

IP Camera for indoor and outdoor usage HD TX-24 User Manual

N8152HH-E

Important Hint regarding the User Manuals:

All languages of the user manual (english, german, french, spanish, italian, netherlands, polish) you find on the CD-ROM enclosed. The english and german version of the user manual you also find as printed version enclosed.

Contents (Before 1st use, read the user manual carefully)

- 1. Features & Product Description**
- 2. Software Installation and Commissioning; Hardware Requirements**
- 3. Hardware**
 - 3.1. Package contents
 - 3.2. Hints for Environment Protection + Cleaning
 - 3.3. Attention !
- 4. Getting Started**
(Learn basic function to view and video in LAN and WLAN)
 - 4.1. Video from a camera in the local network (LAN)
 - 4.2. Set Wi-Fi connection
 - 4.3. View the camera on the Internet (WLAN)
 - 4.4. Register a new account and add devices
 - 4.5. Main Menu
- 5. Video Surveillance (Control Panel)**
- 6. General system settings**
 - 6.1. Camera Settings in LAN Mode
 - 6.1.1. Set the IP Address

- 6.1.2. Set WIFI connection
- 6.1.3. Set the local video plan
- 6.1.4. MicroSD card configuration
- 6.1.5. MicroSD file download
- 6.1.6. Alarm alerts (Email)
- 6.1.7. Groups
- 6.1.8. Change the device alias
- 6.1.9. Dial connection (PPPOE)
- 6.1.10. Restore the default settings
- 6.2. Camera settings in WAN Mode
 - 6.2.1. Groups
 - 6.2.2. Change Access password
 - 6.2.3. Change the camera alias
 - 6.2.4. MicroSD card query
 - 6.2.5. Installing MY SECURE

7. Settings on the Main Menu

- 7.1. Full screen
- 7.2. Settings
 - 7.2.1. System
 - 7.2.2. Video
 - 7.2.3. Local Alarm Alerts
- 7.3. Device management
 - 7.3.1. Add device
 - 7.3.2. Change management password
 - 7.3.3. Change watch password
 - 7.3.4. Change camera alias
 - 7.3.5. Permissions setting
- 7.4. Search
- 7.5. Change the password (User login password)
- 7.6. Log
- 7.7. Help

8. Frequently Asked Questions – FAQ

- 8.1. Video delay
- 8.2. LAN cable should not be too long
- 8.3. Cannot visit the IP camera in LAN
- 8.4. Can visit the IP camera in LAN, but cannot view it on WLAN
- 8.5. Image quality is not good enough
- 8.6. Forgot your password?
- 8.7. Restore to default settings
- 8.8. How to reboot equipment?

9. Technical Specifications

10. INSTALLATION MANUAL FOR ANDROID / IOS SMARTPHONE

11. BROWSER FUNCTION OPERATION

11.1. IE (Internet Explorer)

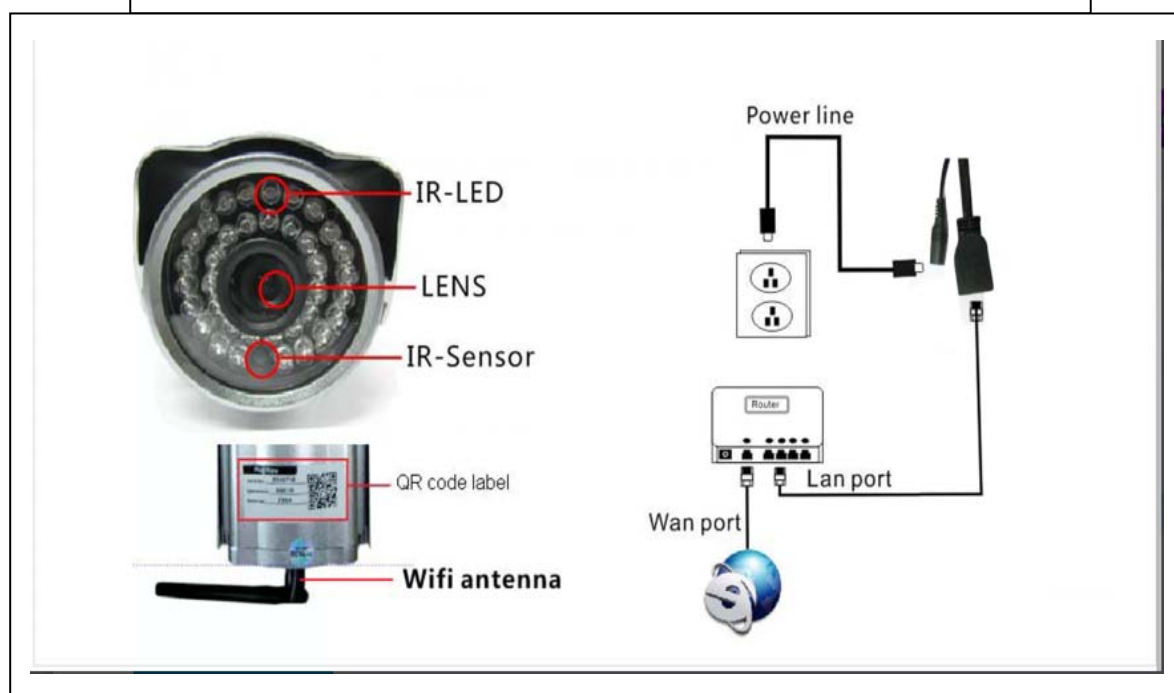
11.2. Firefox

11.3. Chrome

1. Features & Product Description

- Brilliant 1/4" CMOS colour sensor
- Supports P2P function, easy to connect through internet
- Alarmfunction, automatic alarm E-mails with image
- Direct Smartphone connection via QR-code APP
- QR-code scanning from the camera label produces immediate connection
- 36 IR-LEDs and IR night vision up to 20m
- Supports MicroSD memory card up to 32GB
- Video compress format: H.264 720p Multi Stream
- Supports 802.11.b/g/n wireless protocol
- Supports DDNS & WEB browser

