



HsWebplugin.exe User Manual

For IE

Version: V5.1.38.5

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Statement:

Thanks for purchasing from us. Please feel free to contact our service whenever you need help.

This is universal product manual for Network HD Cameras. Features and functions vary with different products, please refer to our physical commodity and the fast manual.

This manual is your reference for operations and encodings. Related functions, specific orders, detailed menu-tree as well as fast manual are included. Please read it before installation or use.

This manual might contain some technical or print errors. Any enhancement in product features shall be added into the manual consistently without further notice.

Safety Instruction

This manual is intended to ensure that user can use the product properly without danger or any property loss. Please read it carefully and take care of it for further reference.

Precaution measures are divided into “warnings” and “cautions”, as below:

Warnings: Neglecting any of the warnings may cause death or serious injury.

Cautions: Neglecting any of the cautions may cause injury or equipment damage.

 <p>Warning Follow these safeguards to avoid death or serious injury</p>	 <p>Caution Follow these precautions to Prevent potential injury or Property loss</p>
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Warning

Electrical safety regulations of the nation and the region must be strictly followed during installation or use.

1. Please use the matched power adapter from standard company.
2. Do not connect multiple IPCs with one single power adapter(Overload for adapter may lead to over-heat or fire hazard.
3. Shut down the power while connecting or dismounting the device. Do not operate with power on.
4. The device should be firmly fixed when installed onto the wall or beneath the ceiling.

5. Shut down the power and unplug the power cable immediately when there is smoke, odor or noise rising from the IPC. Then contact the dealer or service center.
6. Please contact the local dealer or latest service center when IPC works abnormally. Do not attempt to disassemble or modify the device yourself. (We shall shoulder no responsibility for problems caused by unauthorized repair or maintenance)



Cautions

1. Do not drop anything onto the dome, avoid it from physical strike. Keep it away from high electromagnetism radiation surroundings. Do not install it at vibration surface or places subjecting to strike. (Ignorance can cause equipment damage).
2. Do not aim the camera at ultra-bright objects, such as the sun, filament lamp, or will damage the camera.
3. Use it inside and keep it away from rain and moisture
4. Avoid exposing to direct sunlight, poor-ventilation or heat source such as heater, radiator(Ignorance can cause fire hazard)
5. To avoid physical damage, extreme environment such as lampblack, water vapour, too hot or dusty are not allowed.
6. Please use soft and dry cloth to clean the shell. Use neutral cleaner instead of alkaline when the dirt is difficult to get rid of.

Introduction

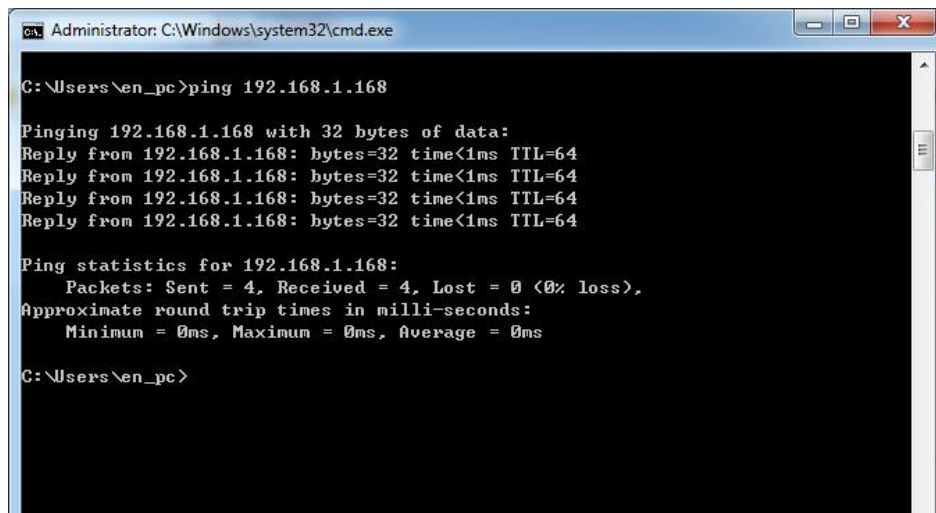
This manual describes in detail the HsWebplugin.exe controls site installation, usage and interface operations.

1、Install The HsWebplugin.exe Controls

1.1 Preparation Before Install

In ensuring the IPC and the current user's computer after completion of all the hardware connection and power equipment normal, open the computer, run ping the IP address of the IPC (Note: the IP address of the IPC in LAN must be unique).

Such as IPC IP for 192.168.1.168, run ping 192.168.1.168. If there is a response to the IPC as shown in the figure below, said the network connection is normal, you can download the plug-in.



```
Administrator: C:\Windows\system32\cmd.exe

C:\Users\len_pc>ping 192.168.1.168

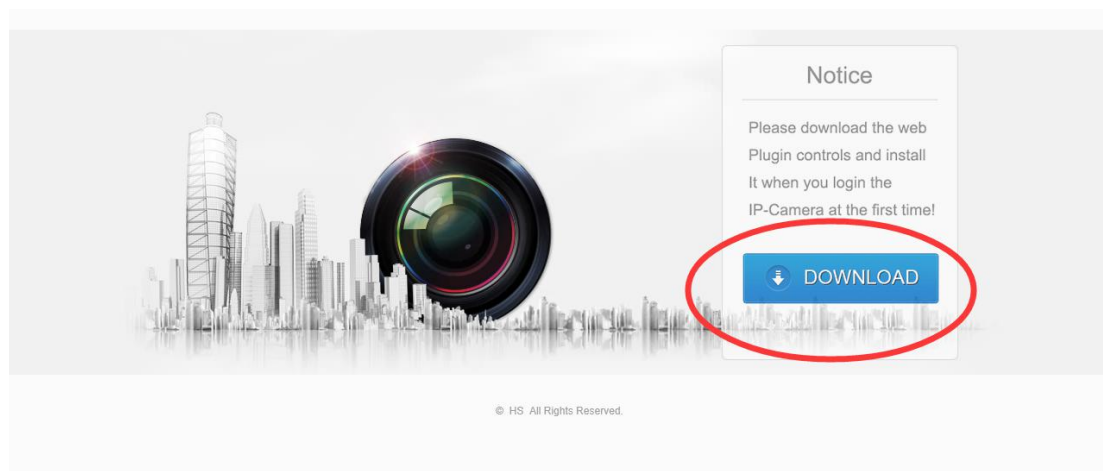
Pinging 192.168.1.168 with 32 bytes of data:
Reply from 192.168.1.168: bytes=32 time<1ms TTL=64
Reply from 192.168.1.168: bytes=32 time<1ms TTL=64
Reply from 192.168.1.168: bytes=32 time<1ms TTL=64
Reply from 192.168.1.168: bytes=32 time<1ms TTL=64


Ping statistics for 192.168.1.168:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

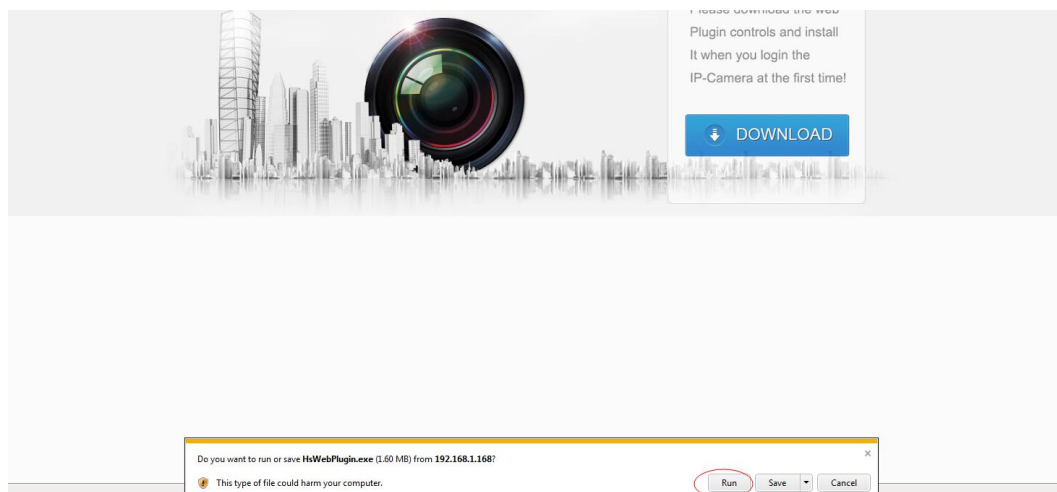
C:\Users\len_pc>
```

