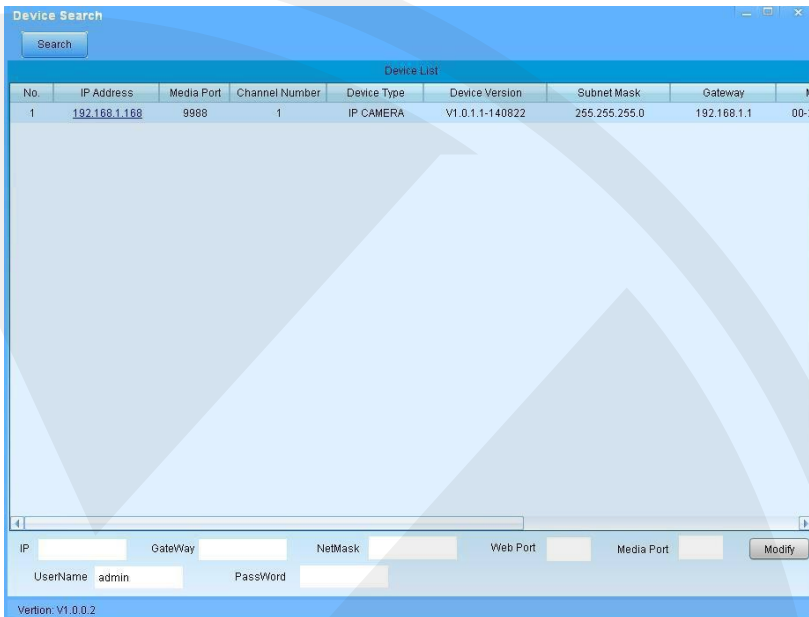


4. Click [Install] to begin the installation.

5. Click [Finish] to finish the installation



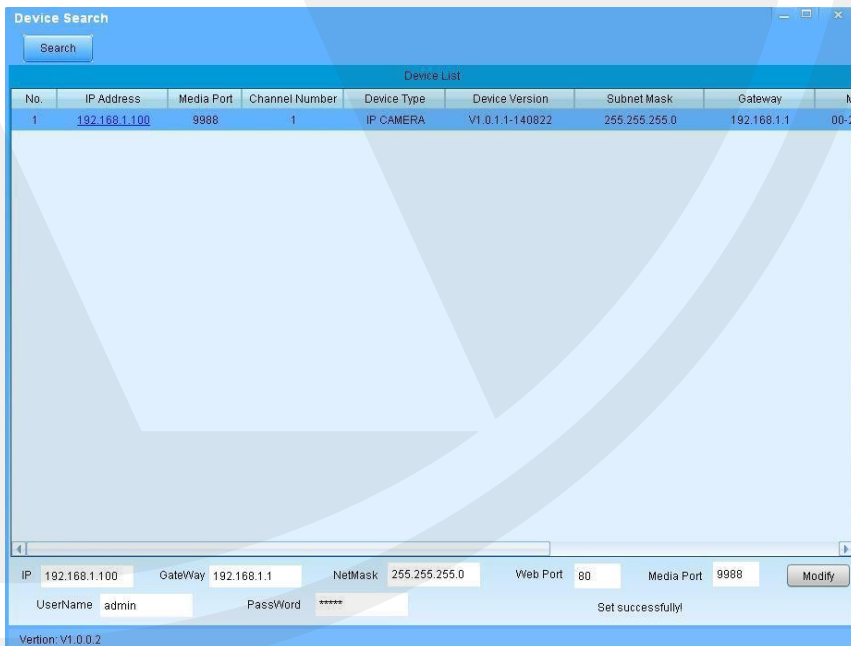
Once installed, run the Search tool. This will search your LAN for the IPC. Once found it will bring back the IPC, IP Address, Sub net mask and MAC Address. As shown in the following picture:



If the searched IP address and PC IP address are not in the same network segment, you will have to change your PC IP Address to be in the same LAN IP range. You can change the IP, IP, Subnet mas, port number and other parameters using the device search.

You will need to have the Administrator password to change any settings, Default is User name admin and admin as the password.

For the following examples we will change the IPC IP to 192.168.1.100.



Active X Setup

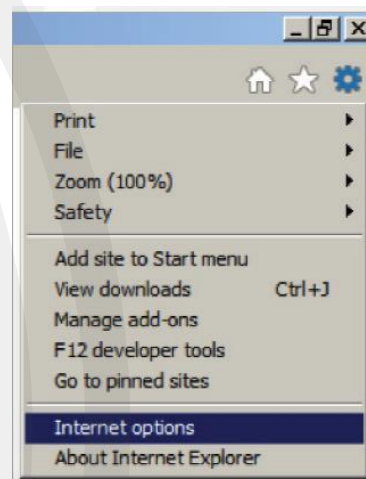
Before we can access our newly setup X2C4000 on IE there are a few more steps.

Open Internet Explorer and type in your IPC IP address in the address bar and press enter on the keyboard.

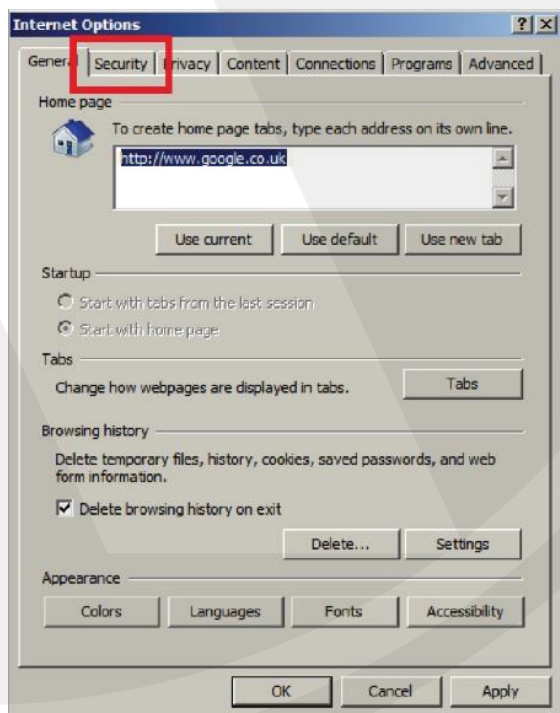
The correct way to type the address is `http://192.168.1.100`.

You will be prompted for Active X controls to be installed. For this to go successfully we need to change your settings of your IE browser. To setup the ActiveX Controls and Plug-ins, please follow the steps below.

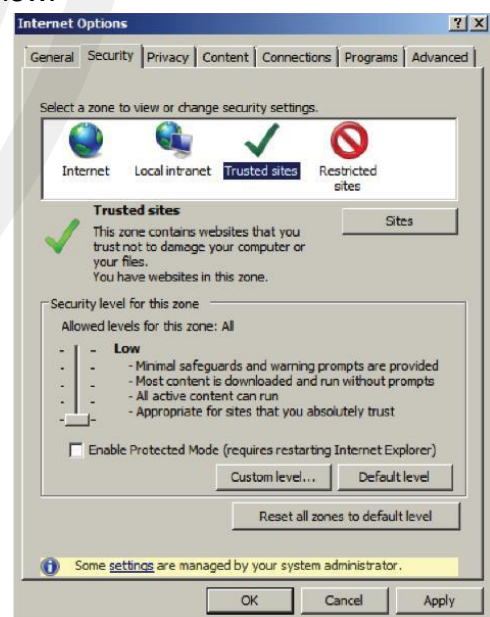
Open up Internet options, this can either be done from Control Panel on your PC or through Internet Explorer's settings as shown below, click on the cog on the top right of your Internet Explorer page.



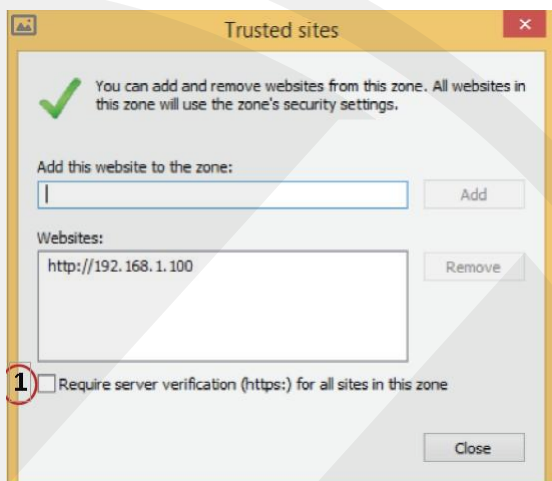
Once open select the Security tab from the top of the page.



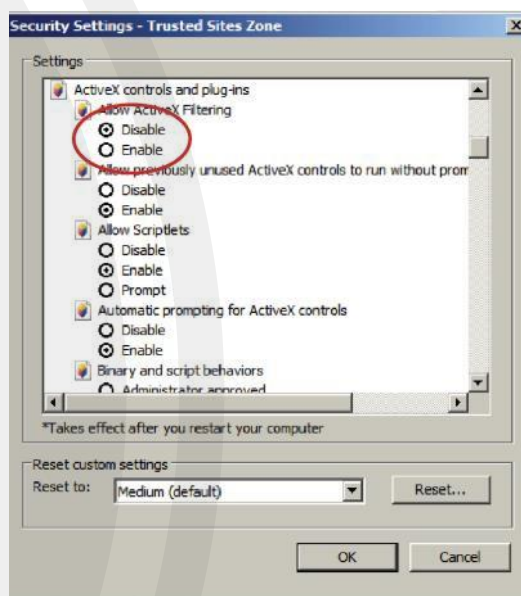
In the security tab you will be given the options for Internet, Local intranet and Trusted Sites. Select Trusted Sites and then click on the Sites button below.



First, click on (1) “Require sever verification (https :) for all sites in this zone” so that it is not ticked, as shown in the image. Then, you can type the IP address of your X2C4000 into the text box at the top and then click Add.



Next, click on Custom Level, you will need to locate all the “Active X controls and plug-ins”. There will be around 12 items listed with the ‘ActiveX’ icon. Ensure that ALL of these items are either set to Enable or Prompt. Please note that some will have Enable marked as not secure, it is advised to ensure that items like this are set to **prompt**.



As you can see below, “Allow ActiveX Filtering” is set to disable so this would need to be set to enable.

You may need to amend your UAC settings, to do this please follow our UAC guide.

Now you can try the IP address again, install the active controls and view your X2C4000 on IE. Follow the steps below to install this function.

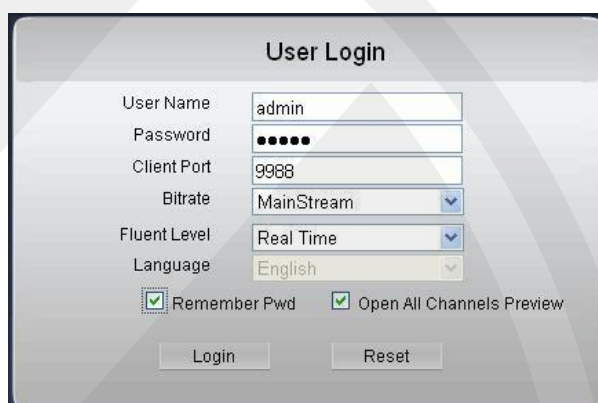
Login to the X2C4000 through the browser. Click on ‘allow’ and then you will be prompted to install the ActiveX controls.



Web Browser Interface

Live View

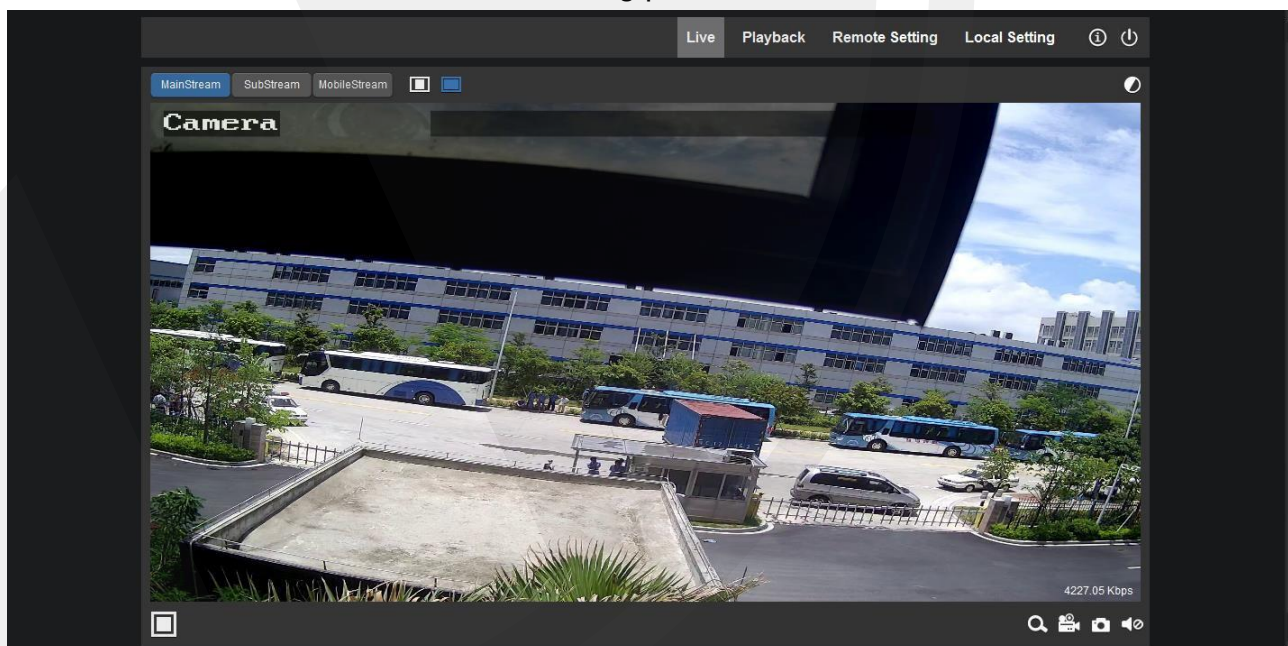
Open Internet Explorer and input IP address of IPC [http://192. 168. 1. 100](http://192.168.1.100) if set as above, Default <http://192.168.1.168>. The login dialog box will appear. See the following picture:



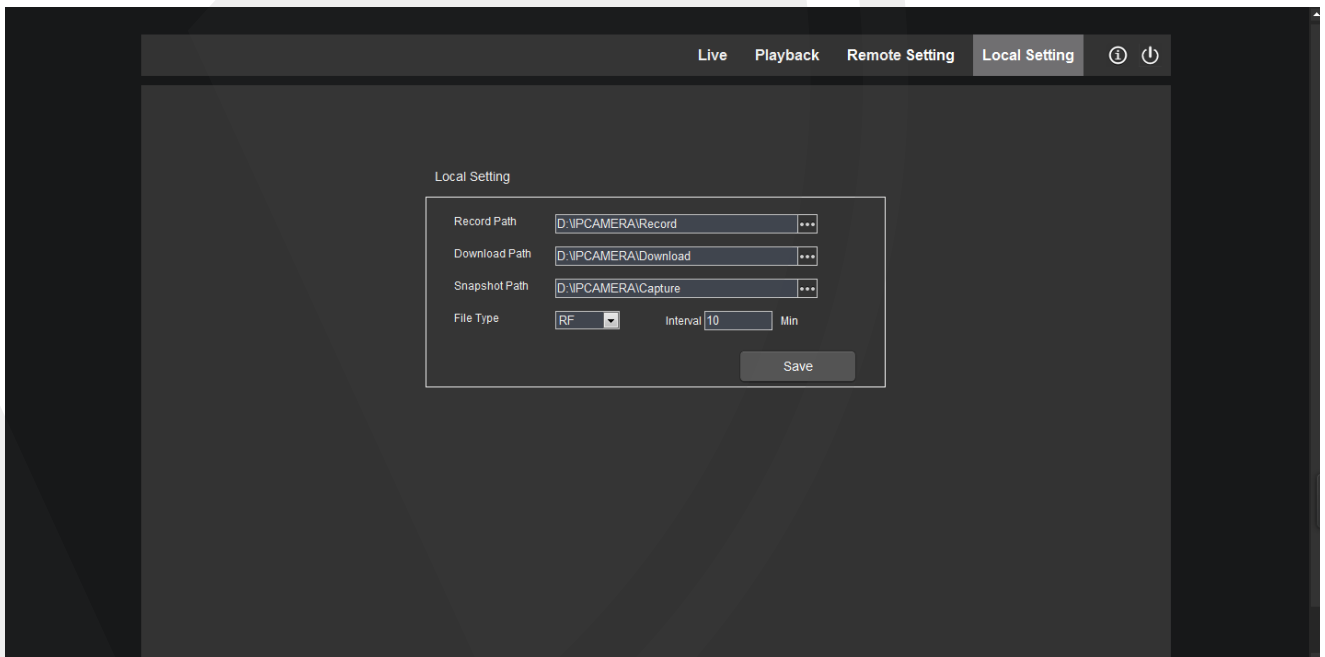
The 'User Login' dialog box contains the following fields and options:

- User Name:
- Password:
- Client Port:
- Bitrate:
- Fluent Level:
- Language:
- ☒ Remember Pwd
- ☒ Open All Channels Preview
- Login button
- Reset button

You can select stream types and fluent level in the login interface. Input user name (default: admin) and password (default: admin) and click "Login" to enter the Live interface, as shown in the following picture.



- Other buttons on the Live interface:
- Live: This shows the live image.
- Playback: This will show the play back menu.
- Remote Settings: Enter the device setting menu and set customized parameters of the device.
- Local Setting: Snapshot, file type, storage path, etc.
- Information: Shows the IPC information.
- Logout: Logout and return to the login screen.
- Main Stream: changes the IPC view to the mainstream.
- Sub Stream: changes the IPC view to the sub stream.
- Mobile Stream: changes the IPC view to the Mobile stream.
- Picture ratio: Changes the ratio and spread of the IPC image.
- In the bottom right of the image: From the left to the right Zoom/ Record/ Snapshot and Audio.



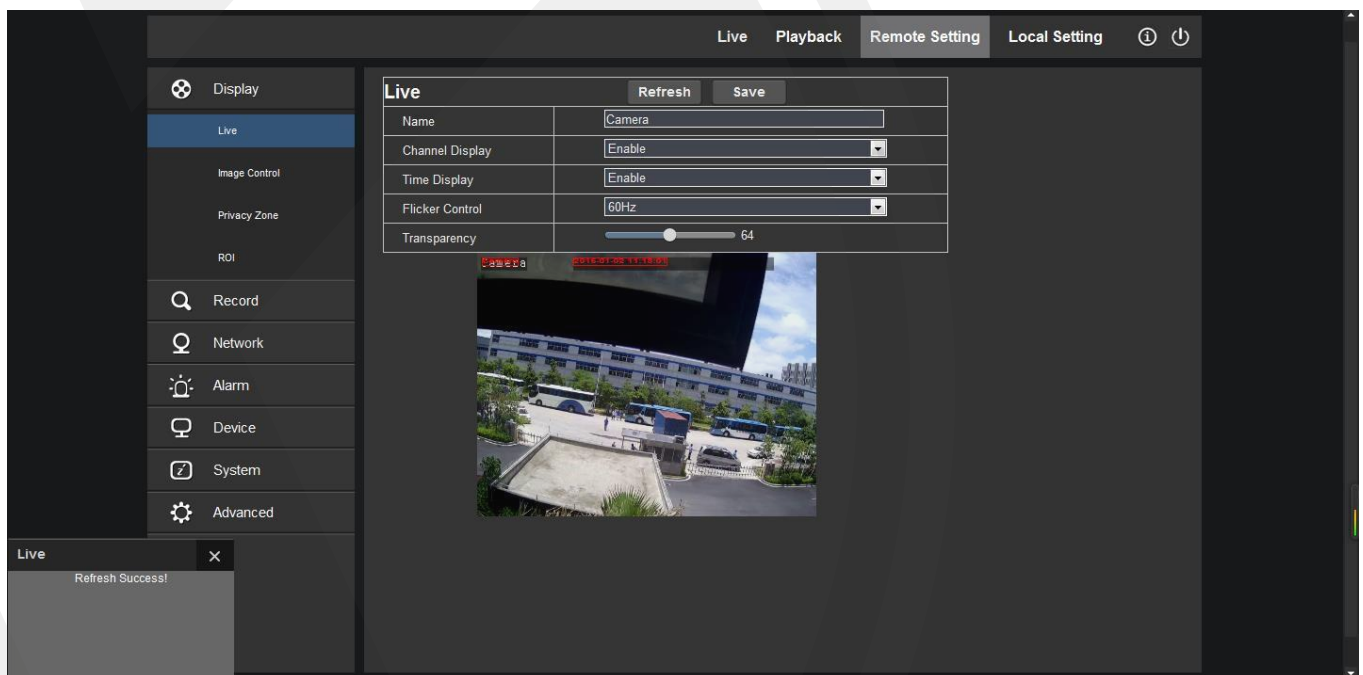
Click “Local Setting” to pop up the following dialog box, User can set Record Path, Download Path, Snapshot recording.

Remote Setting

Display

Live

Click **Remote Setting**, and enter the following interface (Live interface by default)

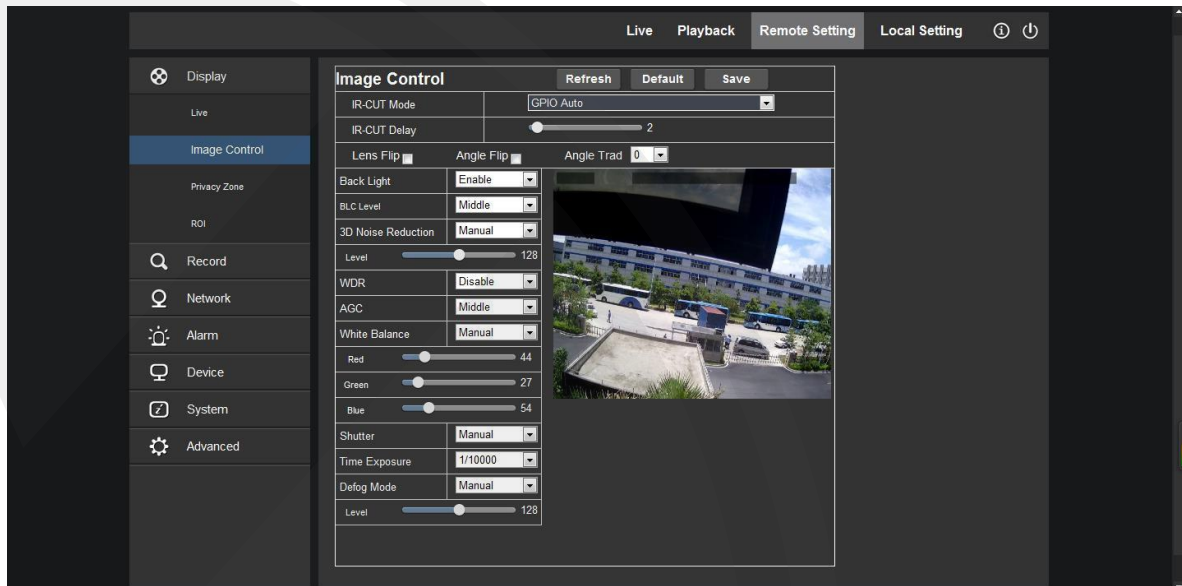


- Channel Name: Name of IPC
- Channel Display: Enable or disable. Customize the display location.
- Time Display Enable or disable. Customize the display location.
- Flicker Control : 50HZ, 60HZ or disable
- Transparency set the transparency of OSD background color.

Image Control

Click (Display) → (Image Control) to enter the following interface.

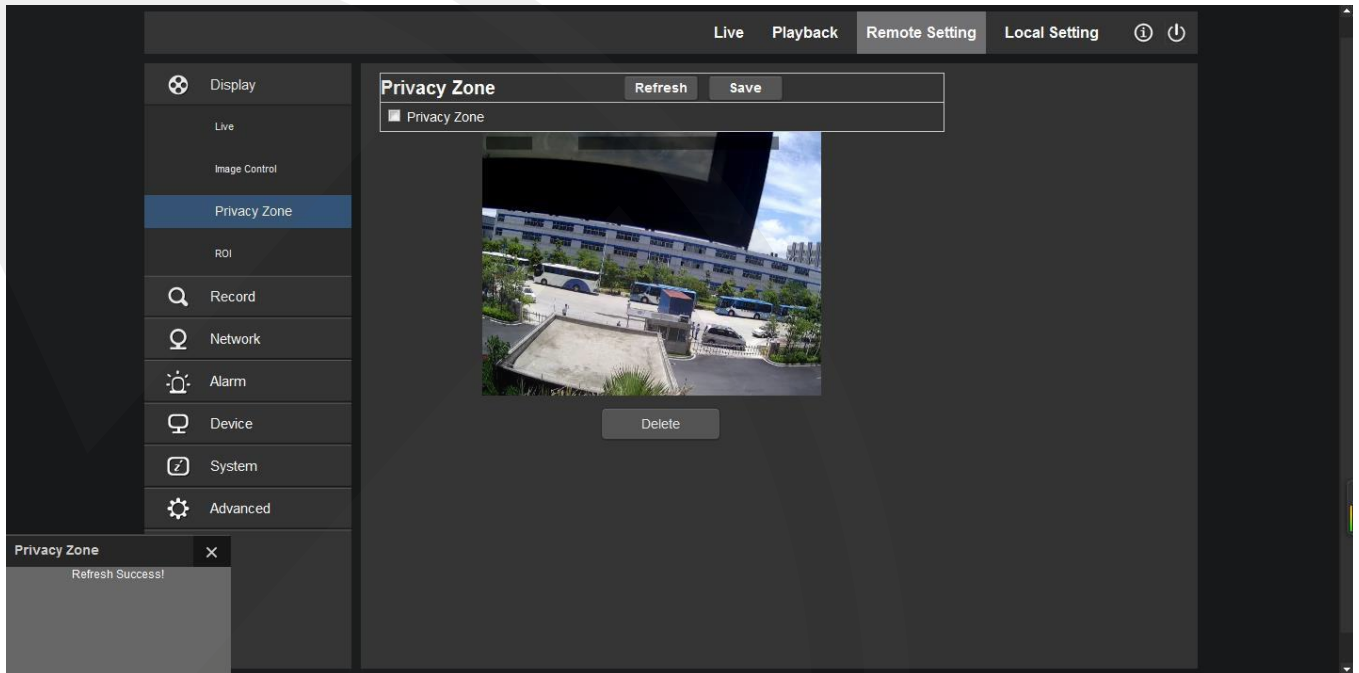
- IRCUTMode: 4modes: GPIO, Auto, Video, Auto, Color Mode and Black & White Mode.



- IR-CUT Delay Set IR cut delay switching time
- Image flip: Lens flip and angle flip
- Back light: Enable or disable the Back light. When enabled, there are three levels: low, middle and high.
- Back light compensation: Can compensate the darkness of the subject caused by shooting against the sunlight. In some application scenario, the field of view may contain a very bright background field, such as the door and window against the light, while the observed subject is surrounded by the bright field. In this case, the photo is gloomy and has no layering. The backlight compensation can be applied to solve the problem.
- 3D Noise Reduction: Enable (auto or manual) or disable the video noise reduction function. Default setting is Auto.
- WDR: Enable or disable WDR function. WDR is a technology that enables the camera to catch the image features with strong contrast.
- DR (Dynamic range) details of the bright part and dark part of image. The larger dynamic range shows richer layers and broader color space.
- AGC: Adjust the level of AGC (low, middle and high)
- White Balance: Auto, manual and indoor
Auto: Optimize according to the current lighting conditions and screen mode and calibrate the video color of the camera.
Manual: Manually adjust red and blue gain of camera video
Indoor: Optimize according to the indoor environment and automatically calibrate the video color of camera.
- Shutter: Auto mode and manual mode. Default mode is Auto.
- Time exposure: Adjust exposure level of camera.