IP-Security Camera for indoor and outdoor usage HD TX-24



IR-LED	Power line
Lens	
IR-Sensor	
QR code label	LAN port
WiFi antenna	WLAN port

2. Software Installation and Commissioning

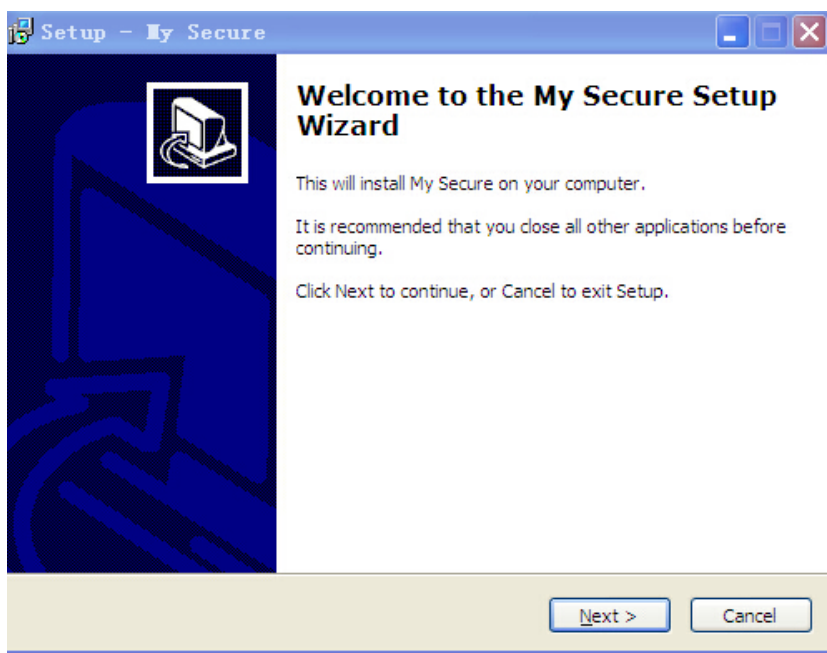
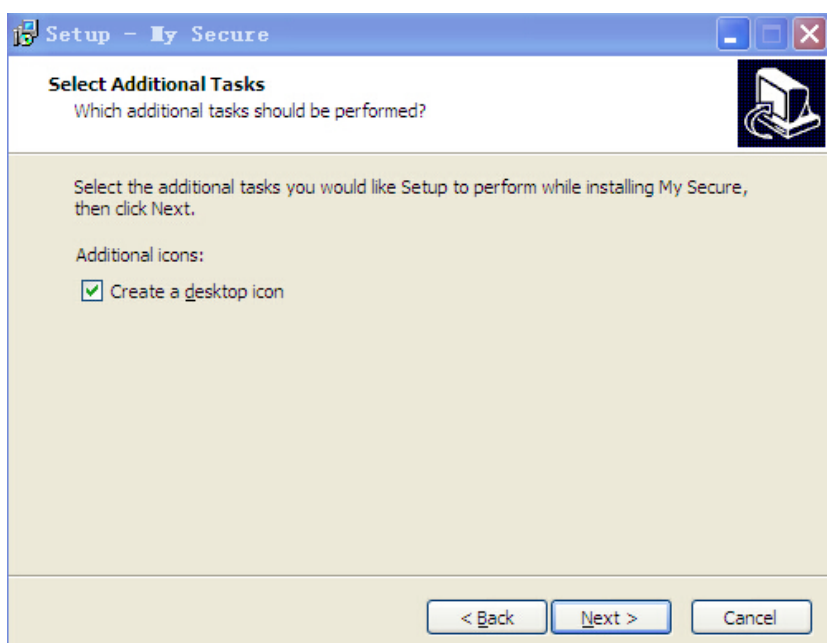
Windows Requirements: WIN 7, WIN 8, Windows XP, Windows Vista

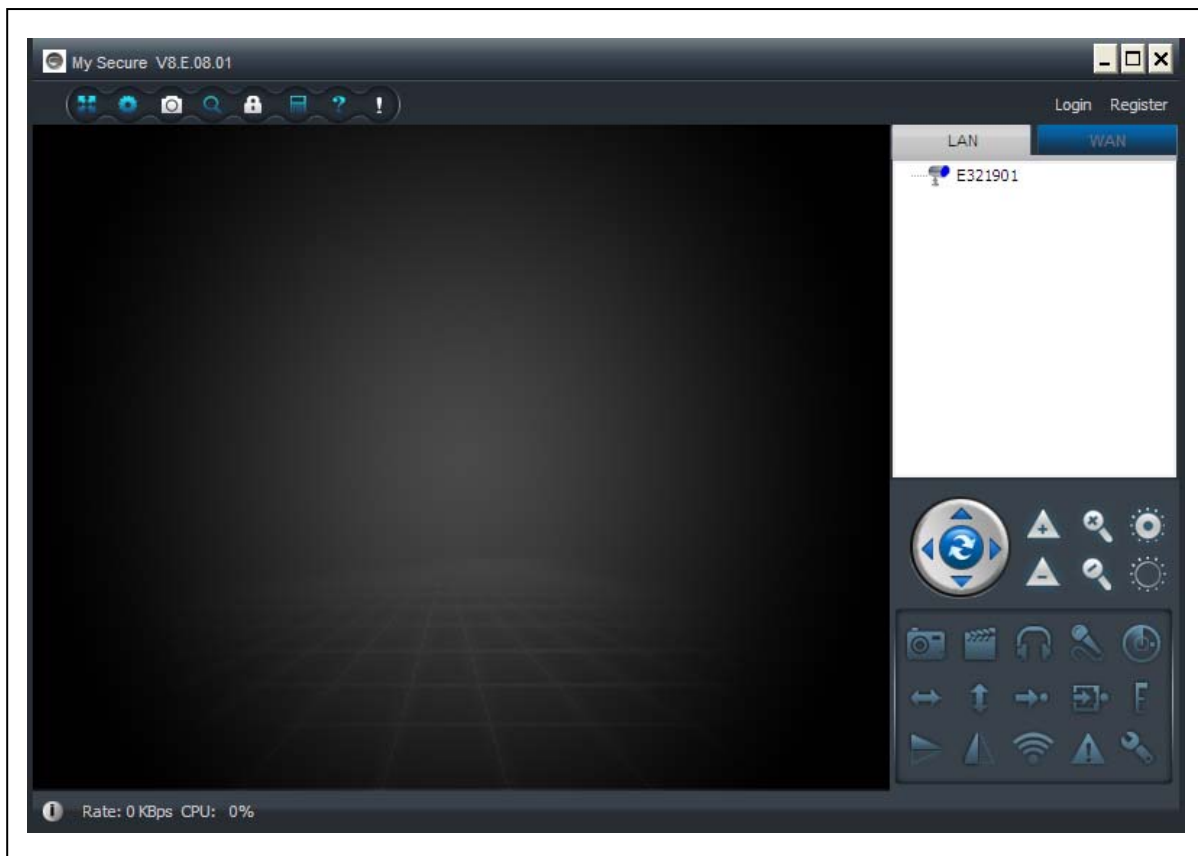
Hardware Requirements

- 1GB RAM and 2 Core CPU for 1 camera at 1 time
- 2GB RAM and i3 or updated processor for 4 cameras at 1 time
- REMARKS: No matter how many cameras you'd like to connect, this software has no requirement for GPU (Graphic Processing Unit)

Insert the software CD into the PC drive or download the software on

<http://www.technaxx.de/support/>

	Opening the CD and start the program "My Secure.exe"  Continue click "Next" until the following steps were finished.
	After installation finished, click below icon "My Secure" to run the software as shown. 