1.2 Install The HsWebplugin.exe Controls

Please open the IE browser and input the IP address of IPC in the address bar. (For the first time to use the default address is: <http://192.168.1.168>), you will be prompted to download information. As shown in figure 1:

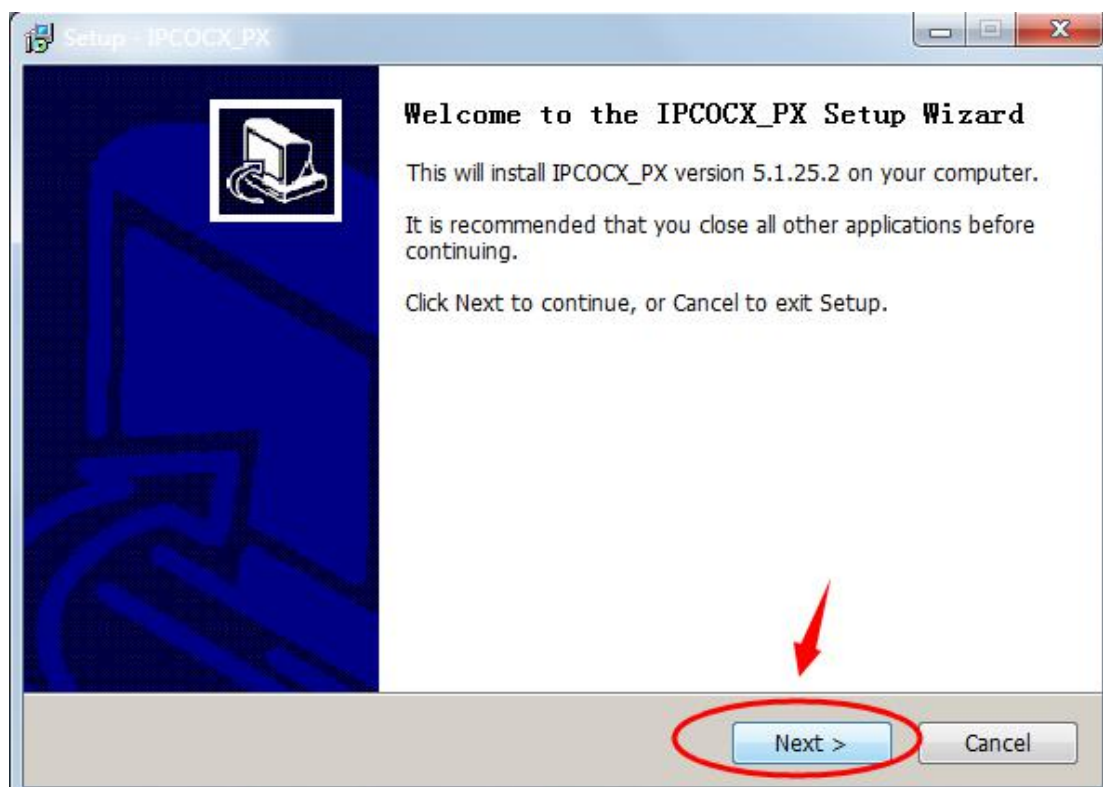


Click  to download, and you can choose "Run" or save directly the installation. As shown in figure 2: click "Run"