Privacy Zone

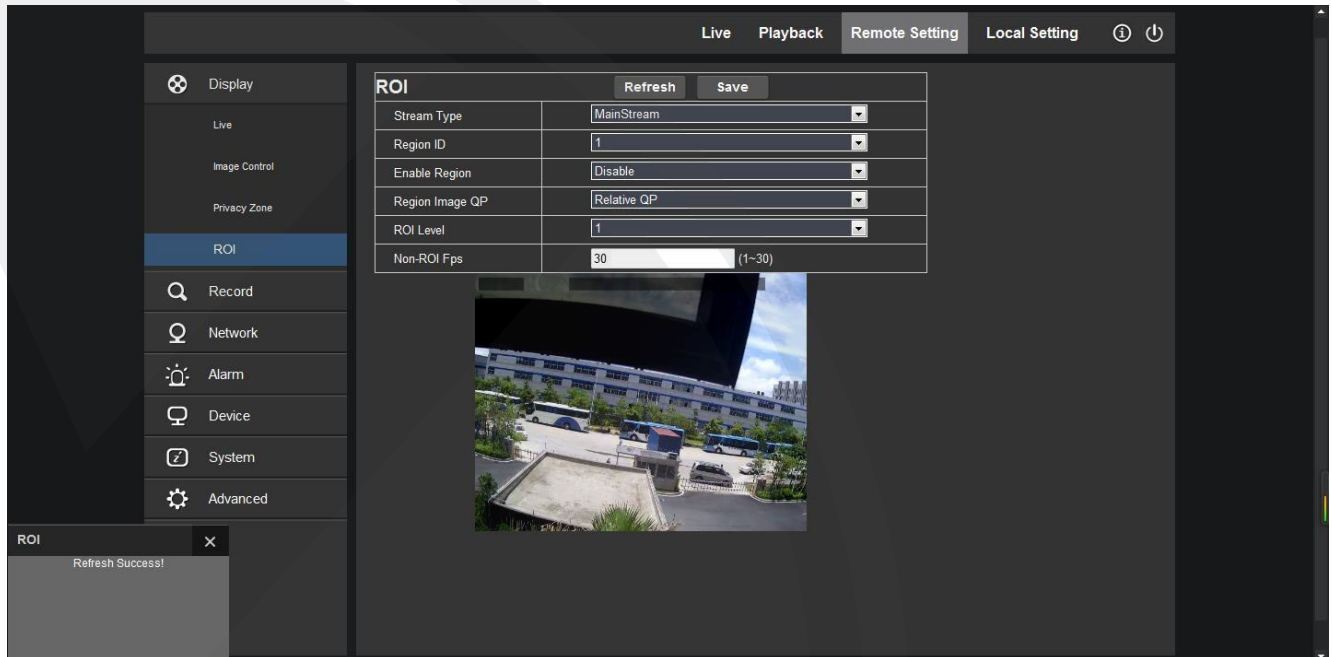
Click (Display) → (Privacy Zone)



Set privacy zone:

1. Click to enable privacy zone.
2. Press and drag left mouse button to select privacy zone (4 zones at maximum).
3. Click Save to make the privacy zone effective. Delete: Click Refresh, select a privacy zone, click Delete, and click Save. The zone will be deleted.

ROI



ROI is region of interest.

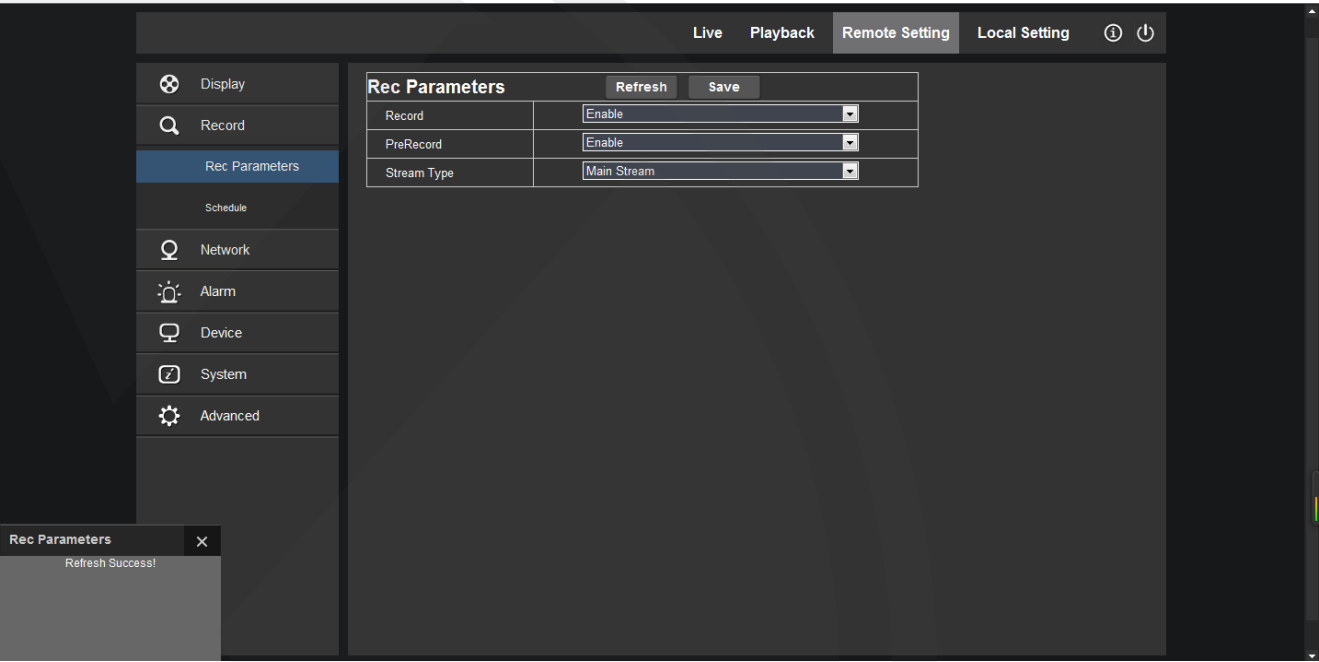
You can draw an area, this area will be adopted to high encode bit rate, when in preview and record, the resolution is high.

Other areas not within the ROI will not be effected. The bit rate is lower, in this way, can save space and bandwidth.

Normally the IPC bitrate is 30fps, after set ROI, this area is still 30fps, and other area can be set lower.

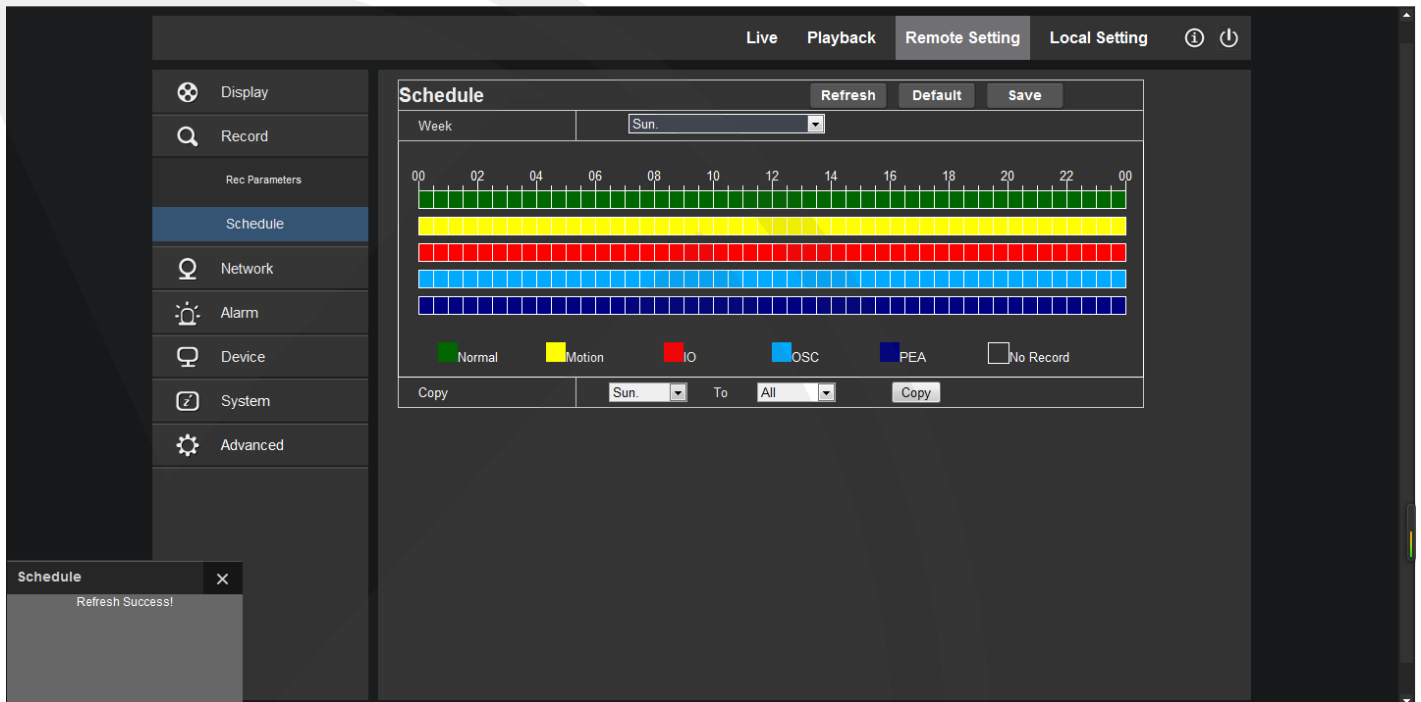
Record

Rec Parameters



Here you can change the recording parameters: Record, Pre Record and Stream type.

Schedule



Here you can change the schedule for recording for–

- Normal recording
- Motion recording
- I/O recording
- OSC recording – Object care alarm – Goods lost or left
- PEA recording – Perimeter alarm

Network

Network Setting

Network Setting	
Type	Static
Client Port	9988
HTTP Port	80
Mobile Port	18004
IP Address	172.18.12.215
Subnet Mask	255.255.0.0
Gateway	172.18.0.1
DNS 1	192.168.1.1
DNS 2	0.0.0.0
UPNP	Enable

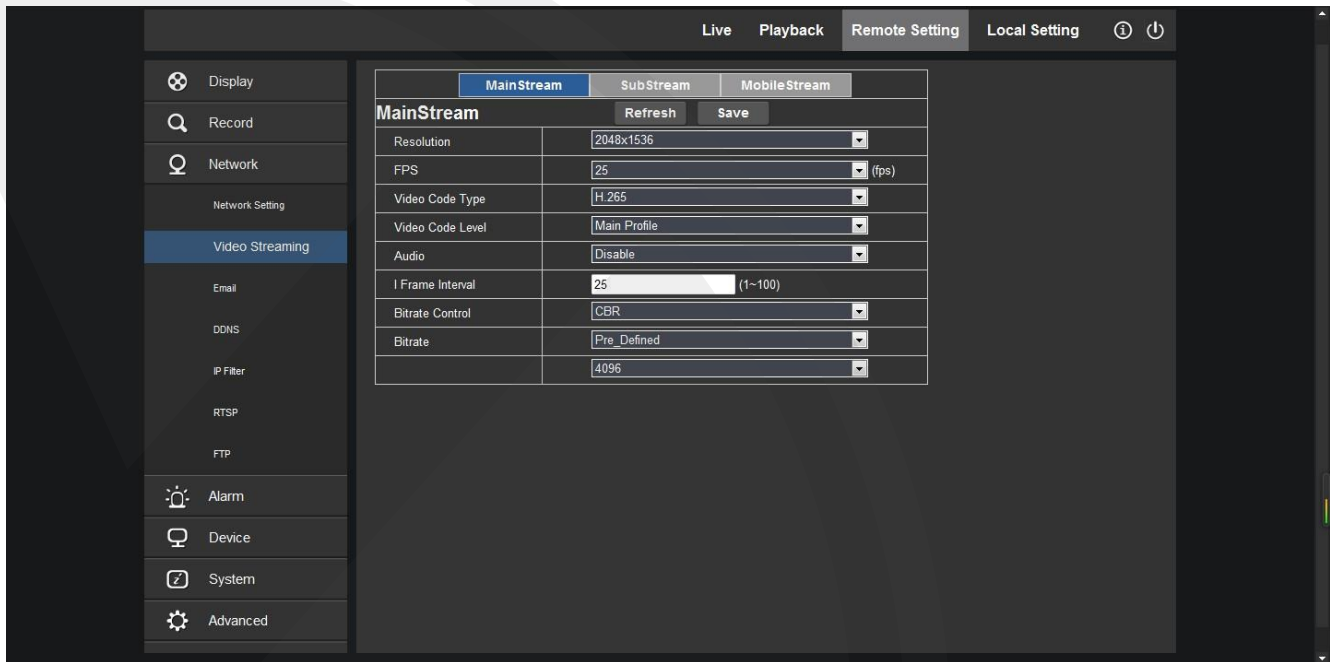
Port Range: 1024-65535
(Media port, web port, mobile phone port)

- Type: DHCP or Static. Default type is Static.
- Client Port: Client port of IPC – For use with XIQCMS
- Web Port: Web port of IPC – Browser access port
- Mobile Port: Connection port of mobile client – For use with XIQ Mobile CMS
- IP address: IP address of IPC
- Subnet Mask: Subnet mask of IPC
- Gateway: Default gateway of IPC
- DNS1/DNS2: Configure DNS server
- UPNP : Enable or disable UPNP function of device.

Note: When UPNP is enabled, user has to set the client port, web port and mobile port in the range of 1024-65535. Client port is used for the connection of self-developed mobile client; Mobile port is used for the connection of XIQ Mobile CMS.