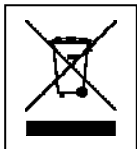


3. Hardware

3.1. Package Contents: IP-Security Camera for indoor and outdoor usage HD TX-24, Power Supply, Network cable, Antenna and red cap for the antenna, Bracket and screws, Installation-CD with user manuals in **12** languages, User Manual (english and german version)

3.2. Hints !

Security and Disposal Hints for Batteries: Hold children off batteries. When a child swallowed a battery go to a doctors place or bring the child into a hospital promptly! Look for the right polarity (+) and (-) of batteries! Always change all batteries. Never use old and new batteries or batteries of different types together. Never short, open, deform or load up batteries! **Risk of injury!** Never throw batteries into fire! **Risk of explosion!**



Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Important Notice:** Should battery fluid leak from a battery, wipe the battery case with a soft cloth dry. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany

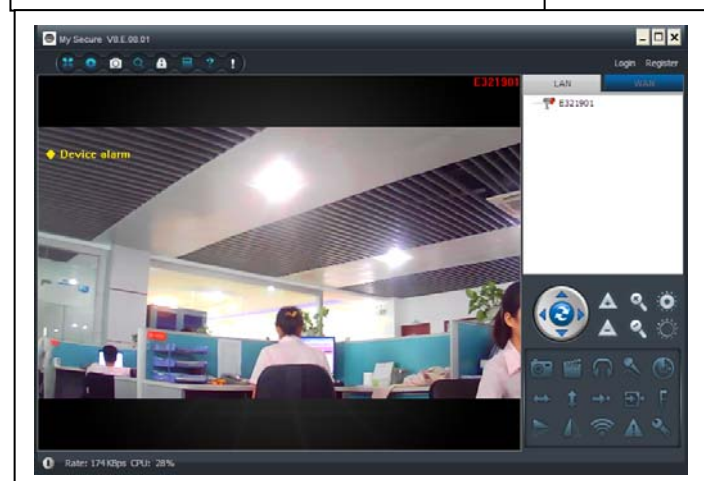
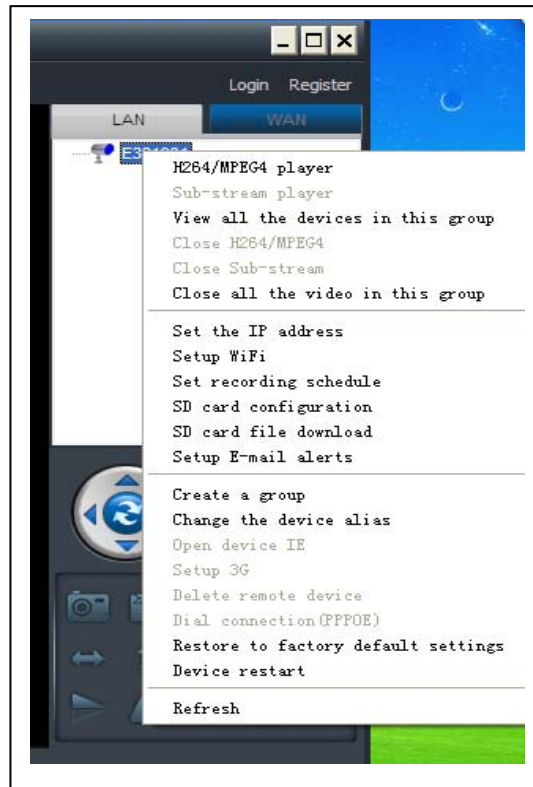
3.3. Attention !

This device may only be operated with the supplied adaptor. Do not use or store the adaptor outdoor and do not operate the charger with moist or wet hands. Always remove the adaptor from socket if the device is not in use. Never open the device. The individual components of the device shall not be disassembled, repaired or modified. Unplug the device before cleaning or maintenance or connecting accessories.

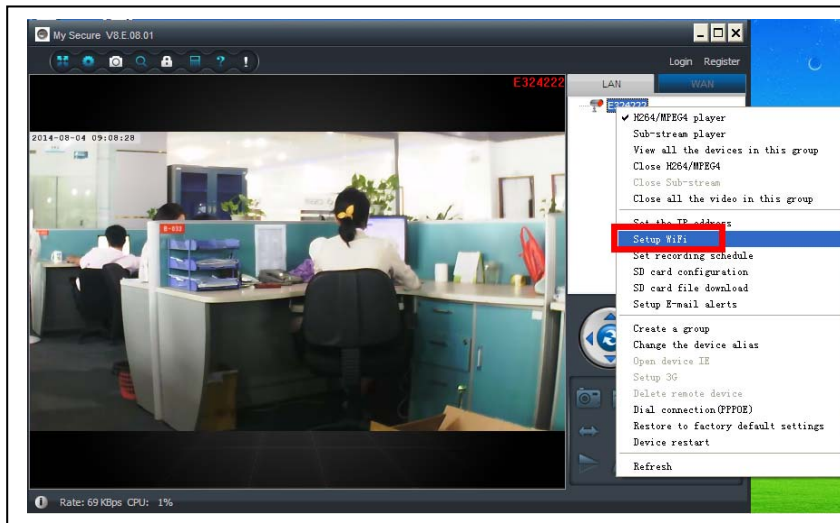
4. Getting Started (learn basic function to view and video in LAN and WLAN)

4.1. Video from a camera in the local network (LAN)

Make sure the camera was plugged in adaptor and connected with router via LAN cable first. Run “**My Secure**” and click “LAN” on the right list area, then right-click the blank area, a menu pops out similar to Figure, select "Refresh" to get the camera list in the LAN. If there is a camera, double-click the camera ID to view the live video. If popped out a prompt like “request camera video failure!", check FAQ for help.



4.2. Set WIFI connection

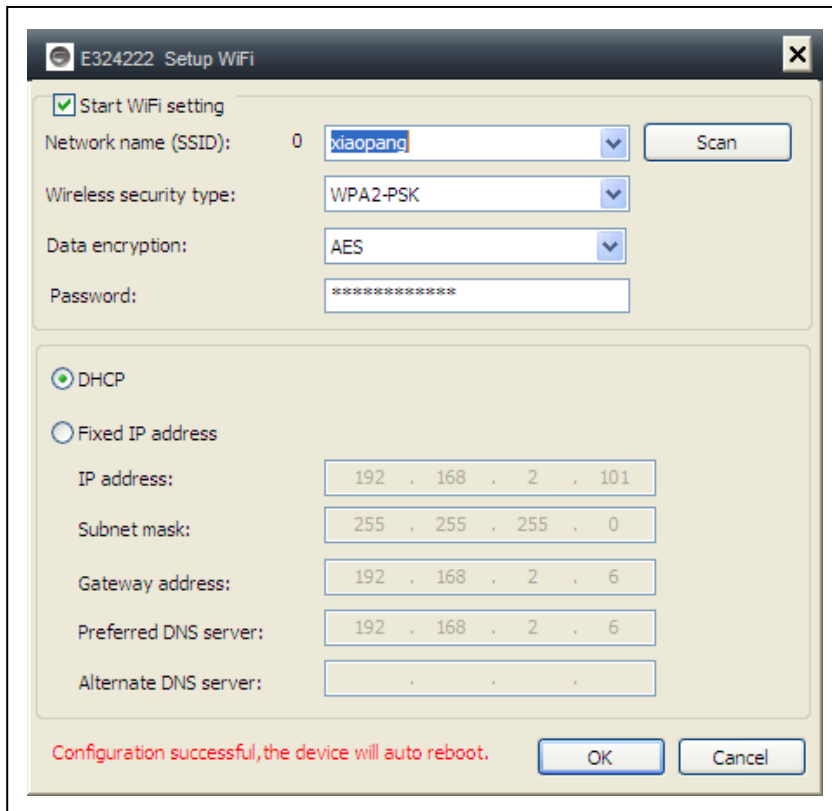


(a) Click on the right mouse button then you see the device ID shown under LAN.

Then select “Set WIFI” on the menu popped out.

(b) Set SSID (Wireless router name) / Password

- (1) Enable “Start WiFi setting”.
- (2) Click “Scan” to choose the WIFI connection “Network name [SSID]” (it is your Wireless router name).
- (3) Wireless Security Type & Data Encryption will be selected automatically after the right Network Name (SSID) is selected. Please here no manual changes!
- (4) Input the WIFI connection “Password” and click “OK” to save.