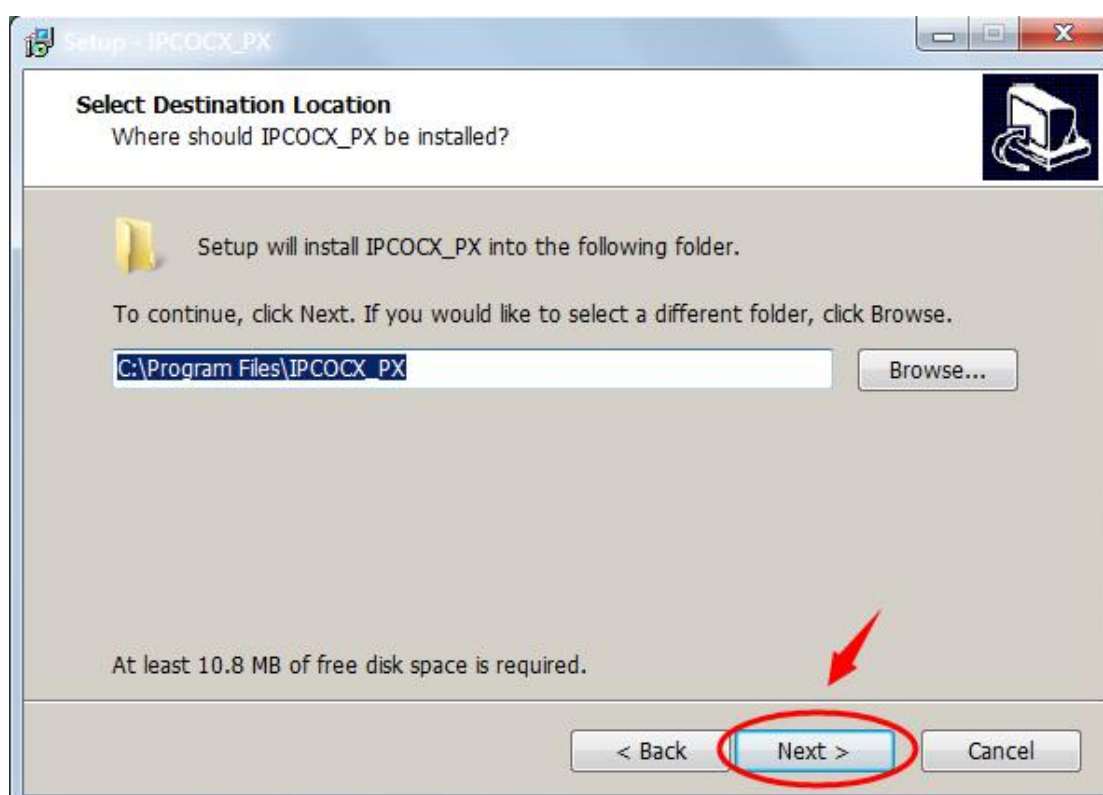


2

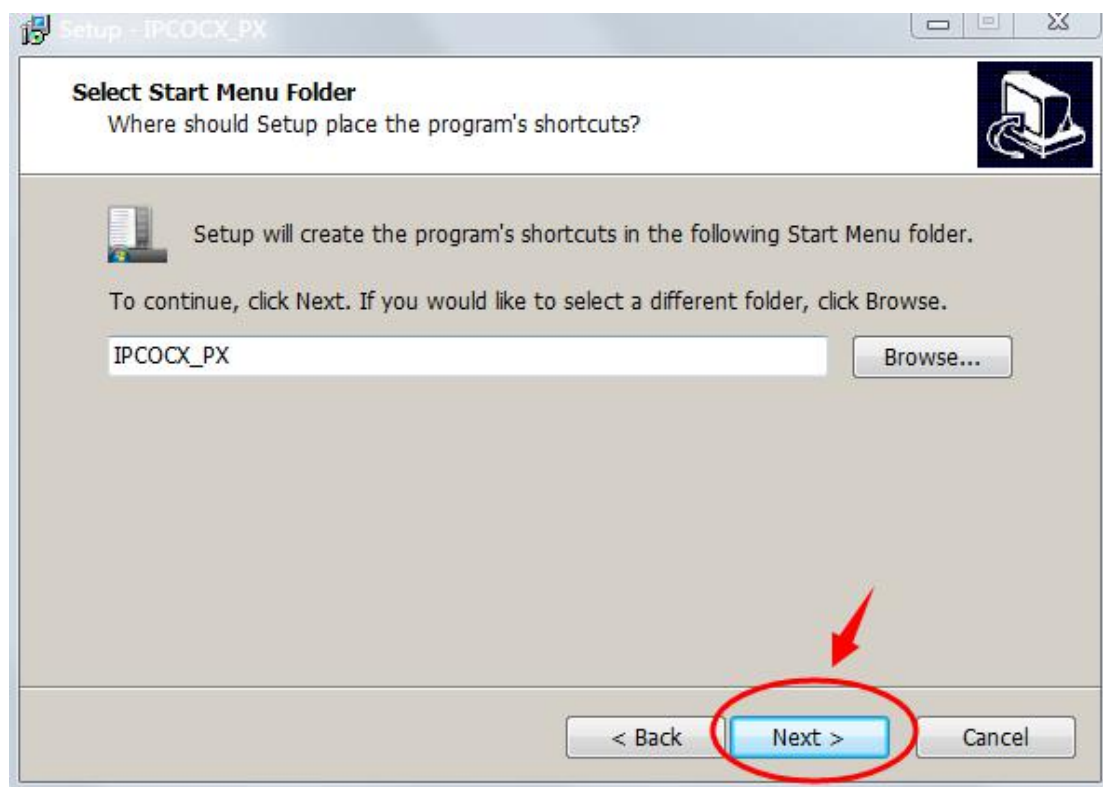
Will pop up the Setup Wizard after click "Run" , shown in the figure 3-8 below:



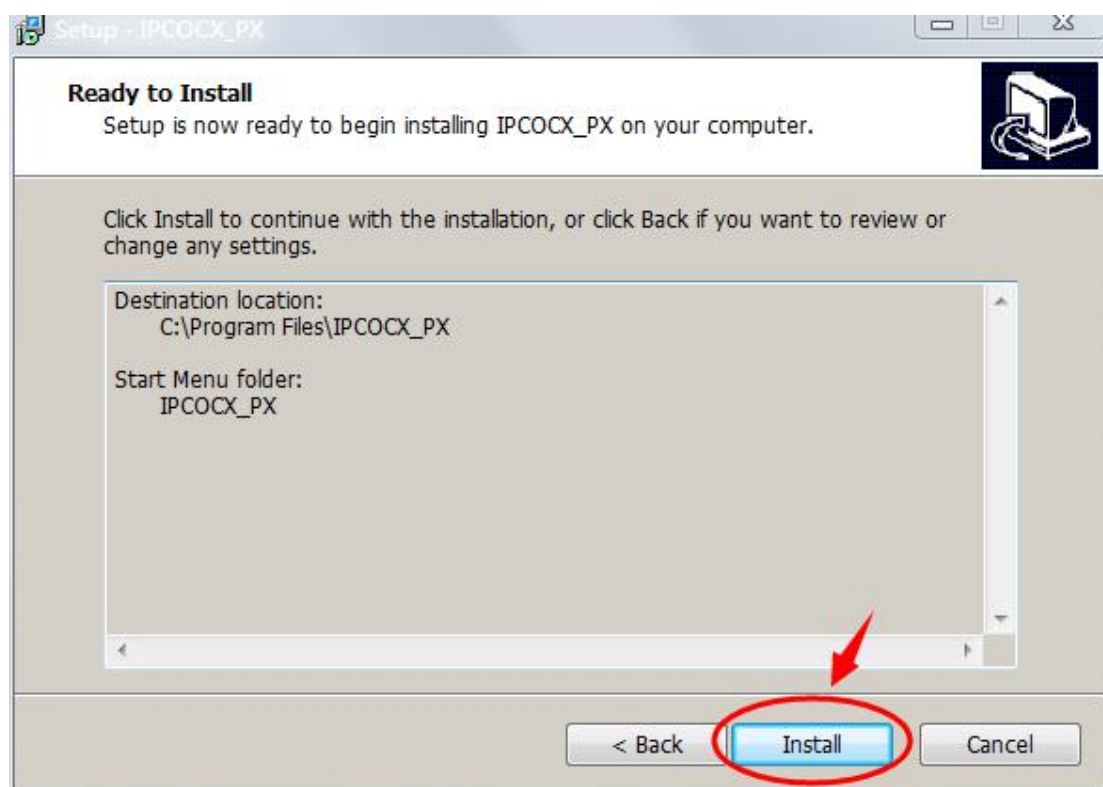
3



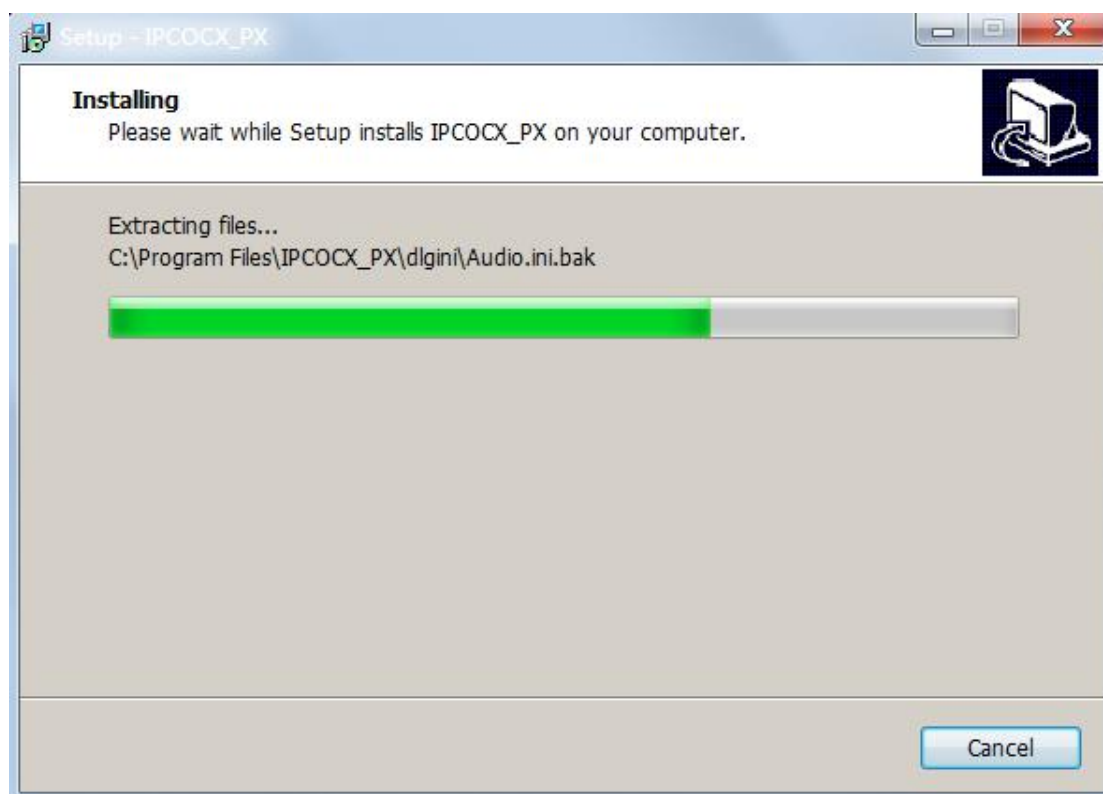
4



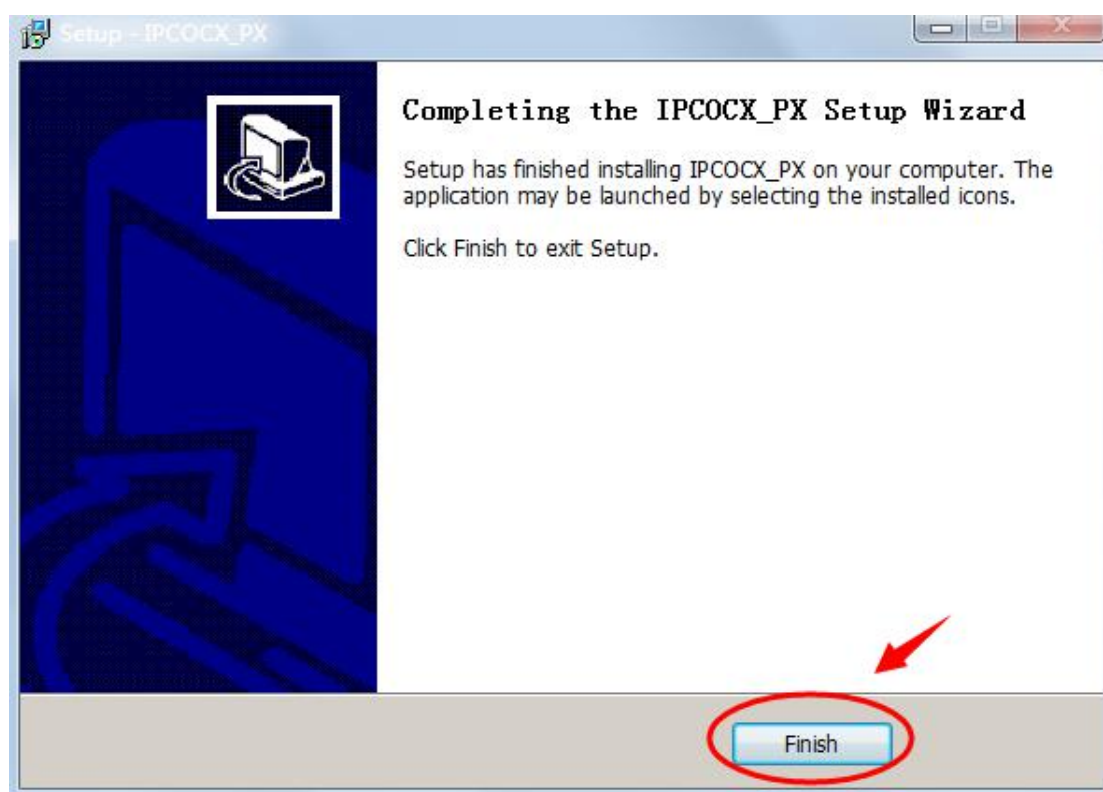
5



6

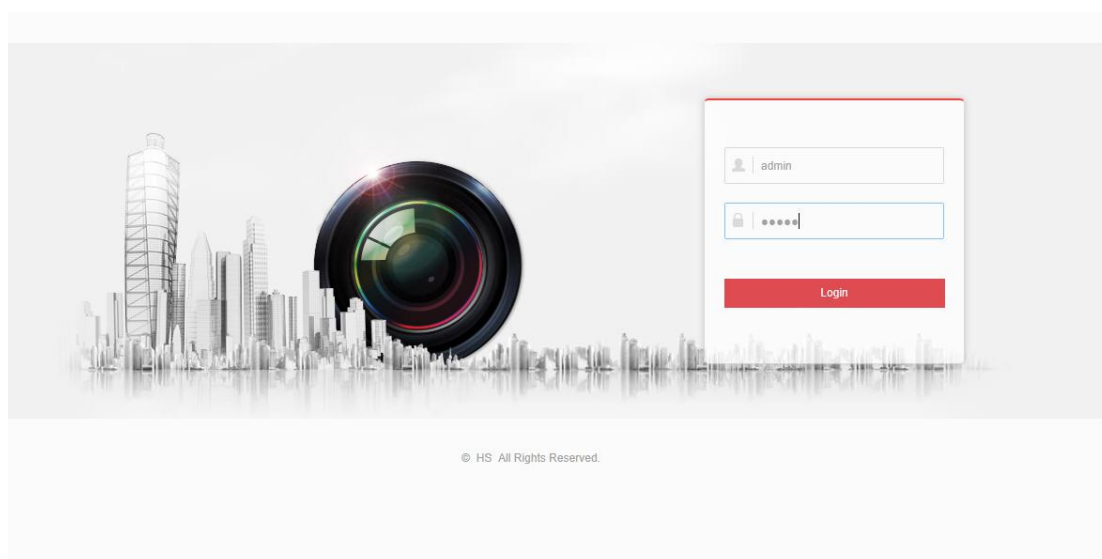


7



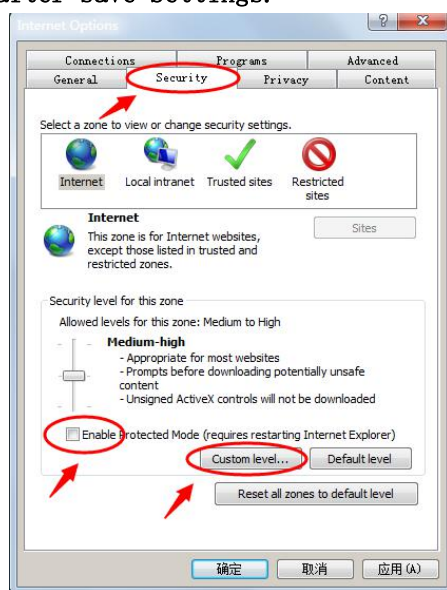
8

Click "Finish" and login page again, enter the login interface as shown in figure 9:

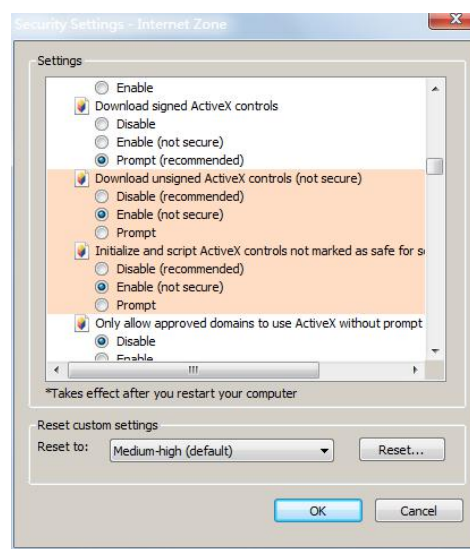


9

Note: if the system prompt "installation failure", please uncheck the "cancel protection mode" in the setting safety of "Internet options" and enter the "custom level" ActiveX control Settings as shown in figure 10 to 11, and reinstall IPCOCX_PX after save Settings.



10



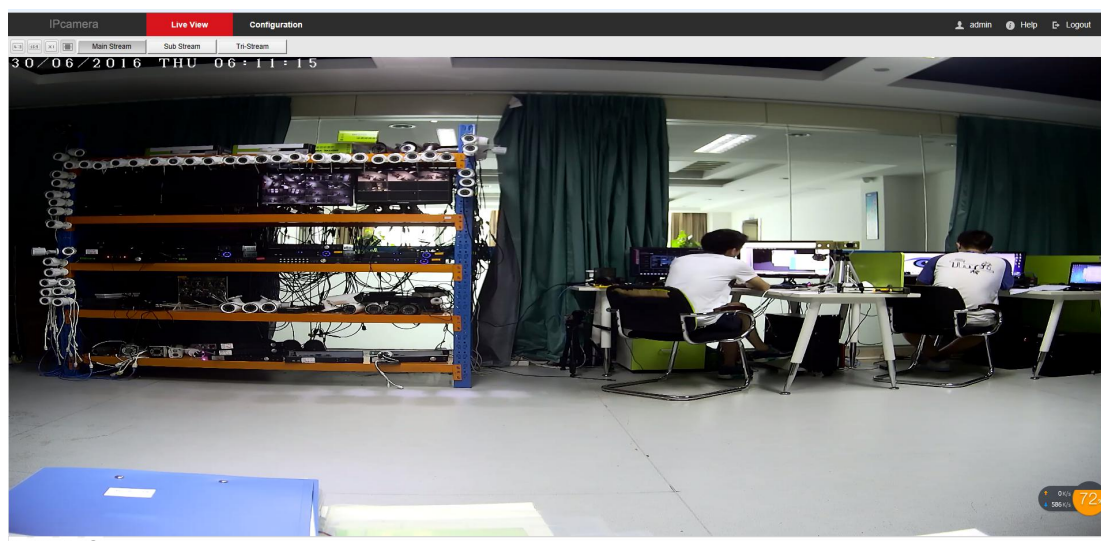
11

2、Interface operations and Usage:

2.1.1、Login

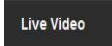
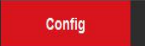
Login for the first time must input account: " admin " and password: " admin " on the

login interface, after the success of login interface as shown in figure 6:



6

2.1.2、Local Configuration

Click   into the parameter configuration screen, where you can manually choose image format, and set the storage path for you record video files, log export files as well as capture files. As shown in figure 7:

Local Configuration

Live View Parameters

Image Format ☒ JPEG ☐ BMP

Record File Settings

Save record files to D:\ Scan

Picture and Clip Settings

Save snapshots in live view to D:\ Scan

Anmelden Export

Log Export save path C:\IPC\LogSavaPath Scan

Save

Figure 7

2.1.3、System

Click  into the system configuration interface.

2.1.3.1、System Configuration

① Device Information



Here you can see the basic information of the current device.

【Device Name】 It is the name of the current IPC.

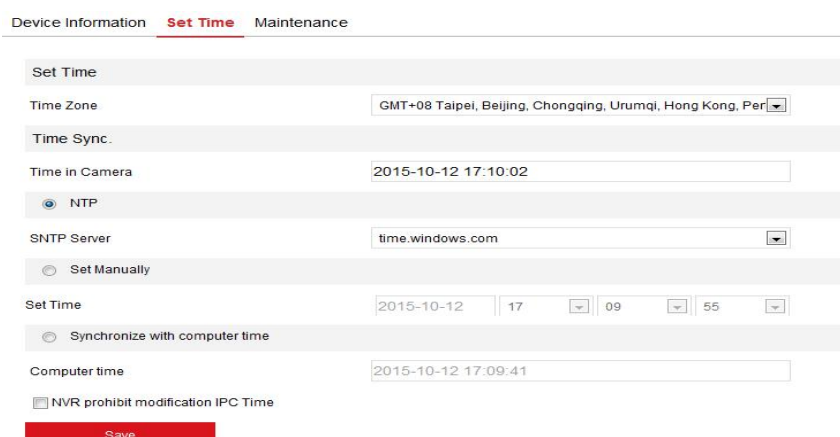
【Firmware Version】 It is the current program version of the IPC.

【Software Version】 It is the current program version of the OCX control.

【Number of Channels】 It is the channels of the current IPC, the default is 1.

② Set Time

Click "Set Time" into the setting time interface.



【NTP】 The time of IPC will synchronization with network, and you can change the different time zones. (This feature requires that IPC network environment can connect to the Internet.) Click on the "Save" after completing the settings.