Video Streaming

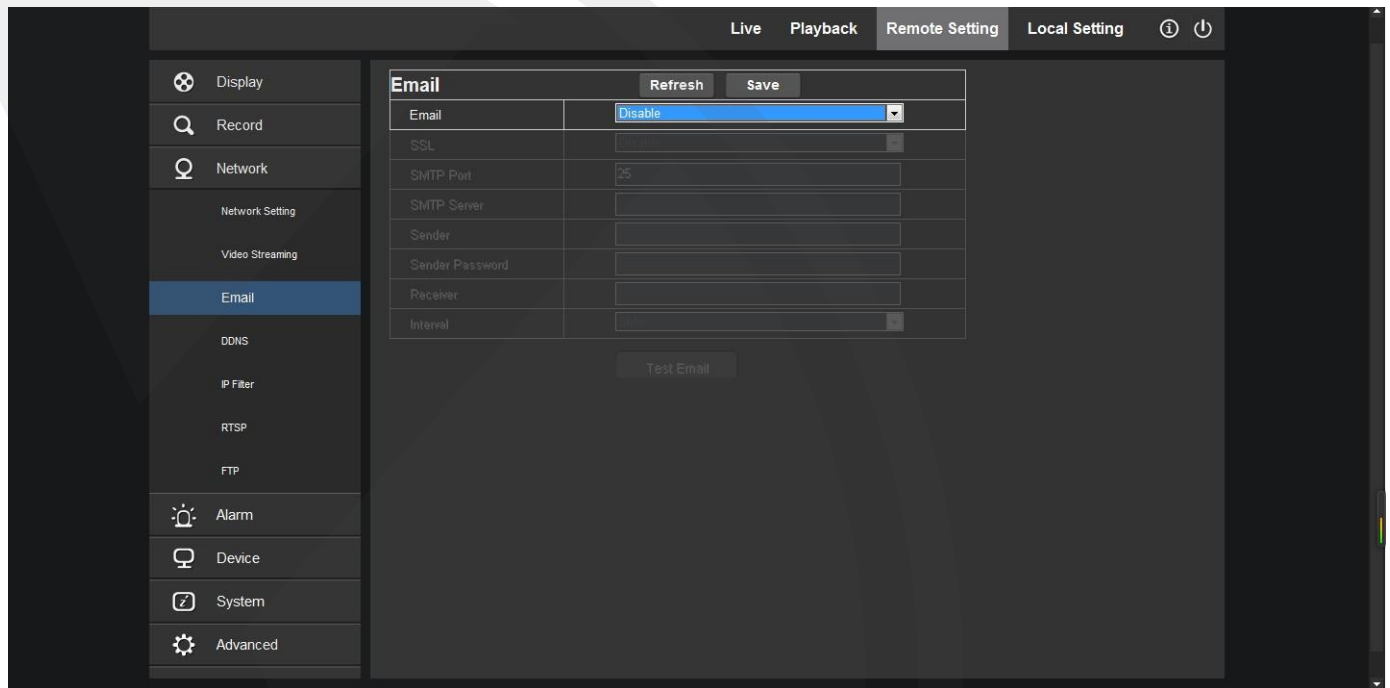
Click (Network) → (Video Streaming)



- Resolution: mainstream (1280×720) , substream (640×480) ,mobilestream (320×240)
- FPS: When flicker control is 50HZ, Can be set as 25 at maximum; when flicker control is 60HZ, can be set as 30 at maximum.
- Audio: Audio control switch for the stream
- I Frame Interval: Set I frame interval
- Rate Control: Set the rate as CBR (Constant Bit Rate) or VBR (Variable Bitrate), these will help if you are experiencing pixelated image across your LAN/WAN on your IPC.
- Bit Control: Set bit rate as fixed value or pre-defined.

Email

Click (Network) → (Email)

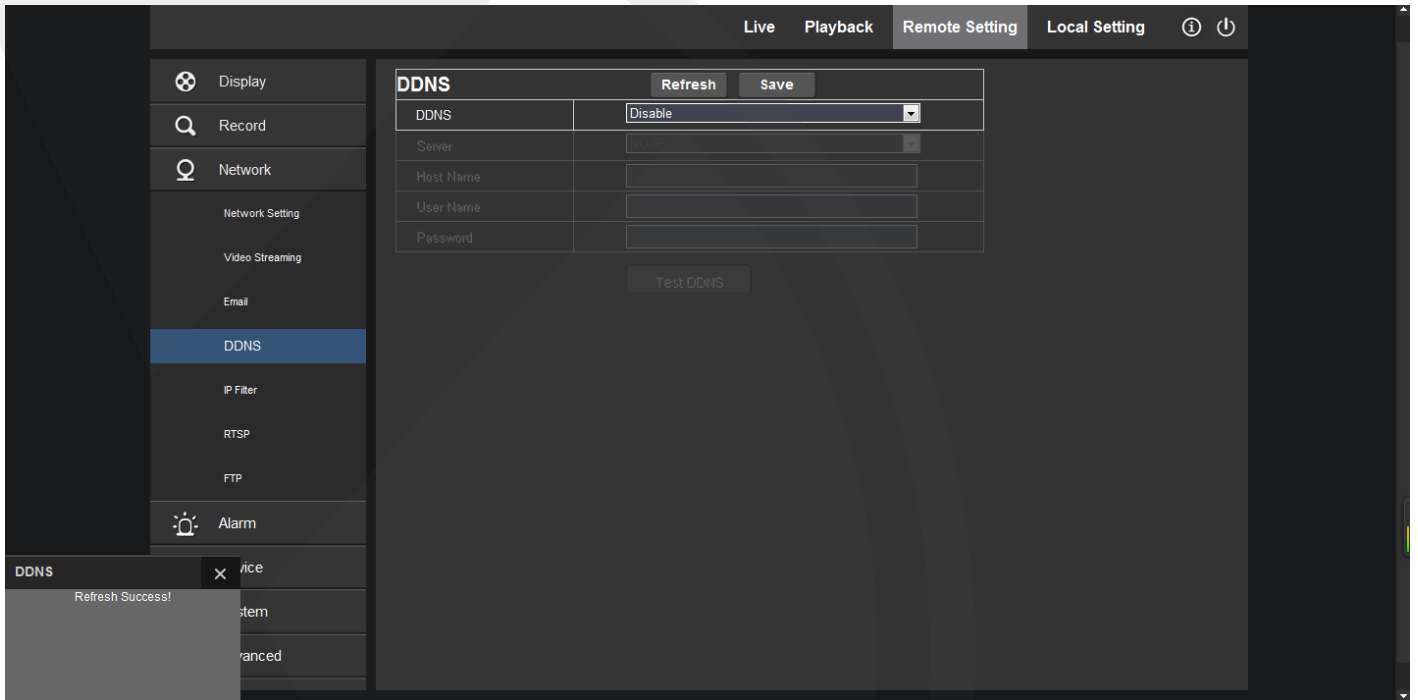


Apply this function with alarm function and the images captured during alarming can be sent to an email receiver.

- Enable Email: Disable or enable
- SSL: Enable if your SMTP Server requires SSL.
- SMTPPort: Defaultvalueportis25
- SMTP Server: Input E-mail SMTP Server address
- Sender Email: Sender's Email address (Account for your IPC to send emails)
- Sender Pwd: Password of sender's Email (Email password for your IPC to send emails)
- Receiver Email: Receiver's Email address (End user to receive emails)
- Interval: Select interval for sending Emails (1min, 3min, 5min,10min)

DDNS

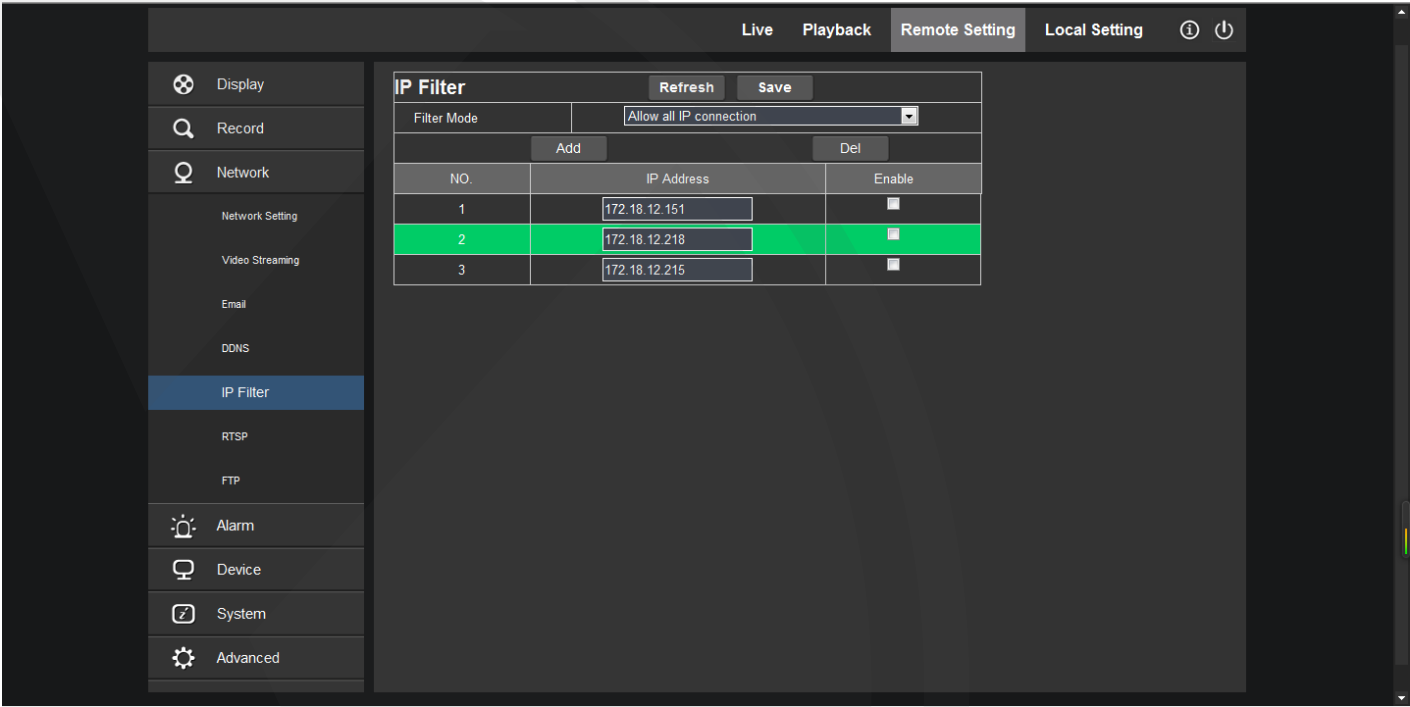
Click (Network) → (DDNS)



- DDNS: Enable
- Host Name: Input the hostname
- Password: User's password
- Server: Select3322
- User Name: User's name

IP Filter

Click (Network) → (IP Filter)



Filter Mode

IP connection: Allow all IP connection, allow all set IP connection, and disable set
Three modes:



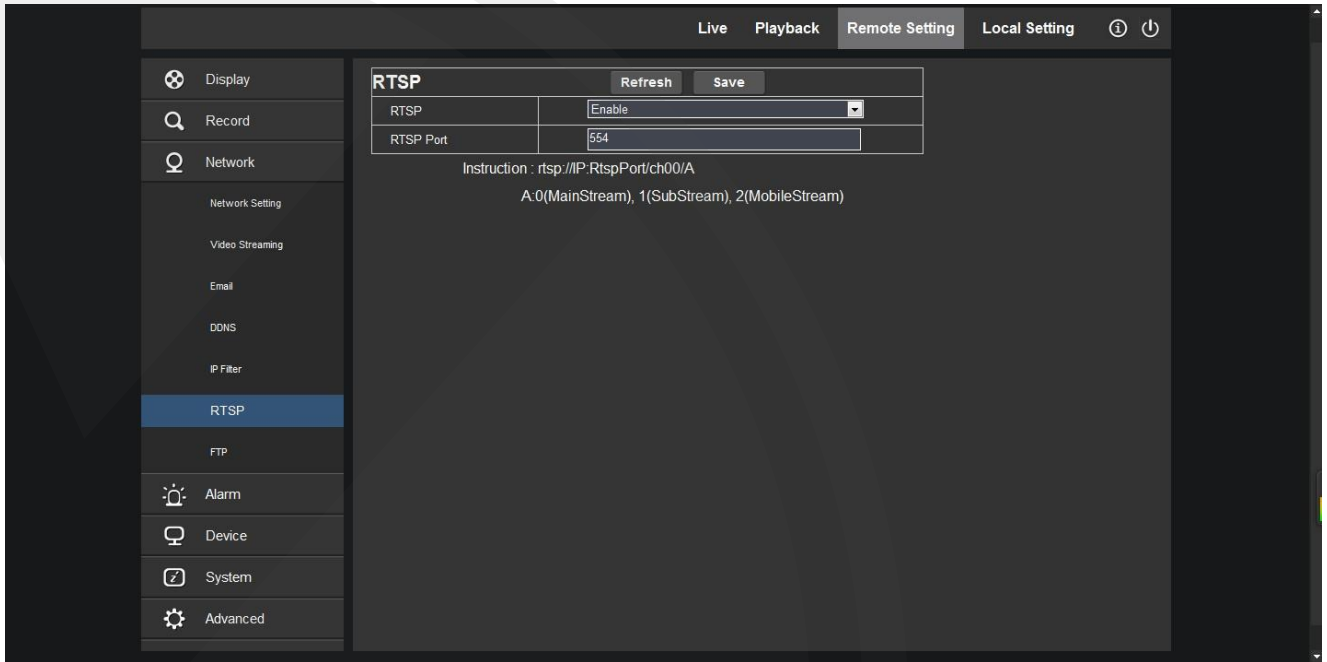
: Add allowed IP or disabled IP



: Delete added IP

RTSP

Click (Network) → (RTSP)



- RTSP: Enable or disable. Default setting is “Enable”. If it is set as “Disable”, user may not find through ONVIF.
- RTSP Port: Default value is 554. The value can be changed in the range of 1024-65535.

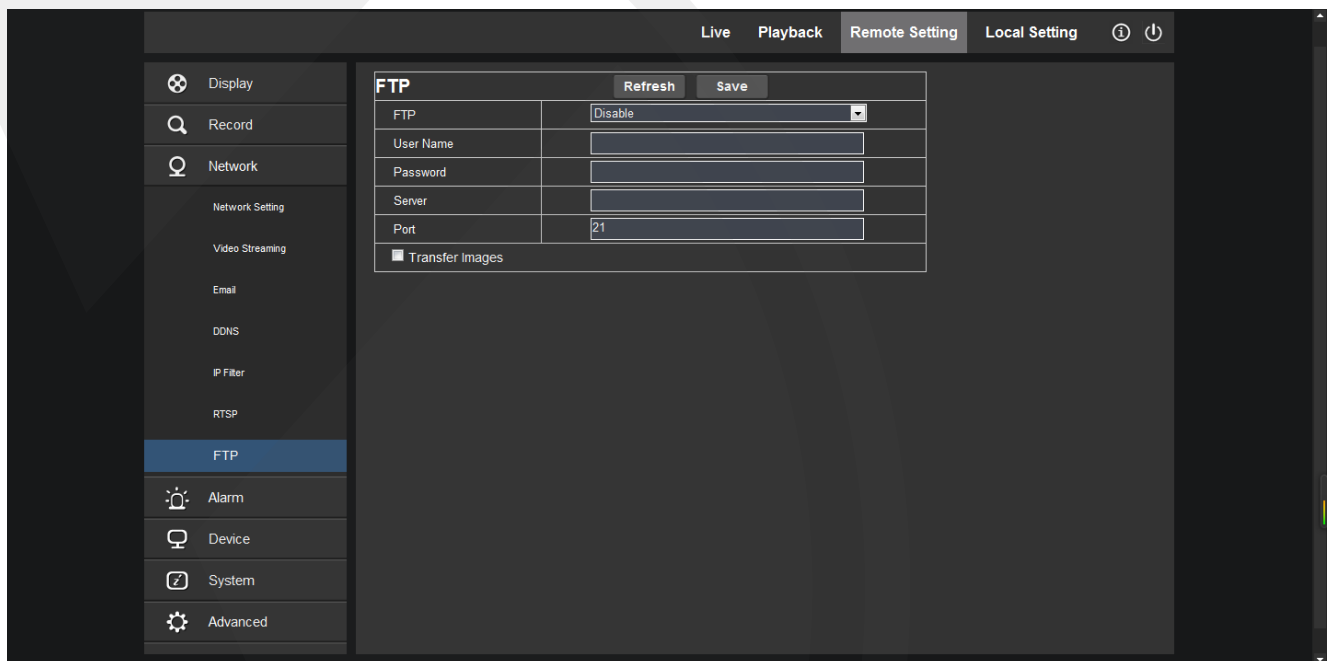
The IPC will reboot if any changes are made.