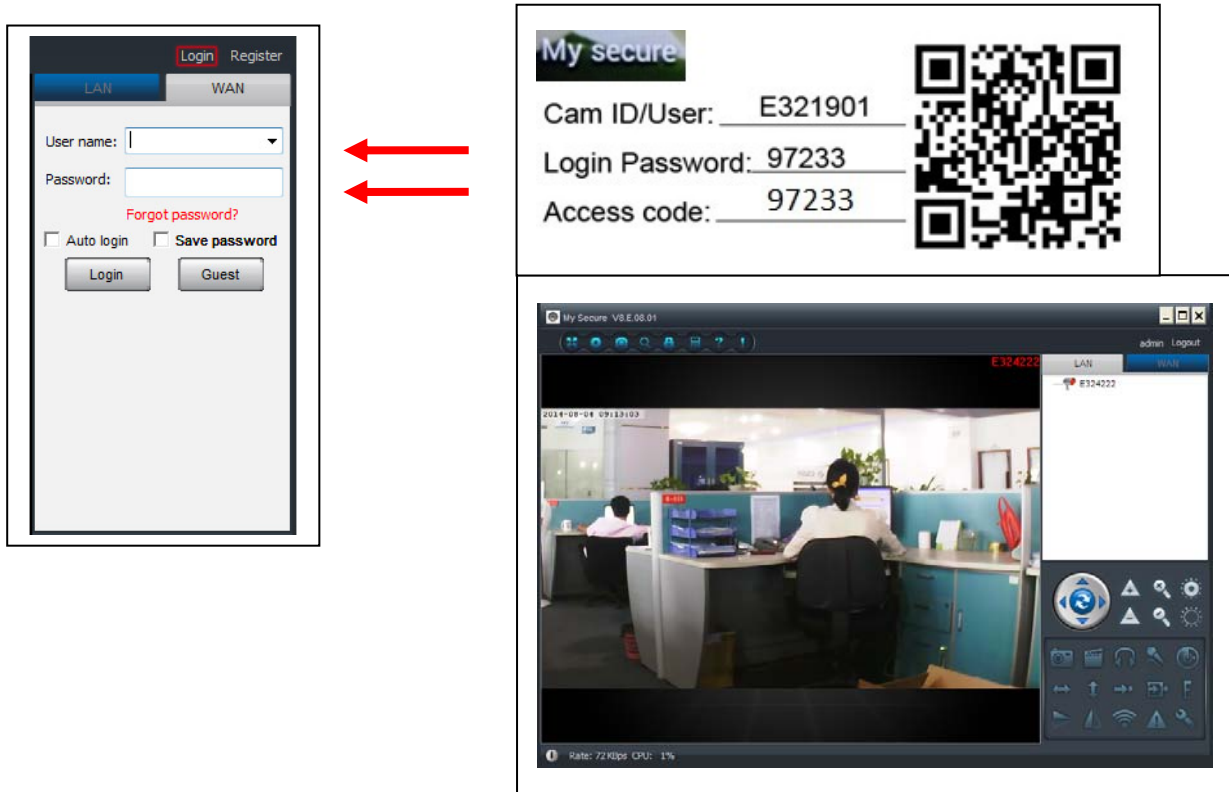
NOTE:

After saving WIFI settings the camera will restart automatically and then you can take off the LAN cable after the camera boots up successfully in 1–2 minutes and you see the camera ID in BLUE under LAN.

4.3. View the camera on the Internet (WLAN)

Click "Login" in the area of the main list on the right, input "User Name" (Cam/ID User) and "Login password" and click "Login" button. **The user name and password is on the label of the camera (see the picture below).**

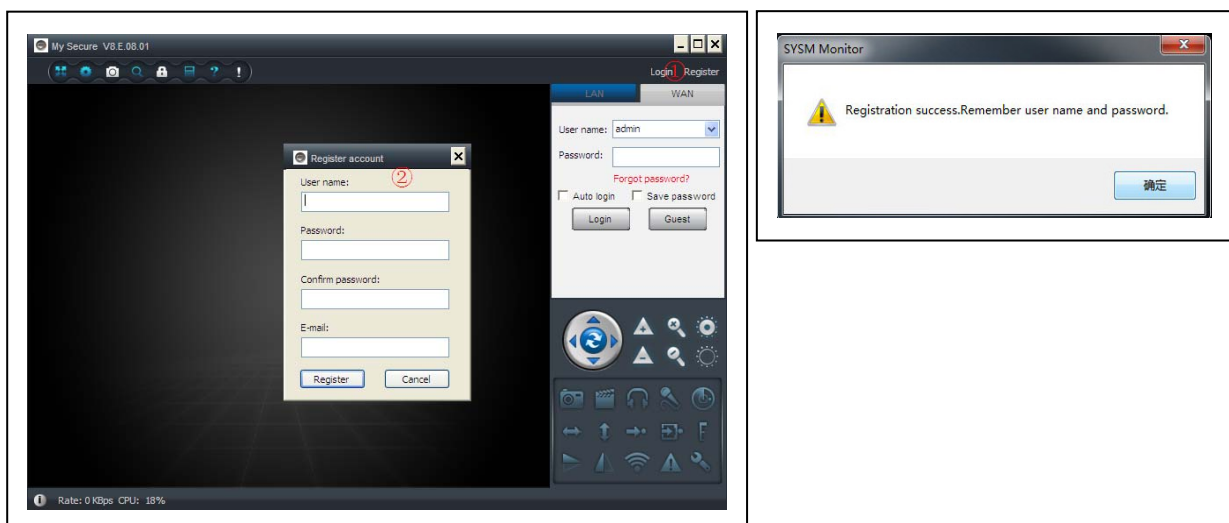
The User name is: Cam ID/User, and the Password is: Login password



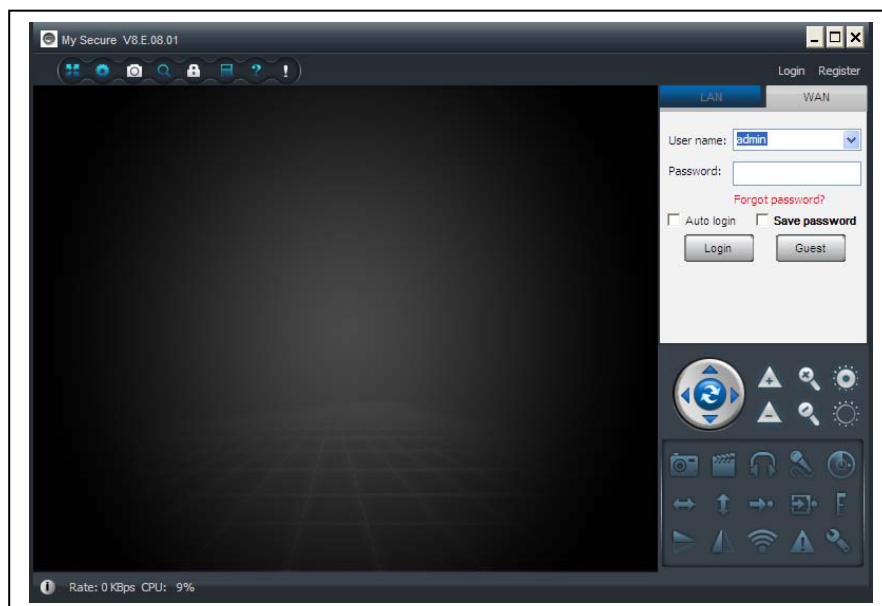
4.4. Register a new account and add devices

If you have many cameras, you also can register a new account, and add all cameras in the same account. In this case please insert the 4 digit number Access Code.