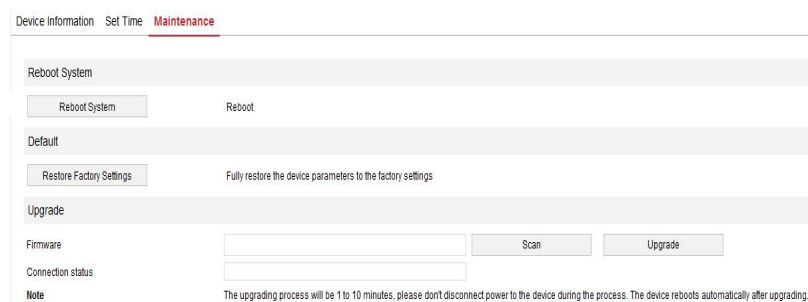
【Set Manually】 Setting the date and time of the IPC manually. Click on the "Save" after completing the settings.

【Synchronize with computer time】 The IPC will synchronize with the computer time and date that your connect currently. Click on the "Save" after completing the settings.

【Not allow NVR to modify the ipc time】 The time of IPC will be not affected by the backend storage devices (such as NVR and DVR, etc.) after check this option. The IPC 's time will be running according to the user settings.

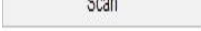
③ Maintenance

Click “Maintenance” into the setting interface.




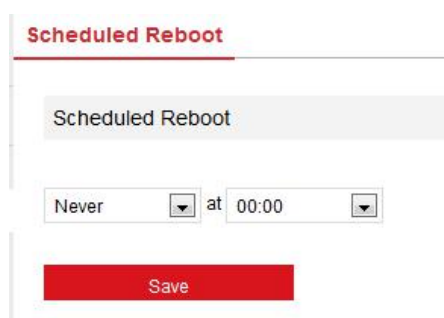
【Reboot System】 The IPC will restart again automatically after clicking "Reboot System".

【Restore Factory Settings】 The IPC will restore to factory default parameters automatically after clicking this option. (Please operate this function carefully).

【Firmware】 Clicking  to add upgrade file package, and upgrading the IPC program. (Please careful operation, the error of upgrade file will cause equipment system operate abnormally)


2.1.3.2、Scheduled Reboot

Click  into the scheduled reboot interface.



It can be set "cycle" and "time" from the pull down menu, such as setting "every day to restart in 1:00 am", click to save. The IPC will be restart once a day in 1:00 am.

2.1.3.3、Log Search

Click  into the log search interface.

Log Search

ID	Time	Detail
----	------	--------

Start Time :
2015-10-13 00:00:00

End Time :
2015-10-13 23:59:59

Search

Clear

Anmelden Export

【Search】 It can find running record of IPC from the start time to end time.

【Clear】 Clicking clear button to empty all logging.

【Anmelden Export】 To save the current log in txt format which in searching.

2.1.3.4、Security

Click **Security** into the log user management interface.

User

User Name	Authority	Edit	Delete
admin	Admin	Edit	

Add User

Here you can click “Edit” to modify the original account password, and click “Add User” to create / delete an administrator account, create / delete operator account, or create / delete user account, a total of 10 accounts can be created. Where in the system administrator account can not be deleted.

2.1.4、Network

Click **Network** into the network setting interface.

2.1.4.1、Basic Setup

TCP/IP Port

NIC Settings

☐ EnableDhcp

IP Address 192.168.1.16

Netmask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server

Preferred DNS Server 192.168.1.1

Save

① TCP/IP

The IPC is connected to the router that have opened the DHCP function, check the DHCP option, and the IPC can be get automatically IP address、Net mask、Default Gateway and DNS.

Don't check the DHCP, you can manually modify the IP address、Net mask、Default Gateway and DNS for IPC.

② Port

Click "port" into the port settings interface, can be manually modify the IPC HTTP port number.

TCP/IP Port

Port

HTTP Port 80

Save

2.1.4.2、Advance Setup

Click **Advance Setup** into the advance network setting interface.

① DDNS

DDNS

DDNS

DDNS Type: Oray

Site Name

DDNS Account

DDNS Password

Confirm Password

Connection status: Login failed

Service Type: Ordinary user

Links to service providers: Oray DDNS to apply Oray DDNS to help

Save

Check the DDNS (Dynamic Domain Name Server), click the link to register DDNS service account. Fill in the account name and password that you registered. Then you can access your IPC through DDNS. (Note: IPC must be connected to the Internet)

② FTP

Click “FTP” into the FTP setting interface.

FTP

FTP Server: 192.168.1.1

Port: 21

User Name: ftpuser

Password:

Confirm Password:

FileUpload: default_folder

Save

【FTP Server】 Fill in the FTP server address and port number.

【User Name】 Fill in the FTP server username.

【Password】 Fill in the FTP server password.

【FileUpload】 Automatically creates a folder that you named in the FTP storage path.

③ SMTP

Click “SMTP” into the SMTP setting interface.

DDNS FTP **SMTP** P2P Cloud Other

Sender

Sender user@domain.com

SMTP Server smtp.domain.com

Port 25

☒ My Server Requires Authentication

User Name smtpuser

Password

Confirm Password

Receiver

Email user@domain.com

Save

【User Name】 It can be set according to user' s demands.

【Password】 Fill in the password of the sender mailbox.

【Sender】 Fill in the complete address of the sender mailbox.

【SMTP Server】 Fill in your email server and which ports.

【Email】 The complete address of the receives mailbox.

④ P2P

Click “P2P” into the FREEIP interface.

DDNS FTP SMTP **P2P** Cloud Other

☒ **FREEIP**

9844013795203

Android APK

IOS APP

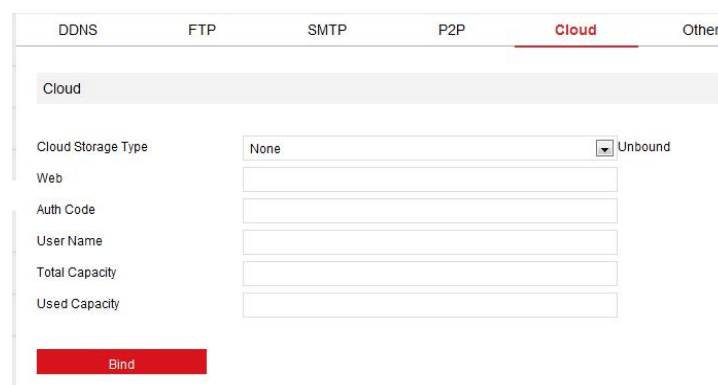
Connection Status : The connection is successful

Save

This function is mainly used mobile client for remote monitoring. Currently, the FREEIP client we offer has Android version and IOS version. Users can be added to the appropriate mobile client by scanning the QR code. (Remote monitoring requirements IPC connected to the Internet)

⑤ Cloud

Click “Cloud” into the cloud setting interface.




【Cloud Storage Type】 Select the cloud storage type, Dropbox or Google in the drop-down menu.