Description:

- RTSP://IP:Port/A
- IP: IP address of the device
- Port: RTSP port of the device
- A: 0, 1, 2 - 0 refers to main stream, 1 refers to sub stream, 2 refers to mobile stream.

FTP

Click (Network) → (FTP)



FTP service setting. This function is applied together with alarm function. The captured images or alarm recording can be uploaded to FTP server through network.

FTP: Enable or disable

User Name: User name for visiting FTP

Password: Password for visiting FTP

FTP Server: Input FTP server address

Port: FTP service port, default value is 21

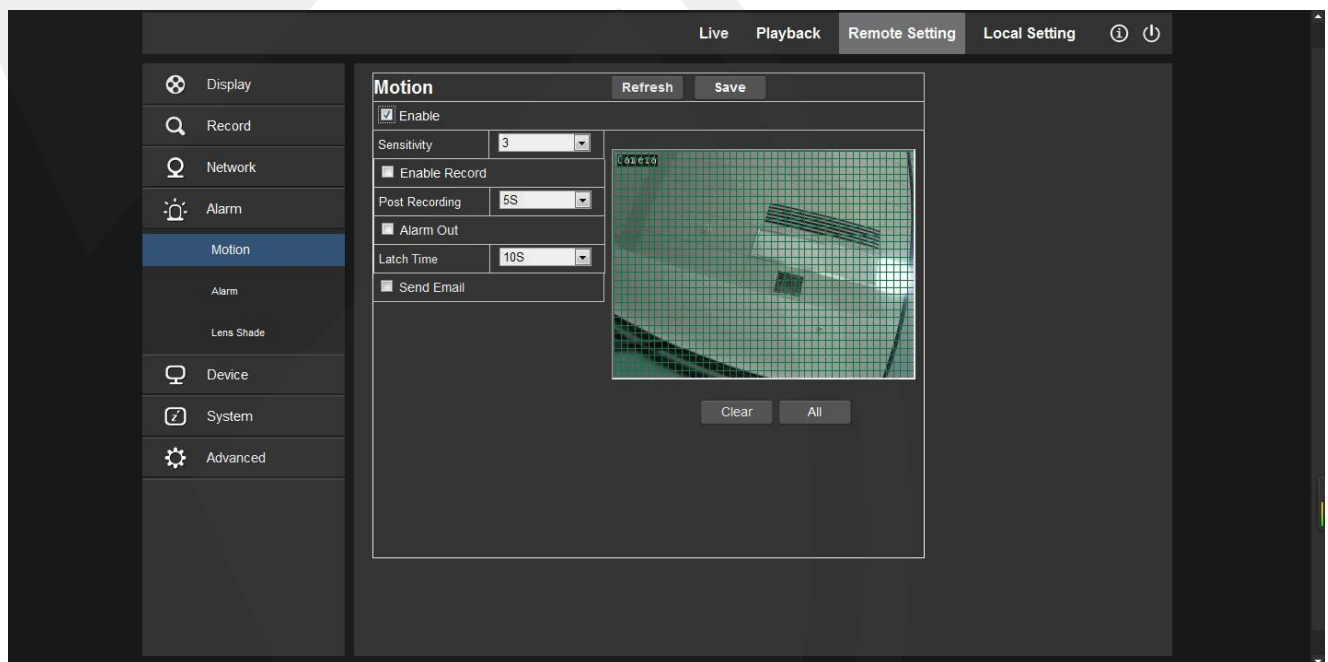
Transfer Images: Click to transfer images

Transfer Stream: Click to transfer stream

Alarm

Motion

Click (Alarm) → (Motion)



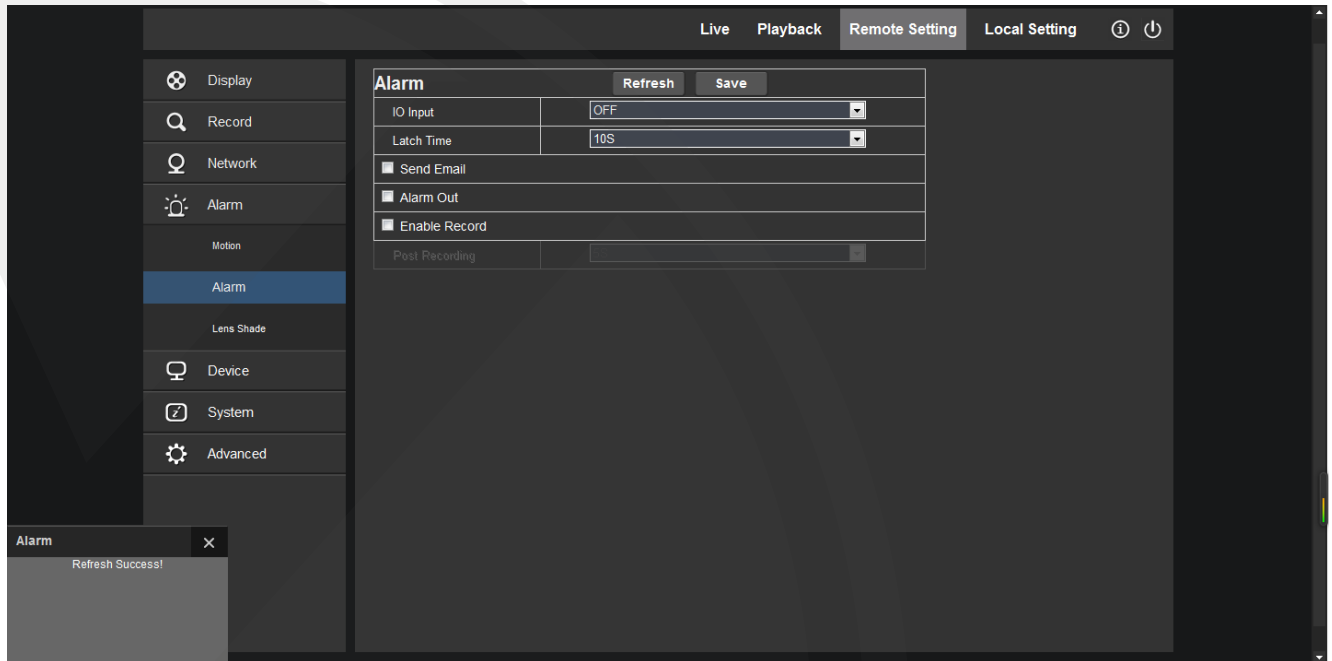
Setting procedure:

1. Click to enable motion detection.
2. Click and drag left mouse button to select motion detection area.
3. Set motion detection sensitivity **R ange: 1-8. Larger number indicates higher Sensitivity.)**
4. Link SMTP to send by Email
5. Click Save to make the settings effective.

When the motion alarm is triggered, the screen on the live interface will appear with a green character “M”.

Alarm

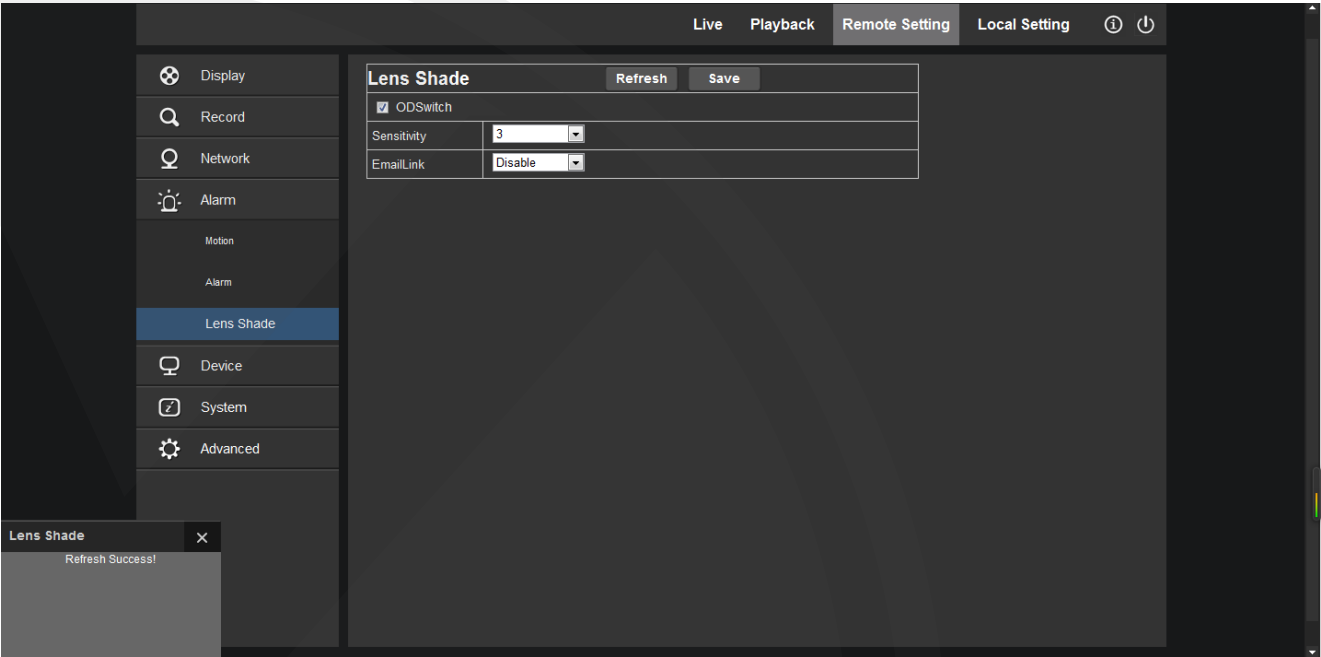
Click (Alarm) → (Alarm)



Some of the IPC have Alarm I/O function, you can enable what happens when these are triggered here. (Not all IPC support Alarm I/O).

Lens Shade

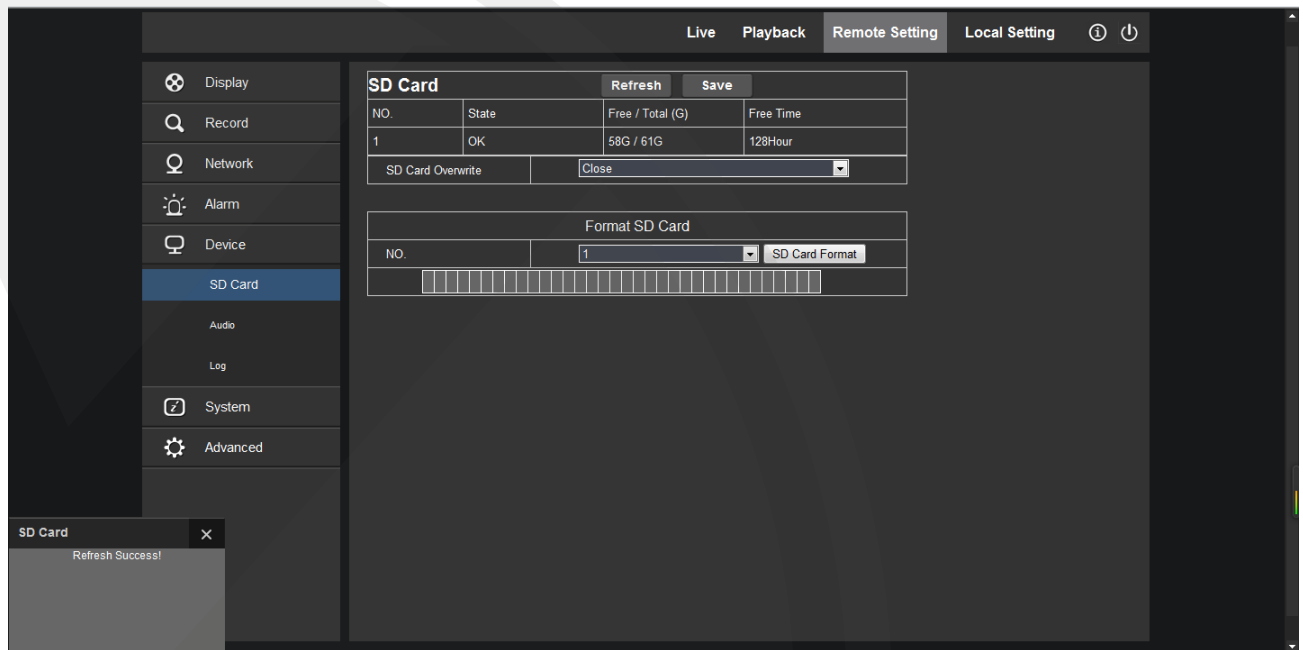
Click (Alarm) → (Lens Shade)



This is a smart alarm, it will alarm and can FTP if the lends is blocked.

Device

SD Card



Here you can format the SD card and also change if the SD card is overwritten.

Please note that only the X2C4000DVP and X2C4000VAP support SD card.