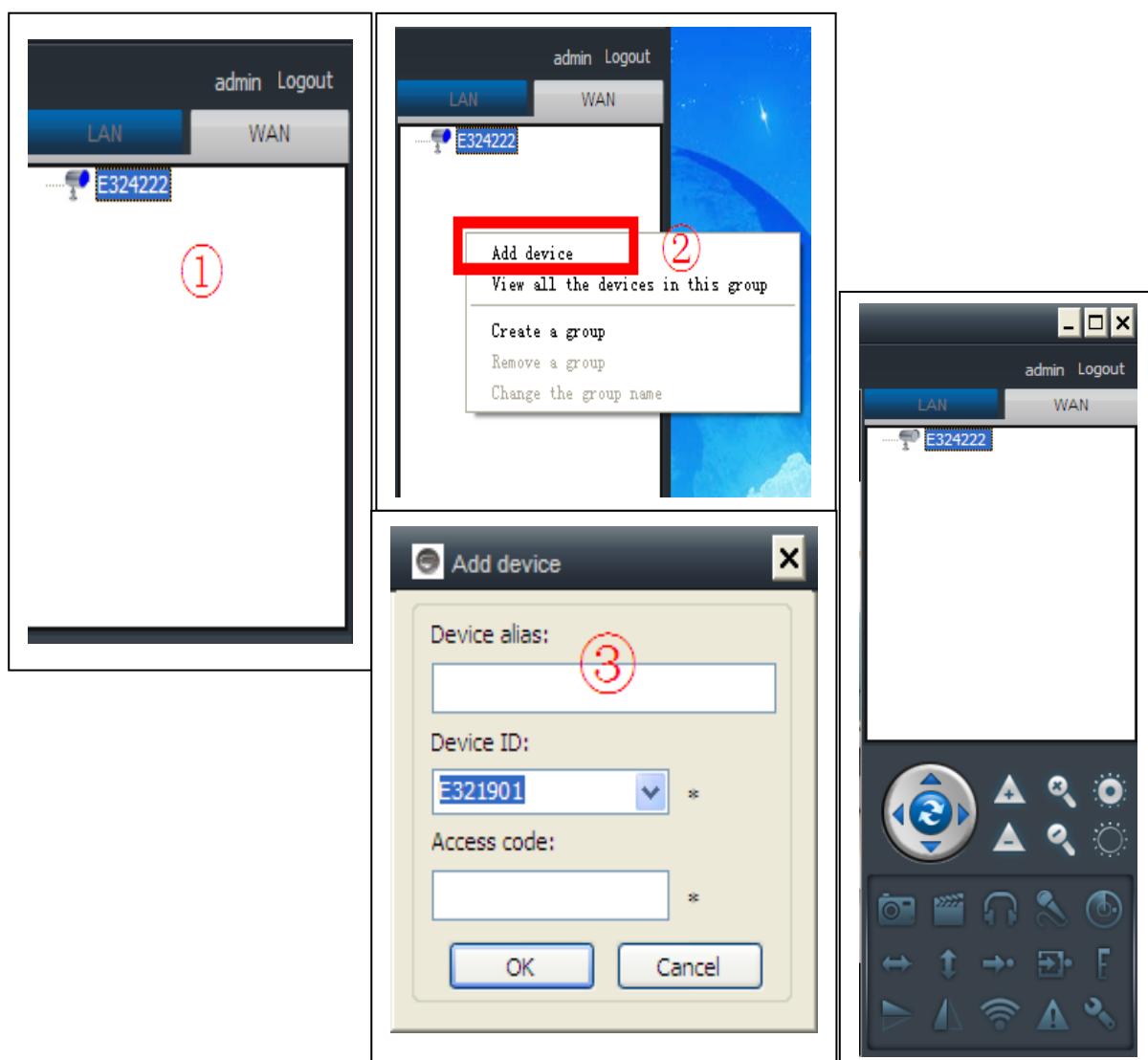
(1) Click "Register" and input user name / password /Email.



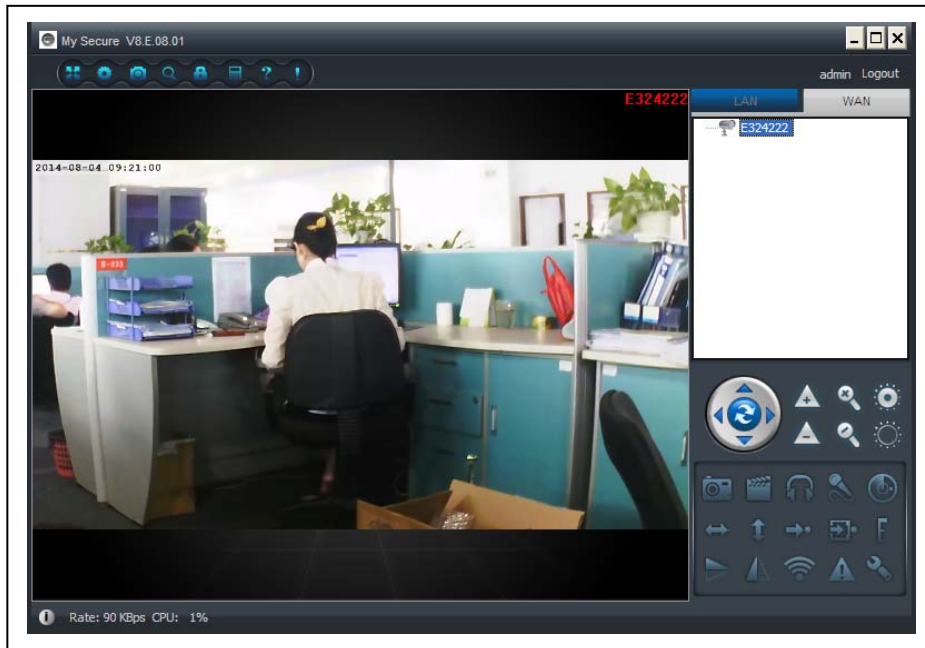
(2) Login in via the new account.



(3) Right click on the blank area ①, select "Add device" ② on the pop up window and input camera alias / Camera ID /Access password ③ (it is on the label of the camera).