【Web】 Depending on the type of cloud storage selection play a cloud url, login web site registered account according to clew clouds

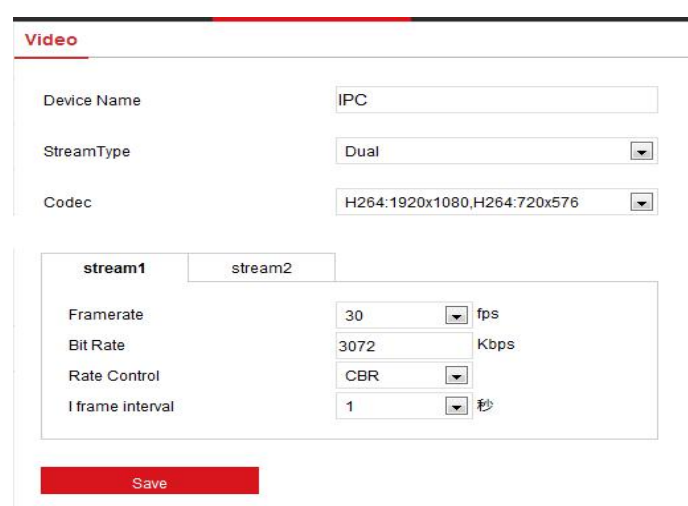
【Auth Code】 Login cloud web, the verification code will display on the cloud storage interface, than copy it in the space.

Fill in the verification code, click on the "Bind" after the success. "User name", "Total Capacity" and "Used Capacity" that information will be automatically displayed.

2.1.5、Video

Click  Video into the video and audio setting interface.

2.1.5.1、Video



【Device Name】 Setting your camera name.

【Stream Type】 Here Single/Double available.

【Codec】 Choose coding and resolution.

【Select Type】The different type, the live video will show you different resolution.

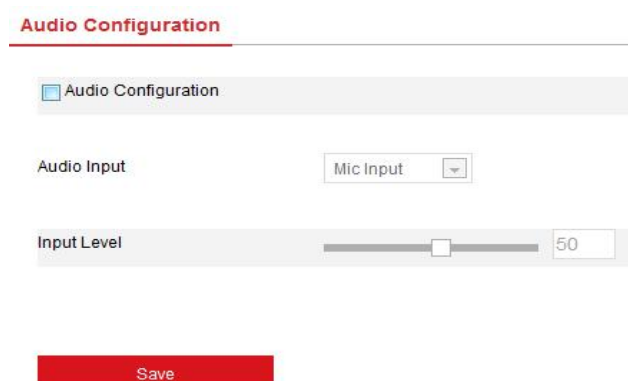
【Framerate】25fps adjustable (PAL); 30fps adjustable (NTSC). (Note: frame rate is too low will cause the video caton)

【Bit Rate】Support 64-12000kbps. The higher the bit rate the better video quality, but it occupy the greater network bandwidth and the greater the pressure transmission.

【I Frame Interval】IPC acquisition keyframe interval, can be set 1-5s.

2.1.5.2、Audio

Click **Audio** into the audio configuration interface.

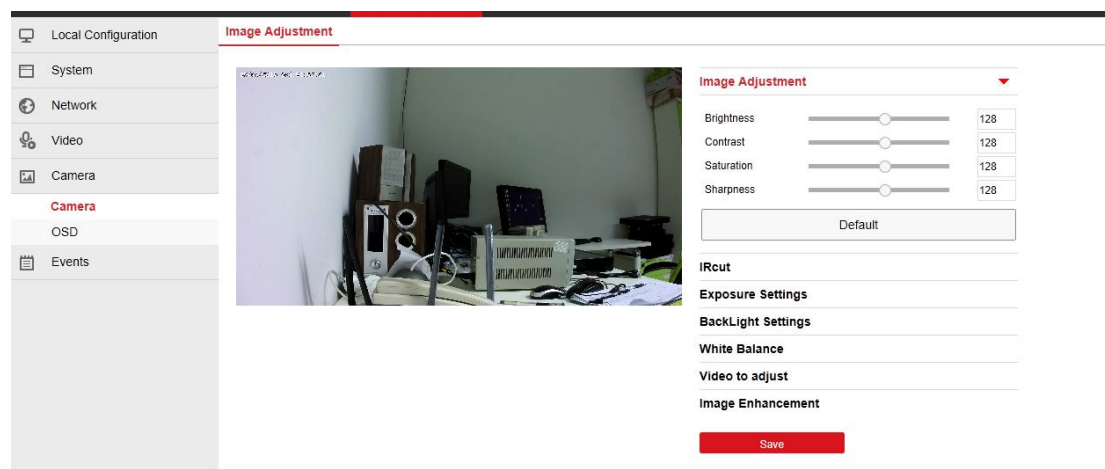


Check the “Audio Configuration” to open the audio, pull the bar to set the input volume (range 0-100). Click **【Save】** to complete the setting.

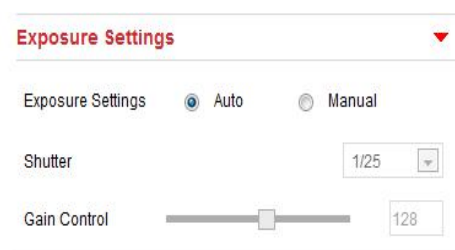
2.1.6、Camera

Click **Camera** into the image adjustment interface.

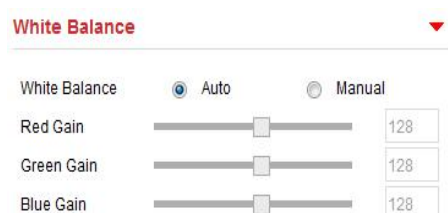
2.1.6.1、Camere



【Brightness/Contrast/Saturation/Sharpness】 You can input the value manually to set brightness, contrast, saturation, sharpness. These parameters shall be set according to the actual environment. The scope of valid values are from 0 to 255, you can drag the slider to set, and the default value is 128.



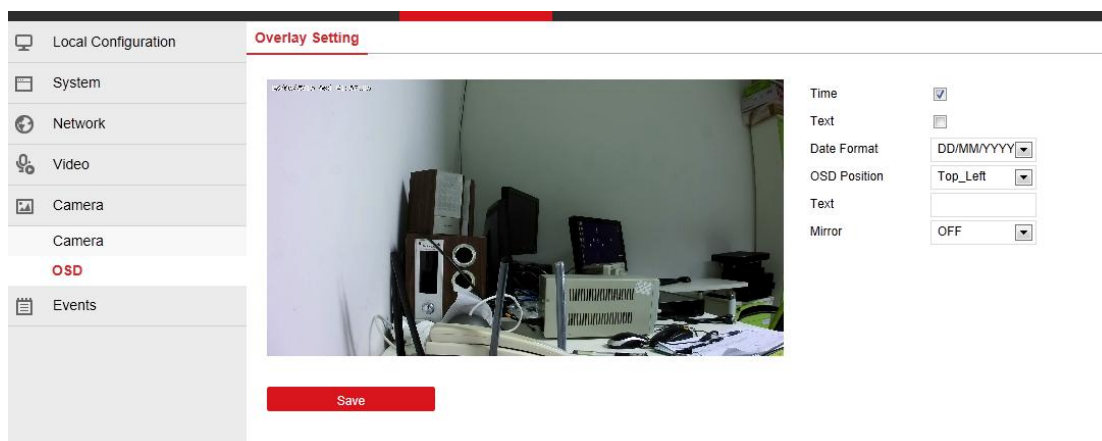
【Exposure Settings】 It have automatic mode and manual mode, the manual mode when the click, "Gain Control" is active, valid values are (0-255) and the default value is 128. Click 【Save】 to complete the setting.