Log

Click (Device) → (Log)

Log Info

Search

Major Type: All Log

Begin Time: 2015-08-13 00:00:00

End Time: 2015-08-13 23:59:59

No.	Time	Operation	Log Info
1	2015-08-13 11:21:24	System Time Modify	①
2	2015-08-13 11:17:31	SD card Format	①
3	2015-08-13 11:17:12	Login Success	①
4	2015-08-13 10:33:01	Login Success	①
5	2015-08-13 10:31:20	Lenscover End	①
6	2015-08-13 10:31:15	Lenscover Begin	①
7	2015-08-13 10:26:56	Login Success	①
8	2015-08-13 09:52:40	PEA Alarm End	①
9	2015-08-13 09:52:32	Lenscover End	①
10	2015-08-13 09:52:27	Lenscover Begin	①

First Pre 1 2 3 4 5 6 7 8 Next Last

Total 8 Pages, Goto OK

Log Type:

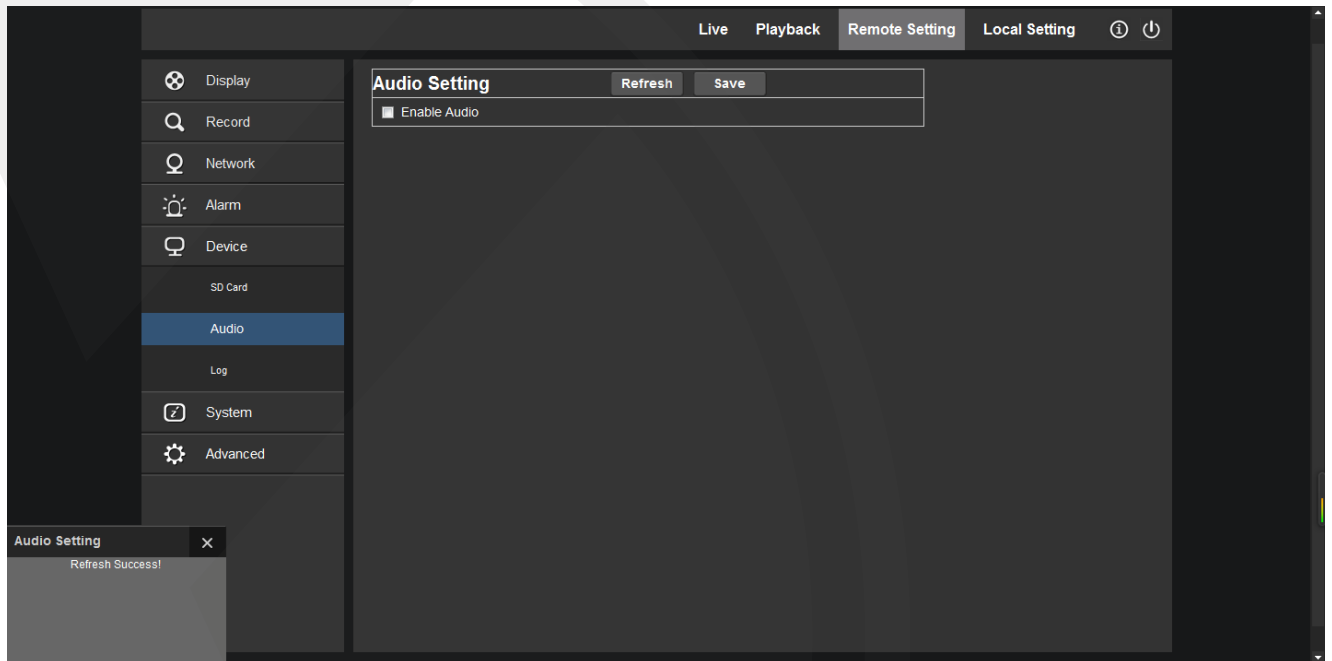
- System Log
- Parameter Log
- Alarm Log
- Storage Log
- All Log

Set the begin time and end time of the searched log.

1. Click "Search" and the corresponding log information will be displayed below;
2. Click "Delete" and the device log will be removed;
3. Click "Refresh" and the selected log information will be refreshed.

Audio

Click (Device) → (Audio)

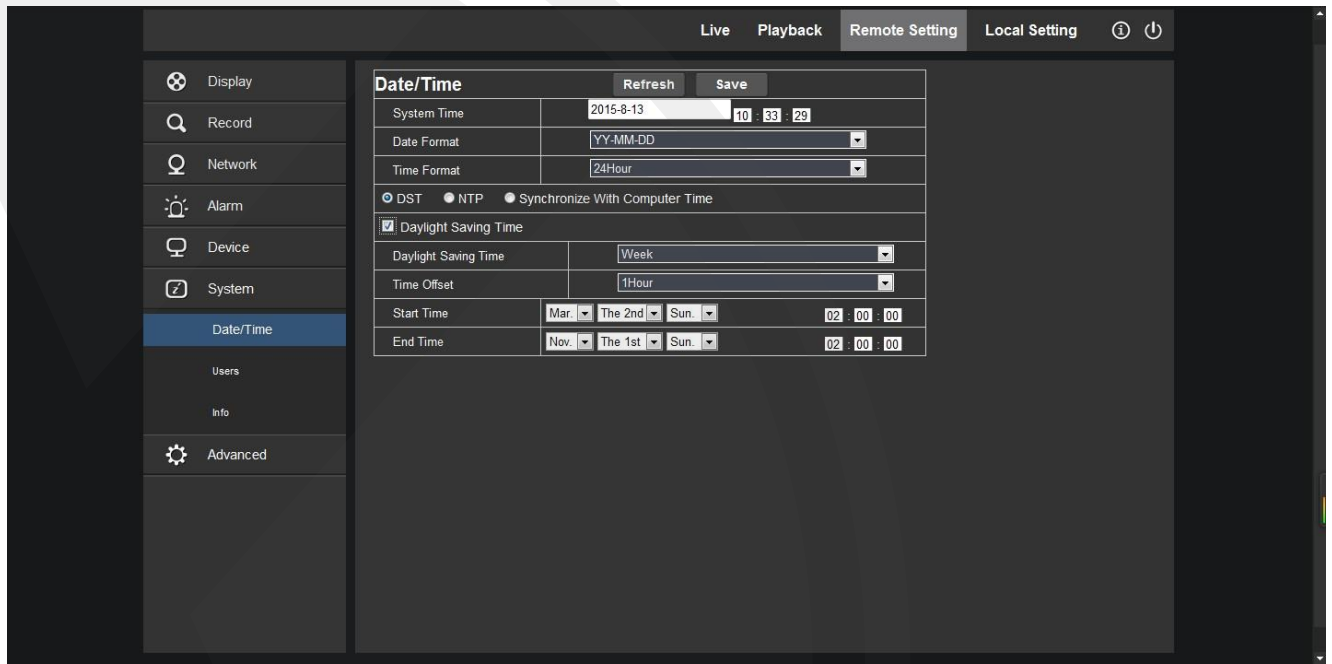


Audio settings for IPC, output settings range from 0 to10

System

Date/Time

Click (System) → (Date/Time)



In this interface, you can set Date/Time, including System Time, Date Format and Time Format.

After setting, click Save.

The device also provides three kinds of automatic time synchronization

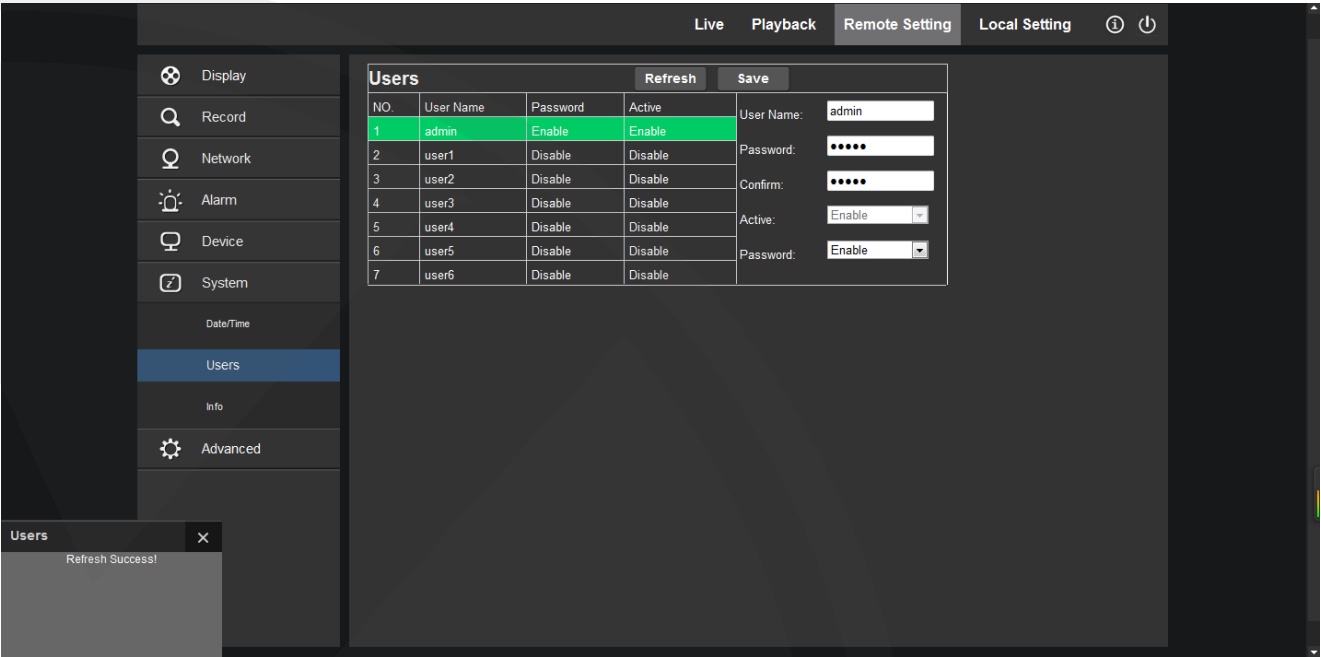
DST : Click DST to enable DST function. The device will synchronize time.

NTP : Synchronize time with NTP server.

Synchronize with computer time.

Users

Click (System) → (Users)

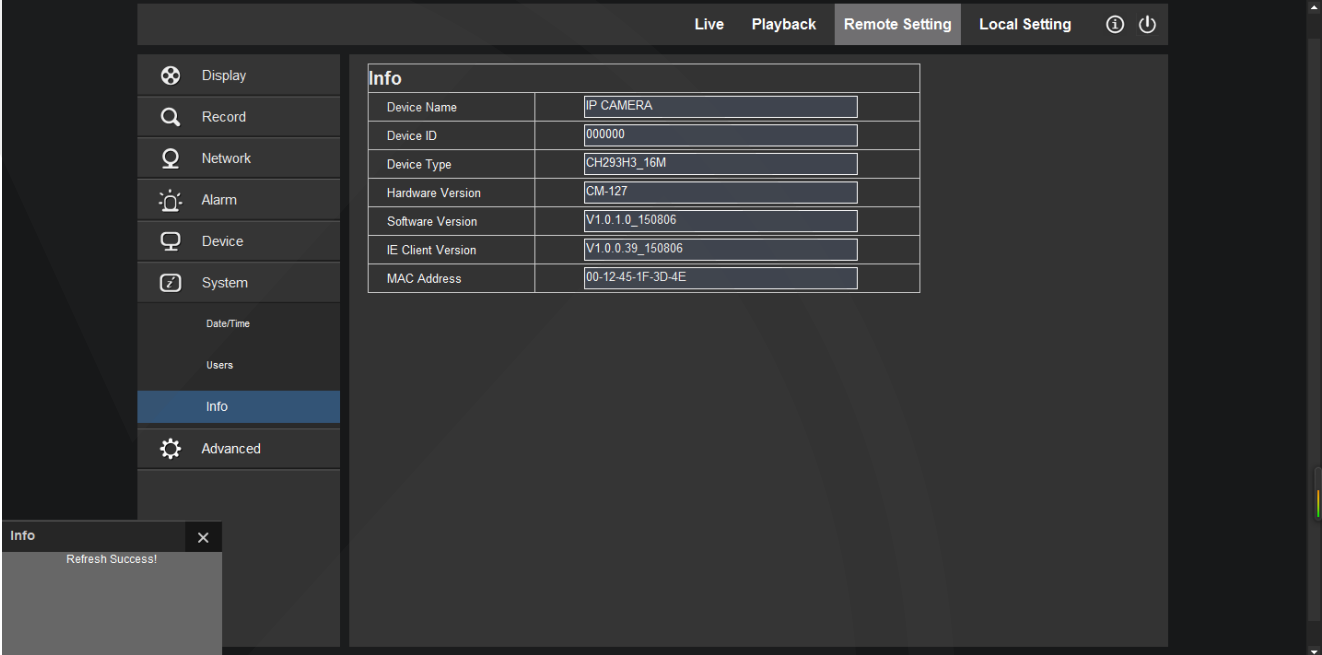


Here you can add and modify the users who have access to the IPC.

You can also change Users permissions and access rights, note that you cannot change the Admin accounts permissions.

Info

Click (System) → (Info)



The screenshot shows a web-based system management interface. At the top, there are tabs for 'Live', 'Playback', 'Remote Setting', and 'Local Setting'. The 'Remote Setting' tab is active. On the left, a sidebar menu contains options: Display, Record, Network, Alarm, Device, System, Date/Time, Users, Info (highlighted), and Advanced. The main content area is titled 'Info' and contains a table with the following data:

Info	
Device Name	IP CAMERA
Device ID	000000
Device Type	CH293H3_16M
Hardware Version	CM-127
Software Version	V1.0.1.0_150806
IE Client Version	V1.0.0.39_150806
MAC Address	00-12-45-1F-3D-4E

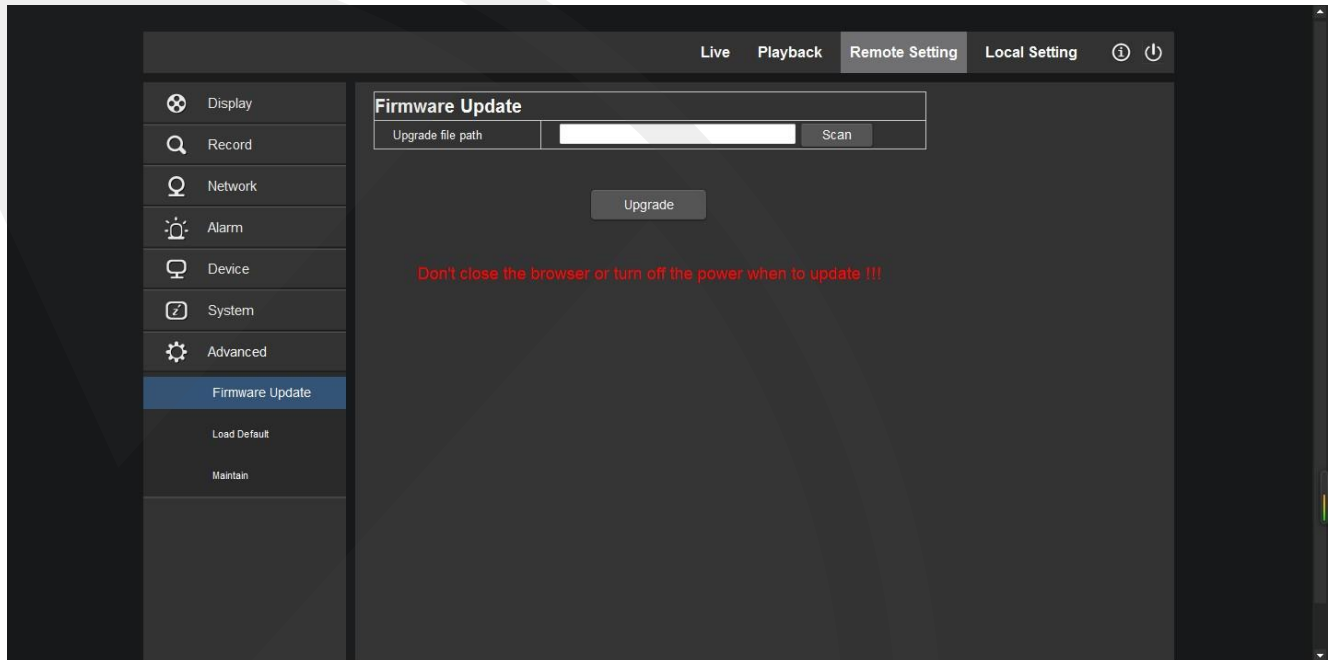
At the bottom left, a small 'Info' dialog box is visible with the message 'Refresh Success!' and a close button.