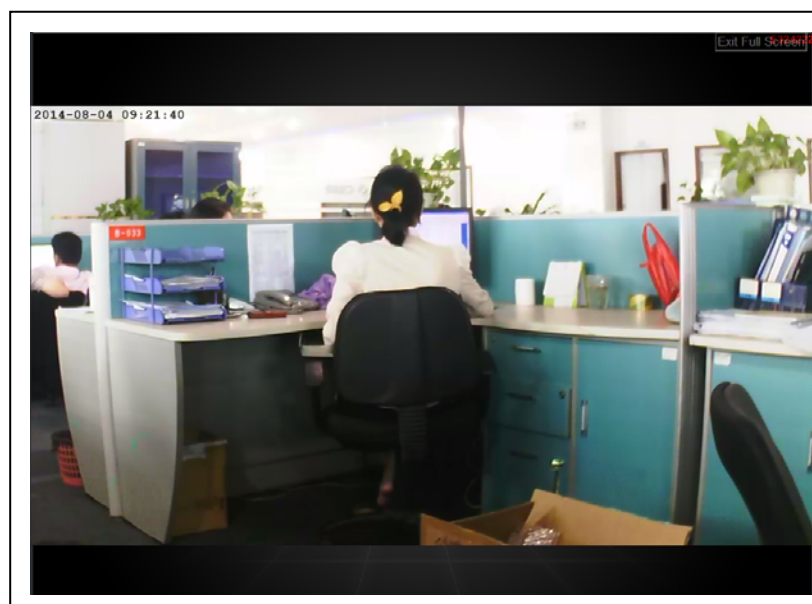
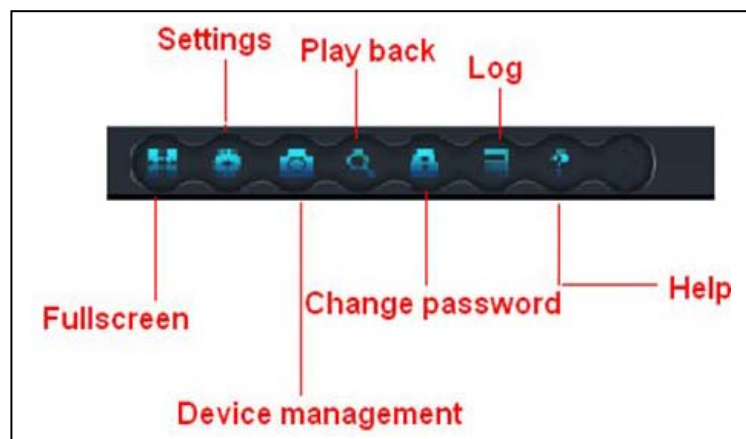
(4) Double click the camera name to view video



Attention: when the camera lighting RED, that means the camera is in use!

4.5. Main Menu

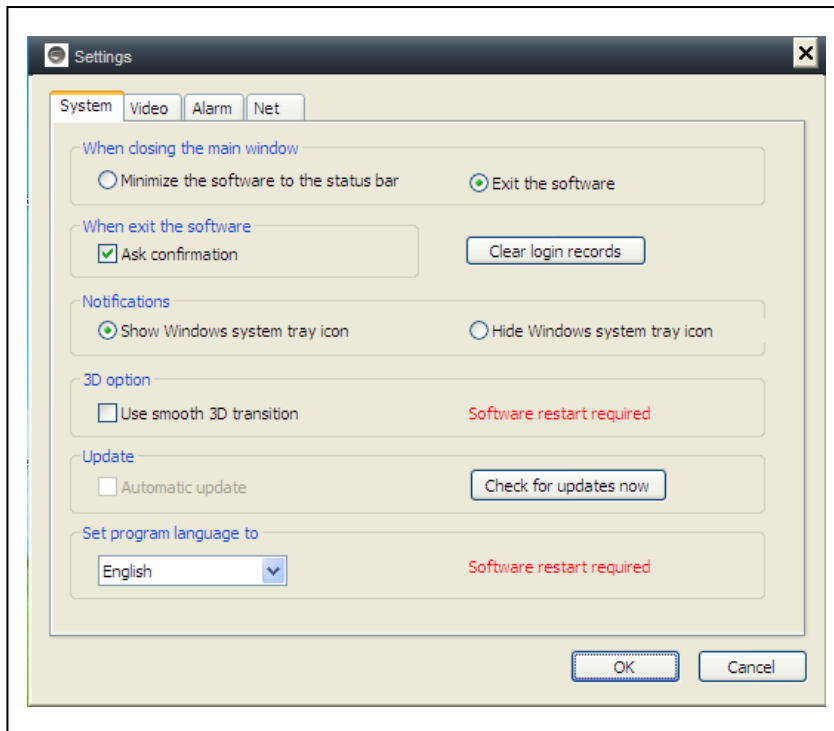
Settings
Play back
Log
Fullscreen
Device Management
Change password
Help



(1)



Full screen: View video in full screen.



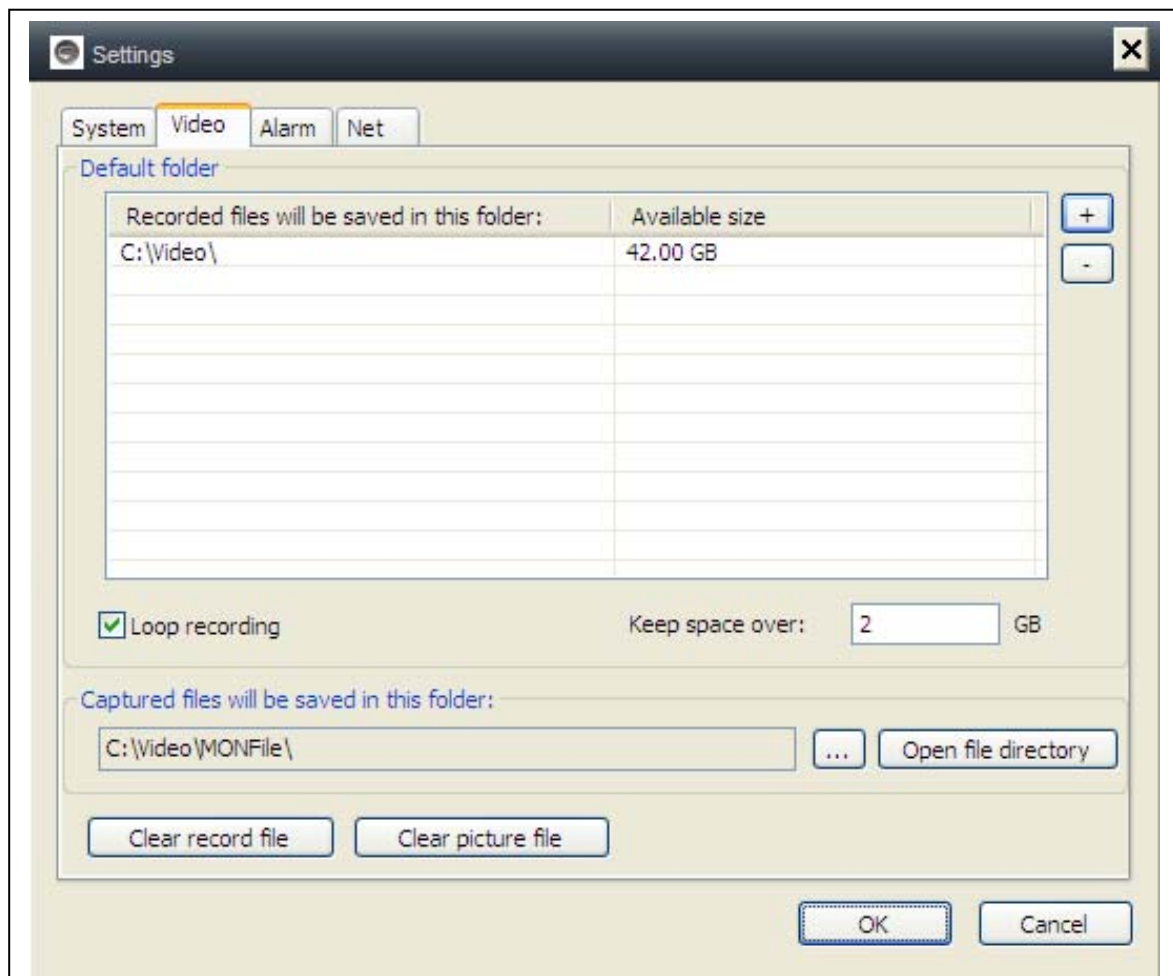
(2) 

Settings:

Set System, Video, Local alarm, Alerts, Net.