【White Balance】 It have automatic mode and manual mode, the manual mode when the click, "Red gain" and "green gain", "Blue Gain" is active, valid values are (0-255) and the default value is 128. Click 【Save】 to complete the setting.

2.1.6.2、OSD


Click **OSD** into the overlay setting interface.

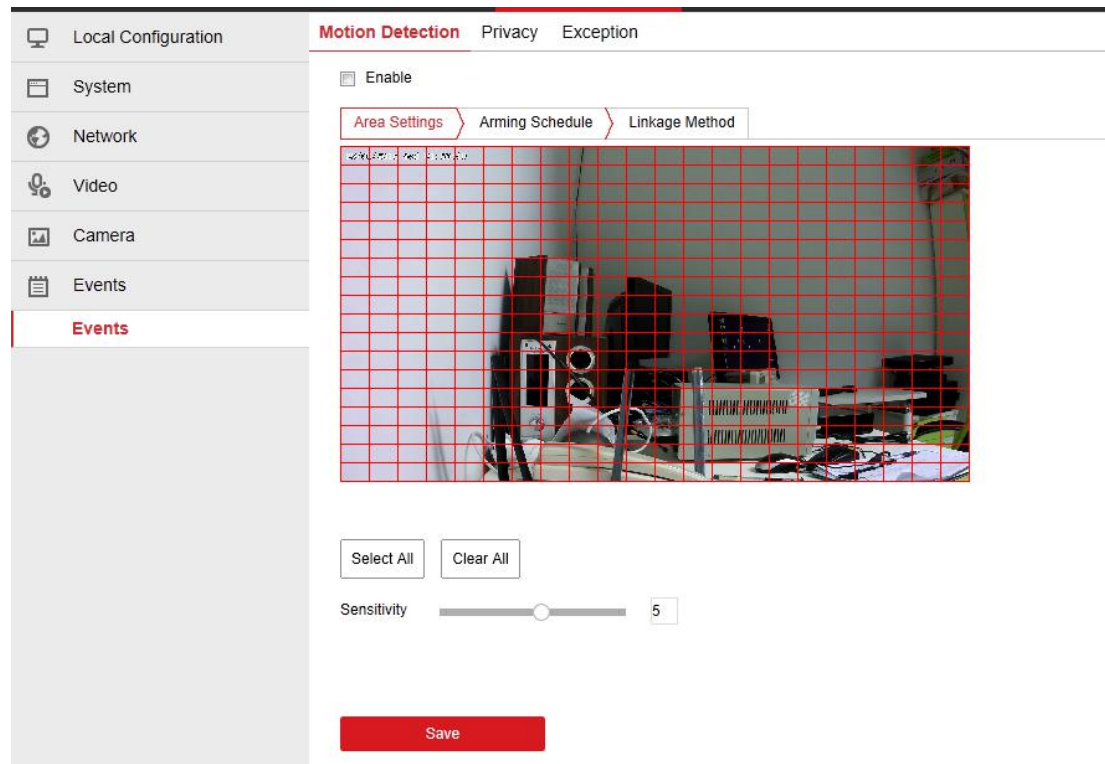


【Overlay Setting】 It allows you to set the Data Format, OSD Position and OSD Text, and will be displayed in the preview screen.

2.1.7、Events

2.1.7.1、Motion Detection

Click  into the motion detection setting interface.



【Select All】 Motion detection range to monitor all of the area, which Consists of 396(22*18) small squares. Of course you can choose a combination of several small squares among them as motion detecting area.

【Clear All】 Clearing all the motion detecting area that selected currently.

【Sensitivity】 Can be selected 0 to 10, and the higher the value, the greater the sensitivity.

2.1.7.2、Privacy

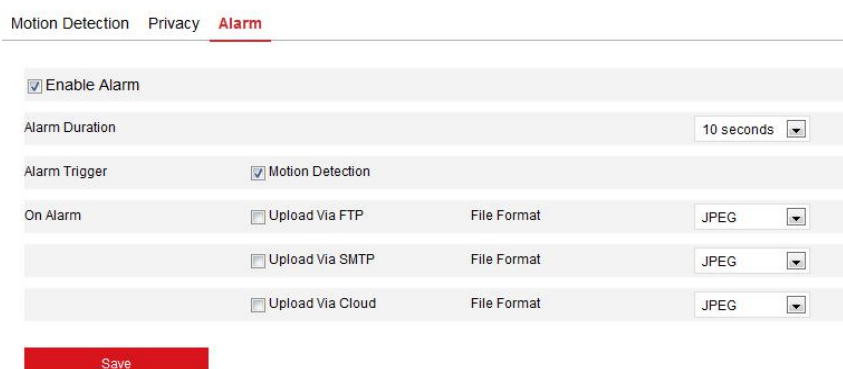
Click “Privacy” into the privacy setting interface.



Pressing the left mouse button and drag to select area in the region. Region 1、Region 2、Region 3 bellow will show the corresponding coordinates, width, and height of the region .If you want to delete a region, click on the corresponding 【Delete】 button,Click 【Save】 to complete the setting.



2.1.7.3、Alarm


Click “Alarm” into the alarm setting interface.



Here you can realize the “Motion Detection” 、 “Upload Via FTP” 、 “Upload Via SMTP” , and “Upload Via Cloud” functions. Among them, “Upload Via FTP” have a JPEG image format and AVI video file formats to choose. “Upload Via SMTP” have MESSAGE information format, JPEG image format and AVI video file formats to choose. Format can be selected in the drop-down menu. After completion of setting ,clicking 【Save】.

2.1.8、Record And Capture

In the lower left corner of the live video. Click  to start recording, monitoring page will have red "Rec". Click  again to end recording and it will automatically pop up the video file location.

Click  to start capturing, it will automatically pop up the picture file location.

3、Frequently Asked Questions

3.1 Why can not access the camera by IE?

Answer: There maybe 4 reasons, Details are as follows:

a. The network unreasonable?

Solution: First you can connect network by PC, check the network cable if it is good. And check the network between the camera and the PC is good.

b. The IP address of the camera is occupied by other device or PC?

Solution: You can connect the camera with your PC directly, and modify the IP address or use the IP search tool.

c. The camera maybe in other network segment?

Solution: Check the IP address and net mask.

3.2 Why can not access the camera after update?

Answer: Clean browser cache.

Steps: open IE, click "Tools" and select "Internet Options", then you can see "Temporary Internet files" and click "Delete Files", it will prompt a dialog you need to check "Delete all offline content" and click "OK".

Also you can click "Start" and select "Run" then enter "cmd", enter "arp -d" in "Command Prompt" interface. Re-access the camera.

3.3 Why can not show the whole interface?

Answer: Close some options of IE.

Steps: Open IE, click "View" and select "Toolbar", close the "Favorites bar", "Status bar" and "Command bar".