System information of the IPC, such as Device Type, MAC Address, Software Version, Etc.

Advanced

Firmware Update

Click (Advanced) → (Firmware Update)



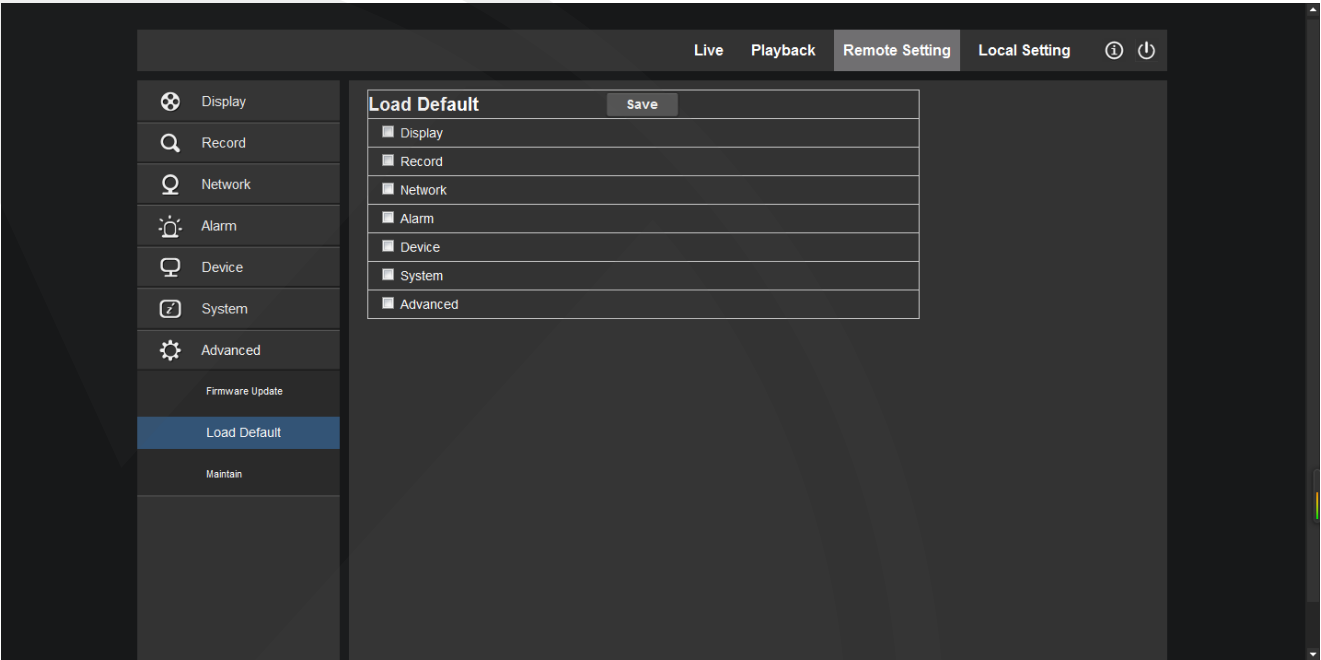
You can download the latest firmware from www.xvision.com, once downloaded you will need to unzip the file in the folder, place this on your desktop or downloads folder.

Press the “Scan” button and locate the downloaded file.

Note: It will take about 5 minutes to update the firmware **Do not** remove power or network during updating.

Load Default

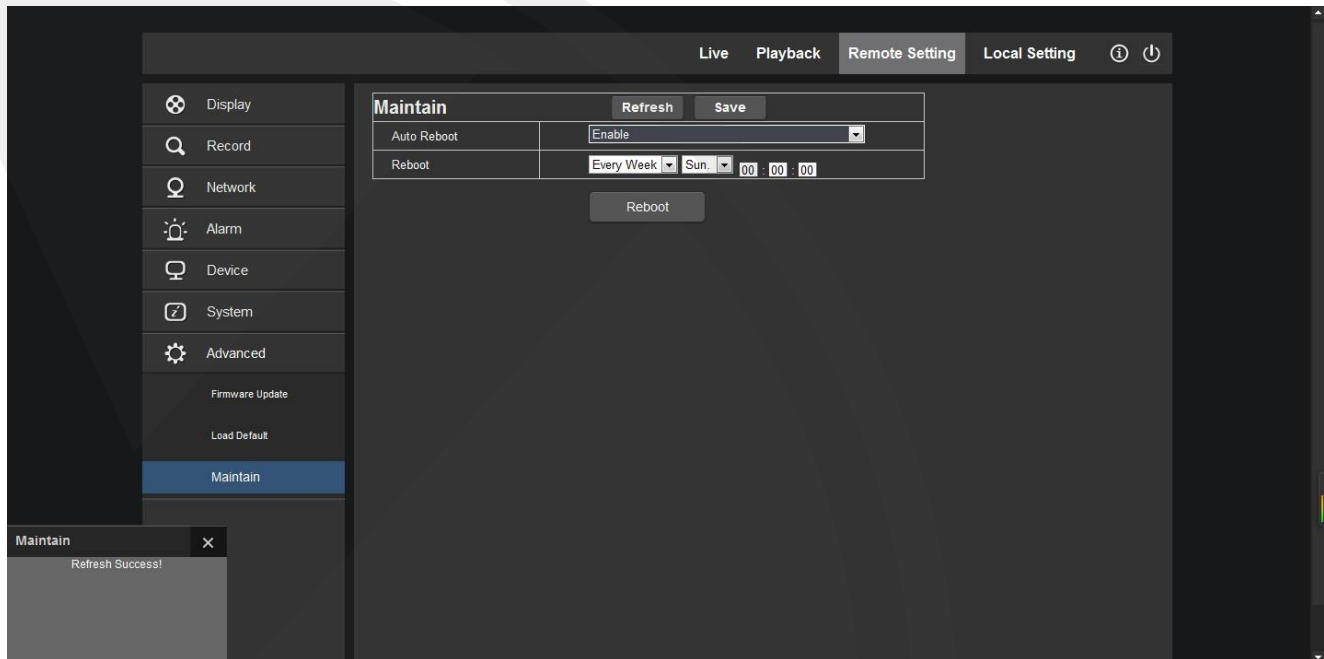
Click (Advanced) → (Load Default)



Use this option to restore the IPC to its factory default, you can also default only certain options.

Maintain

Click (Advanced) → (Maintain)



In “Maintain” interface, you may set periodical reboot or manual reboot.

PEA (Perimeter Alarm)

Here you can enable the PEA.

PEA		Refresh	Save
Switch	(Enable)		
Latch Time	(10S)		
Post Recording	(5S)		
Sensitive	(1)		
Scene	(Indoor)		
☐ Enable I/O Out			
☐ Send Email			
☐ Record Channel			
Rule Number	1		
Rule Switch	Enable		
Rule Type	Perimeter		
Two-way	Disable		

- Switch: Enable-on, Disable-off.
- Latch Time: Continued alarm output time after trigger alarm, the optional time can be 10S , 20S , 40S , 60S , unit is seconds.
- Post Recording: Continued record time after trigger alarm finished, the optional time can be 10S , 20S , 40S , 60S , unit is seconds.
- Sensitive: The parameter range is 0~4 , the default value is 2. If set the sensitive Higher, the object to be monitored is easy to detect, but also it may give you more false triggers.
- Scene: Scene setup, Indoor, Outdoor.
- Enable I/O Out: Trigger alarm if with I/Output.
- Send Email: When the alarm is triggered, then an email will be sent to notify. You will need to enable the email function and server information, you can find this in (Remote Setting-Network-Email).
- Record Channel: Record this channel.
- Rule Number: Rule Number, maximum4.
- Rule Switch: Every rule switch, Enable-on, Disable-off.

- Rule Type: Every rule with a type, Trap Wire-draw warning line, Perimeter-draw Perimeter.
- Two-way: Detection when line is crossed 2ways.

Rule Number	1
Rule Switch	Enable
Rule Type	Trap Line
Two-way	Disable

Camera 2015-08-14 Fri 03:05:52 PM

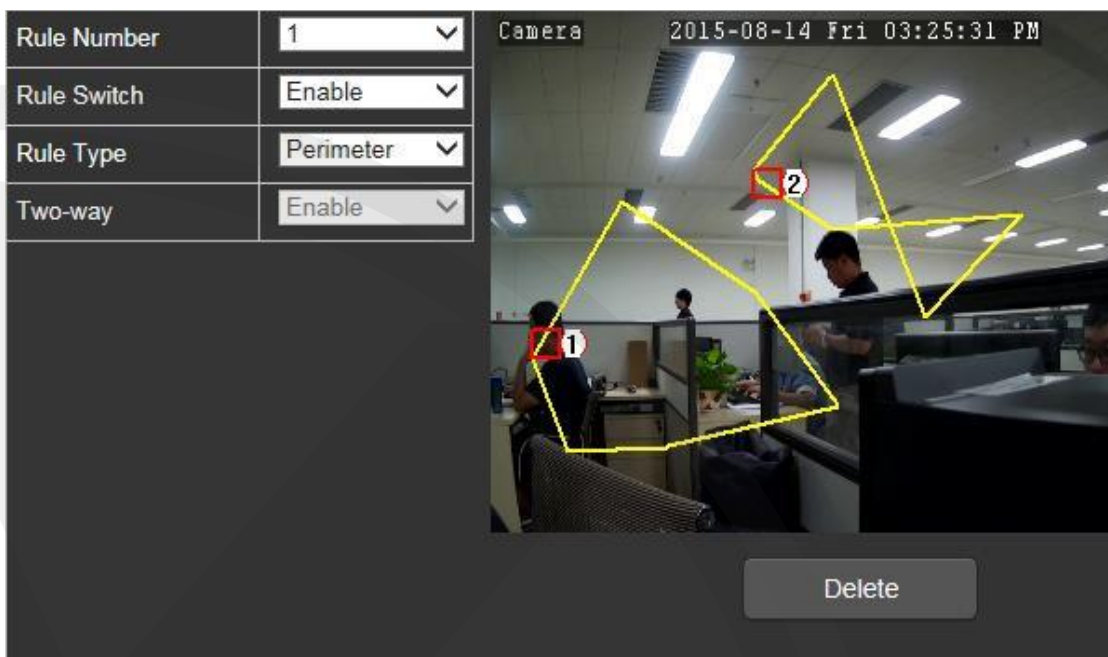
Delete

Rule Number	1
Rule Switch	Enable
Rule Type	Trap Line
Two-way	Enable

Camera 2015-08-14 Fri 03:19:04 PM

Delete

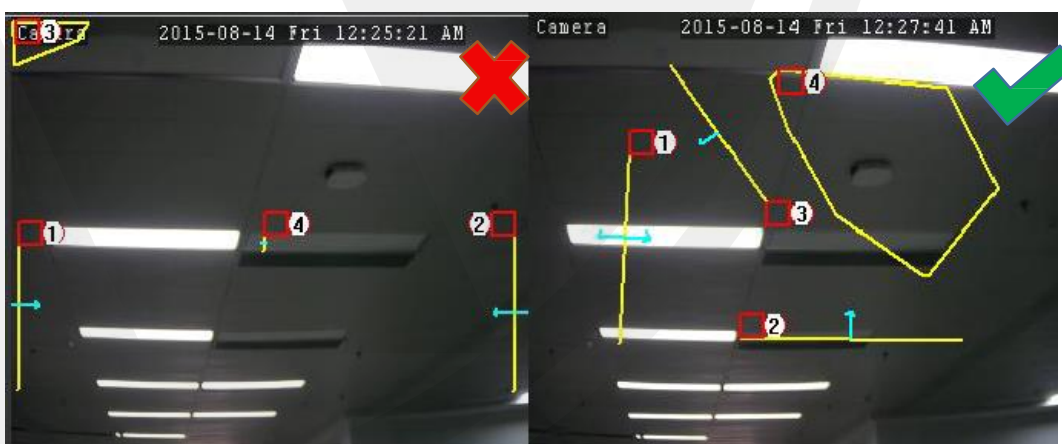
- Trap Wire: Use the mouse to draw from top to bottom, this will detect the object come from left to right. When you use the mouse to draw from bottom to top, this will detect the object from right to left. If two-way is open, then it will detect the object come from two directions.



- Perimeter: Detect any object passing through from this area, use the mouse to place 7 positions, this will become a closed perimeter, when Rule Type set to Perimeter, then Two-way does not work.

Notice :

- 1) Warning line and perimeter setup cannot to be too close to the four side of video, the IPC will find it difficult to trigger when an object passes through it.
- 2) Warning line cannot be set too short, if object passes through from the outside of it, no alarm will trigger.



OSC –Object Care

Object loss detection.