(a) **System:** Set Program, Language, Set 3D option, Notifications, Update Please activate the 3D Option when you want to use Digital Zoom!

(b) **Video:** Set the folder of video recording and take picture / alarm view time



(c) Local alarm alerts: Set local alarm record time / capture time / alarm music.

Settings

System Video **Alarm** Net

Alarm notification settings

Alarm notification time 10 sec

☐ Alarm audio notification

☐ Alarm recording time 30 sec

☐ Alarm capture 5 sec (On average, one picture per second is saved)

OK Cancel

(d) Net: Usually this is for development to test. Don't change anything.

Settings

System Video Alarm **Net**

Proxy

Type: IP: Port:

User: Password:

Connect

Type: IP: Port:

Local

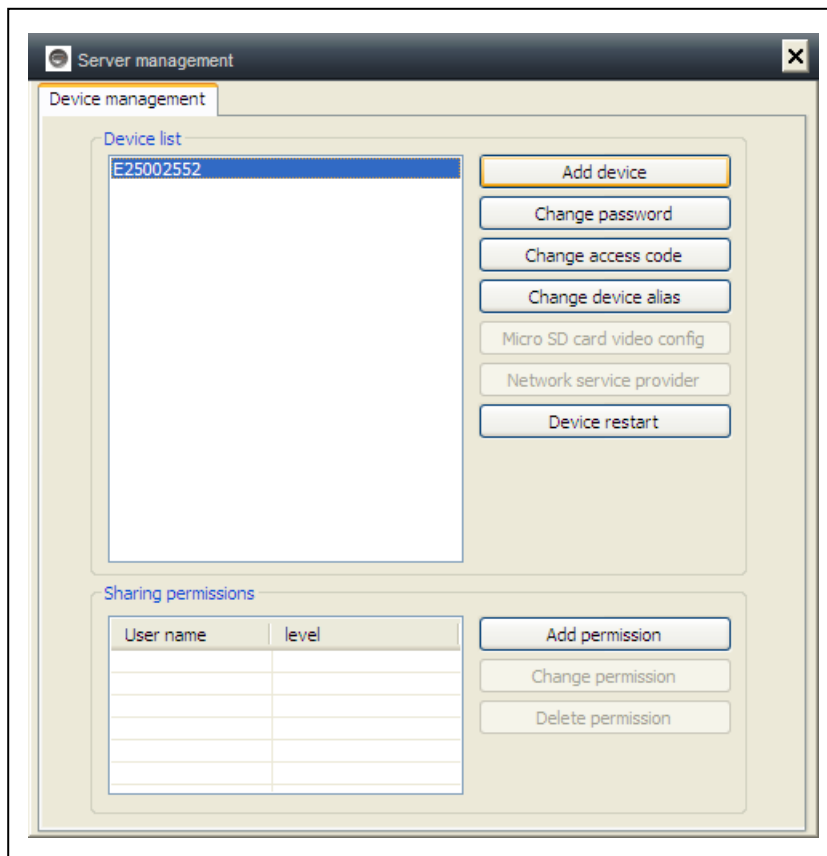
UDP port: TCP port: UPNP: Close

Network operator

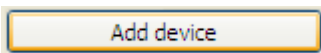
Auto

OK Cancel

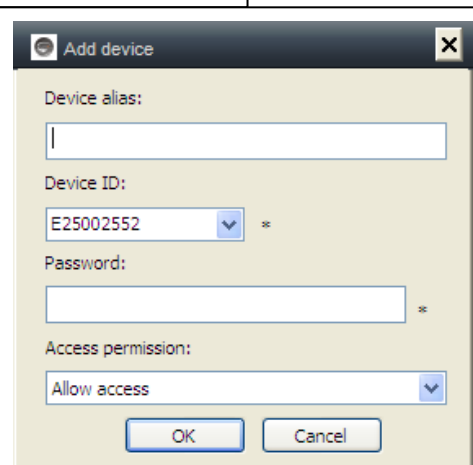
(3) **Device management:** Add device / change password /set permission



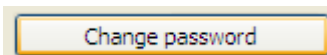
(a)



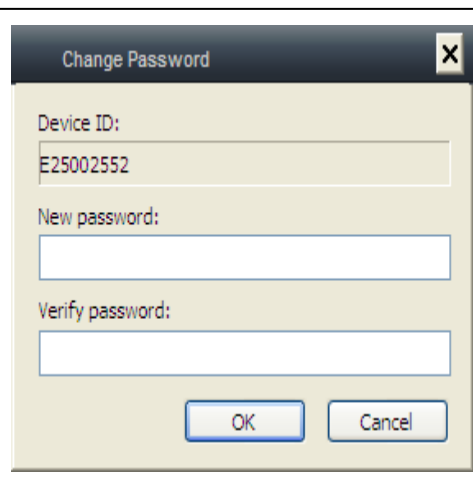
Add other camera to this account.
This account will get the management
authority.



(b)



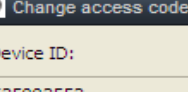
Change the device management
Password.



(c)

[Change access code](#)

Change the device access code (watch password).



Change access code

Device ID:
E2500252

New access code:
*

Verify access code:
*

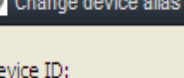
Access permission:
Allow access

OK Cancel

(d)

Change device alias

Change device name.



Change device alias

Device ID:

E25002552

Device alias:

OK Cancel

(e)

Device restart

Restart the device remotely.

[illegible]

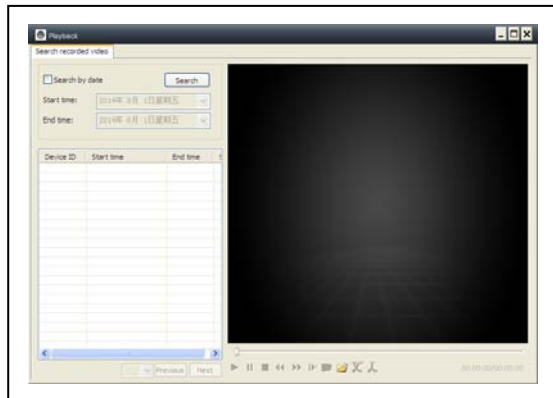
(f)

[Add permission](#)

Set permission.



(4) **Playback:** Playback video on computer.