OSC Refresh Save

Switch	Enable
Latch Time	10S
Post Recording	5S
Sensitive	1
Scene	Indoor

☐ Enable I/O Out

☐ Send Email

☐ Record Channel

Rule Number	1	Camera	2015-08-14 Fri 01:38:23 PM
Rule Switch	Enable		
Rule Type	Legacy		
Areas Enable	☒ Area1 ☐ Area2 ☐ Area3 ☐ Area4		

Delete

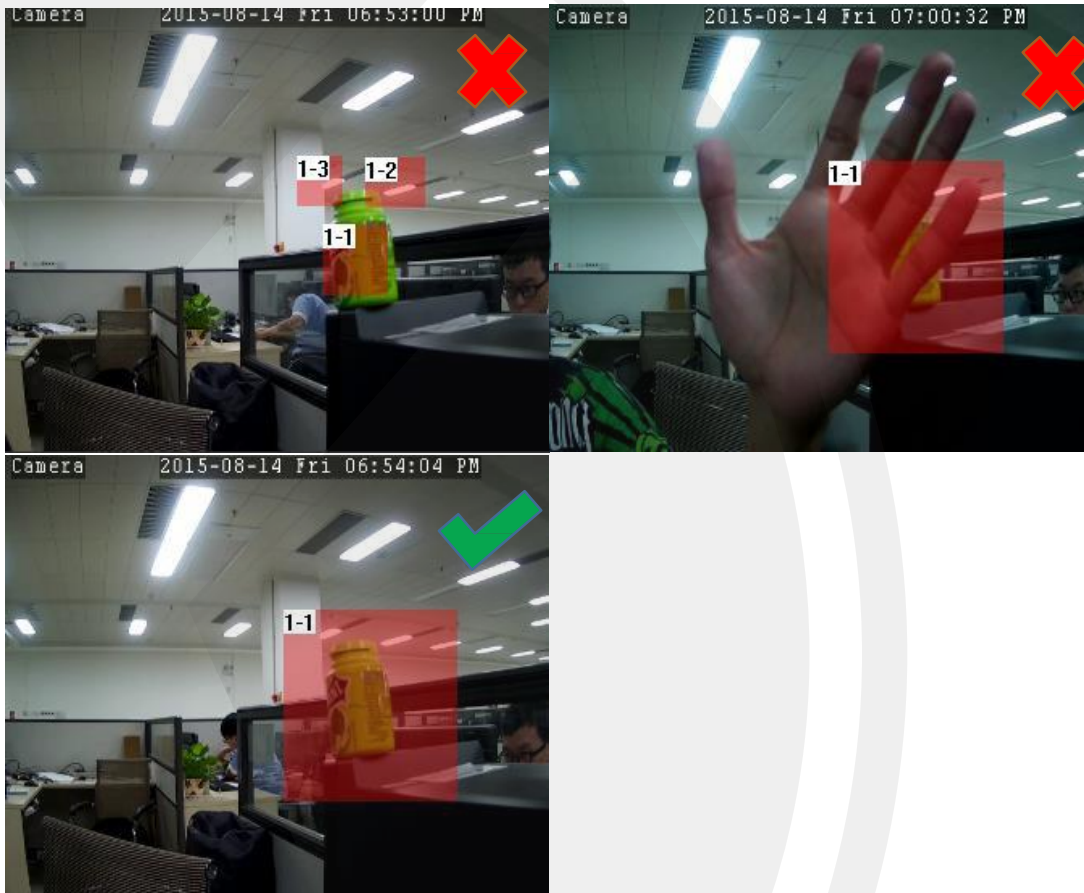
- Switch: Enable-on, Disable-off.
- Latch Time: Continued alarm output time after trigger alarm, the optional time can be 10S , 20S , 40S , 60S , unit is seconds.
- Post Recording: Continued record time after trigger alarm finished, the optional time can be 10S , 20S , 40S , 60S , unit is seconds.
- Sensitive: The parameter range is 0~4 , the default value is 2. If set the sensitive Higher, the object to be monitored is easy to detect, but also it may give you more false triggers.
- Scene: Scene setup, Indoor, Outdoor
- Enable I/O Out: Trigger alarm if with I/Output.
- Send Email: When the alarm is triggered, then an email will be sent to notify. You will need to enable the email function and server information, you can find this in (Remote Setting-Network-Email).
- Record Channel: Record this channel.
- Rule Number: Rule Number, maximum4.
- Rule Switch: Every rule switch, Enable-on, Disable-off.
- Rule Type: Every rule with a type, Legacy-detect if leave behind, Lost-detect if get lost.
- Areas Enable: Every rule to be related quantity to be setup, drag mouse to set zone size.

Rule Number	1	▼	Camera 2015-08-14 Fri 06:05:00 PM  Delete
Rule Switch	Enable	▼	
Rule Type	Legacy	▼	
Areas Enable	☒ Area1		
	☒ Area2		
	☒ Area3		
	☒ Area4		

Rule Number	2	▼	Camera 2015-08-14 Fri 06:04:31 PM  Delete
Rule Switch	Enable	▼	
Rule Type	Lost	▼	
Areas Enable	☒ Area1		
	☒ Area2		
	☒ Area3		
	☒ Area4		

Notice :

- 1) the zone to be detected needs to be larger than the object, example of how not to set,
- 2) the detected object cannot be covered by other things.



Tips Remember that once you have setup the view if you move the IPC you will need to reset the PEA and OSC.

X2C4000 Specification's

Model	X2C4000BP
Lens Size	3.6mm
Night Vision	IR cut filter with auto switch
Minimum Illumination	0.03Lux @(F1.2,AGC ON) ,0 Lux with IR
Video Resolution & Frame Rates	3MP (2048*1536) / Real-Time(50HZ:25fps60HZ:30fps); 4MP Half real-time
Weather Resistant(IP Rating)	IP66 Indoor/Outdoor
Vandal Resistant	Metal Housing
Video Compression	H.265/H.264/MJPEG
Image Sensor Resolution	3MP (2048*1536) / 4MP(2592*1520)
DSP Features	A7@ 600MHz , 32KB I-Cache , 32KBD-Cache /128KB L2cache
Video Streams	mainstream, sub stream, mobile stream
Network Connection	1 RJ45 10M / 100M Ethernet interface and 1RS-485interface
Network Protocols	TCP/IP、 UDP、 RTP/RTCP、 RTSP、 HTTP、 SMTP 、 DNS、 DDNS、 DHCP、 FTP、 NTP、 PPPOE、 UPNP(SNMP、 HTTPS、
Mobile Phone Support	iOS and Android system –XIQ Mobile CMS
Power Over Ethernet	12 VDC $\pm$ 10%,PoE
Operating Voltage	12VDC
Dimensions(mm)	Ø68x154.5mm
Weight(Kg)	350g

Model	X2C4000BVP
Lens Size	2.8-12mm
Night Vision	IR cut filter with auto switch
Minimum Illumination	0.03Lux @(F1.2,AGC ON) ,0 Lux with IR
Video Resolution & Frame Rates	3MP (2048*1536) / Real-Time(50HZ:25fps60HZ:30fps); 4MP Half real-time
Weather Resistant(IP Rating)	IP66 Indoor/Outdoor
Vandal Resistant	Metal Housing
Video Compression	H.265/H.264/MJPEG
Image Sensor Resolution	3MP (2048*1536) / 4MP(2592*1520)
DSP Features	A7@ 600MHz , 32KB I-Cache , 32KBD-Cache /128KB L2cache
Video Streams	mainstream, sub stream, mobile stream
Network Connection	1 RJ45 10M / 100M Ethernet interface and 1RS-485interface
Network Protocols	TCP/IP、 UDP、 RTP/RTCP、 RTSP、 HTTP、 SMTP 、 DNS、 DDNS、 DHCP、 FTP、 NTP、 PPPOE、 UPNP(SNMP、 HTTPS、
Mobile Phone Support	iOS and Android system –XIQ Mobile CMS
Power Over Ethernet	12 VDC ± 10%,PoE
Operating Voltage	12VDC
Dimensions(mm)	Ø75x220mm
Weight(Kg)	638g

Model	X2C4000DVP
Lens Size	2.8-12mm
Night Vision	IR cut filter with auto switch
Minimum Illumination	0.03Lux @(F1.2,AGC ON) ,0 Lux with IR
Video Resolution & Frame Rates	3MP (2048*1536) / Real-Time(50HZ:25fps60HZ:30fps); 4MP Half real-time
Weather Resistant(IP Rating)	Indoor
Vandal Resistant	Plastic
Video Compression	H.265/H.264/MJPEG
Image Sensor Resolution	3MP (2048*1536) / 4MP(2592*1520)
DSP Features	A7@ 600MHz , 32KB I-Cache , 32KBD-Cache /128KB L2cache
Video Streams	mainstream, sub stream, mobile stream
Network Connection	1 RJ45 10M / 100M Ethernet interface and 1RS-485interface
Network Protocols	TCP/IP、 UDP、 RTP/RTCP、 RTSP、 HTTP、 SMTP 、 DNS、 DDNS、 DHCP、 FTP、 NTP、 PPPOE、 UPNP(SNMP、 HT0S、
Mobile Phone Support	iOS and Android system –XIQ Mobile CMS
Power Over Ethernet	12 VDC ± 10%,PoE
Operating Voltage	12VDC
Dimensions(mm)	Ø145x115mm
Weight(Kg)	408g

Model	X2C4000MP
Lens Size	3.6mm
Night Vision	IR cut filter with auto switch
Minimum Illumination	0.03Lux @(F1.2,AGC ON) ,0 Lux with IR
Video Resolution & Frame Rates	3MP (2048*1536) / Real-Time(50HZ:25fps60HZ:30fps); 4MP Half real time
Weather Resistant(IP Rating)	IP66 Indoor/Outdoor
Vandal Resistant	Metal Housing
Video Compression	H.265/H.264/MJPEG
Image Sensor Resolution	3MP (2048*1536) / 4MP(2592*1520)
DSP Features	A7@ 600MHz , 32KB I-Cache , 32KBD-Cache /128KB L2cache
Video Streams	mainstream, sub stream, mobile stream
Network Connection	1 RJ45 10M / 100M Ethernet interface and 1RS-485interface
Network Protocols	TCP/IP、 UDP、 RTP/RTCP、 RTSP、 HTTP、 SMTP 、 DNS、 DDNS、 DHCP、 FTP、 NTP、 PPPOE、 UPNP(SNMP、 HTTPS、
Mobile Phone Support	iOS and Android system –XIQ Mobile CMS
Power Over Ethernet	12 VDC ± 10%,PoE
Operating Voltage	12VDC
Dimensions(mm)	99.7x99.1x56.8mm
Weight(Kg)	450g

Model	X2C4000VP
Lens Size	3.6mm
Night Vision	IR cut filter with auto switch
Minimum Illumination	0.03Lux @(F1.2,AGC ON) ,0 Lux with IR
Video Resolution & Frame Rates	3MP (2048*1536) / Real-Time(50HZ:25fps60HZ:30fps); 4MP Half real time
Weather Resistant(IP Rating)	IP66 Indoor/Outdoor
Vandal Resistant	Metal Housing
Video Compression	H.265/H.264/MJPEG
Image Sensor Resolution	3MP (2048*1536) / 4MP(2592*1520)
DSP Features	A7@ 600MHz , 32KB I-Cache , 32KBD-Cache /128KB L2cache
Video Streams	mainstream, sub stream, mobile stream
Network Connection	1 RJ45 10M / 100M Ethernet interface and 1RS-485interface
Network Protocols	TCP/IP、 UDP、 RTP/RTCP、 RTSP、 HTTP、 SMTP 、 DNS、 DDNS、 DHCP、 FTP、 NTP、 PPPOE、 UPNP(SNMP、 HTTPS、
Mobile Phone Support	iOS and Android system –XIQ Mobile CMS
Power Over Ethernet	12 VDC ± 10%,PoE
Operating Voltage	12VDC
Dimensions(mm)	Ø126.6x89.8mm
Weight(Kg)	470g

Model	X2C4000VAP
Lens Size	2.8-12mm
Night Vision	IR cut filter with auto switch
Minimum Illumination	0.03Lux @(F1.2,AGC ON) ,0 Lux with IR
Video Resolution &Frame Rates	3MP (2048*1536) / Real-Time(50HZ:25fps60HZ:30fps); 4MP Half real-time
Weather Resistant(IP Rating)	IP66 Indoor/Outdoor
Vandal Resistant	Metal Vandal Housing
Video Compression	H.265/H.264/MJPEG
Image Sensor Resolution	3MP (2048*1536) / 4MP(2592*1520)
DSP Features	A7@ 600MHz , 32KB I-Cache , 32KBD-Cache /128KB L2cache
Video Streams	mainstream, sub stream, mobile stream
Network Connection	1 RJ45 10M / 100M Ethernet interface and 1RS-485interface
Network Protocols	TCP/IP、UDP、RTP/RTCP、RTSP、HTTP、SMTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、UPNP(SNMP、HTTPS、
Mobile Phone Support	iOS and Android system –XIQ Mobile CMS
Power Over Ethernet	12 VDC ± 10%,PoE
Operating Voltage	12VDC
Dimensions(mm)	Ø147x111.3mm
Weight(Kg)	844g

FAQ

- No video stream on IE

Please check the Active x controls have been installed, make sure you have added the IPC IP address to the list of trusted sites and amended your Active x controls.

- Cannot find IPC on my LAN

Confirm that your PC IP Address is within the same IP Range as the default IP Address range.

Also check your power supply and cable if using POE.

- No live image on the XIQCMS

Try and connect to the IPC on your LAN first using the XIQCMS, if this work when away from your IPC LAN; please connect to WIFI and try and connected. If this works but over 3/4G you get no connection/image, please contact your mobile provider as they may be blocking access on the XIQCMS mobile port 9988. You can also try and change this port and then try and get access again.

For more help and guides please visit <http://www.xvision.com>

Manufactured exclusively for:



www.xvision.com



RoHS
Compliant



TECHNICAL SUPPORT

For technical support, please contact your local distributor.

Alternatively, 0871 222 1430

LIMITED WARRANTY

This product is supplied with a 12 month warranty (extendable to 3 years). The warranty excludes products that have been misused (including accidental damage) and damage caused by normal wear and tear. In the unlikely event that you encounter a problem with this product, it should be returned to the place of purchase.

Xvision UK, Unit 2 Valley Point, Beddington Farm Road, Croydon, Surrey CR0 4WP

www.xvision.com