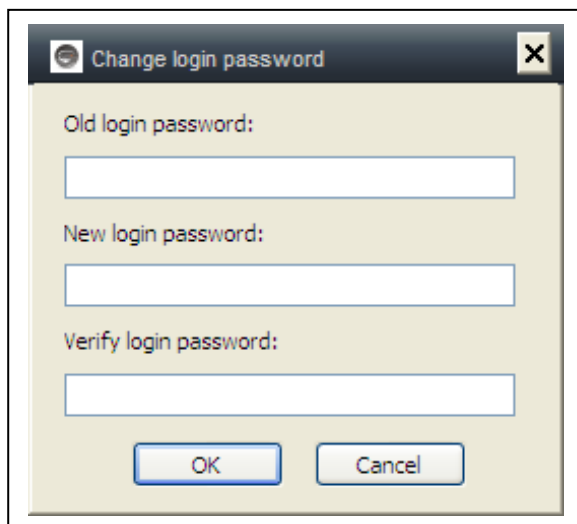


Attention:

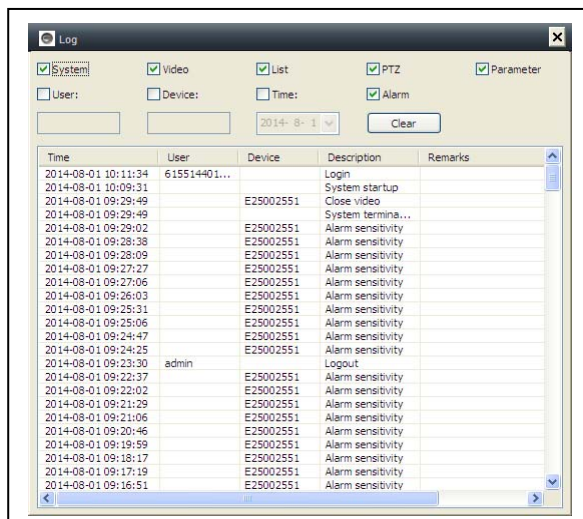
Press 2x on the file you want to watch.
The window opens (see left). Press with the right mouse button at the display of the window and after this you can use the buttons displayed on the below bar.



(5) **Change password:** Change login password.



(6) **Log:** Check system log.



(7) **Help:** Software question and answer.

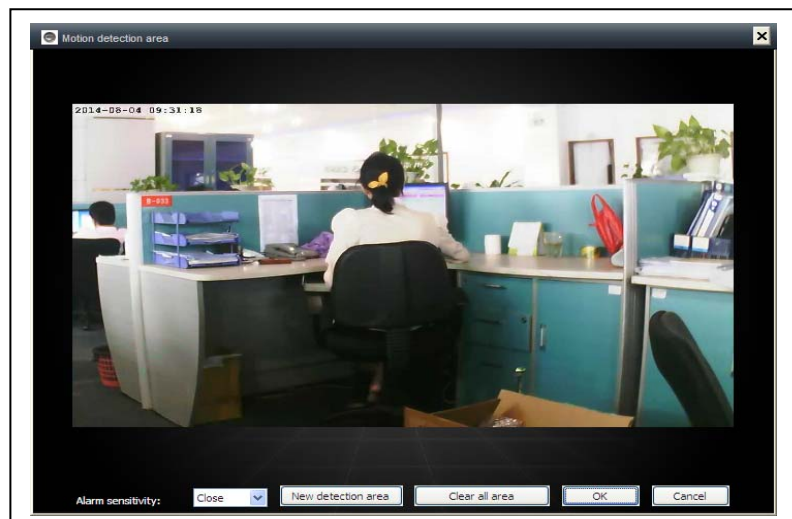
5. Video Surveillance (Control Panel)



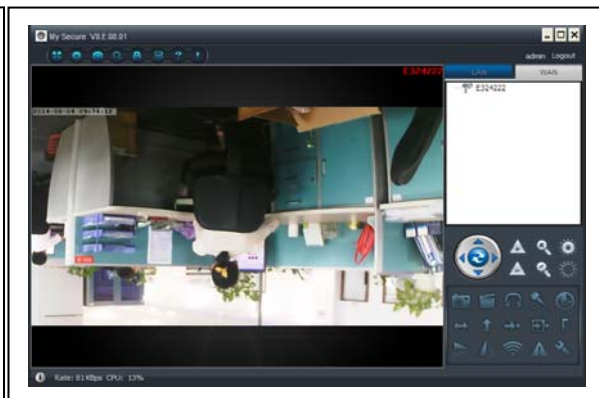
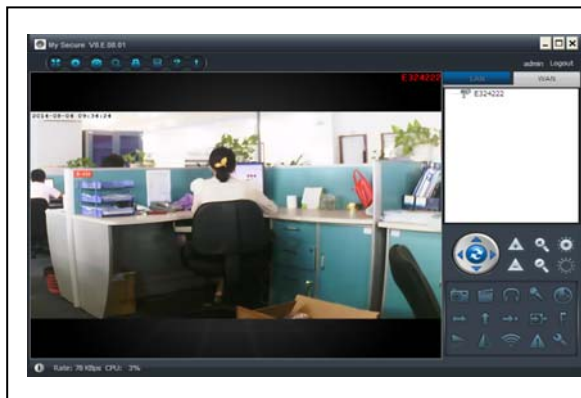
CAUTION: some function is only for special camera!

- (0)  Cruise (ON/OFF): Set cruise on, the camera will auto move rotate.
- (1)   Optical zoom: control camera optical zoom +/-, only for the camera has optical zoom lens.
- (2)   Digital Zoom: software support 4x digital zoom
- (3)   Aperture switch: set camera aperture big or small
- (4)  Capture: snap picture
- (5)  Record: Record video on computer
- (6)  Listen: listen to the camera audio on computer
- (7)  Talk: talk with camera on computer
- (8)  Set motion detection area: set the motion area (only for the camera which supports motion area. This is applicable to this TX-24 model itself.)

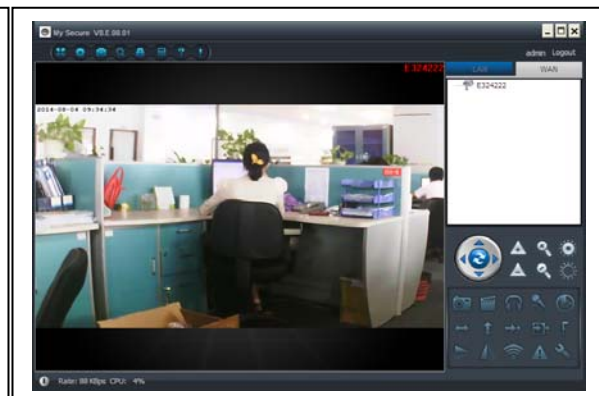
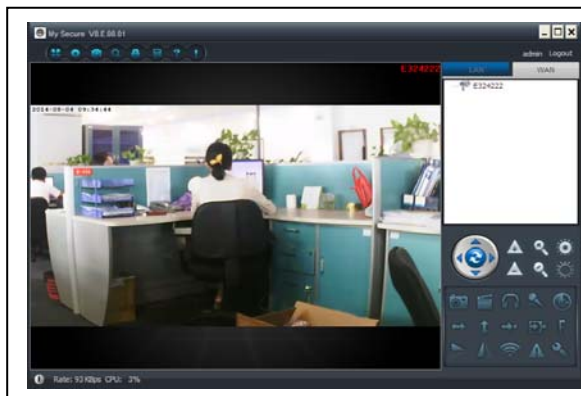
Set alarm sensitivity
and set area
(press left button and
move to set area)



- (9)  Horizontal pan (ON/OFF): set camera auto rotate horizontally
- (10)  Vertical tilt (ON/OFF): set camera auto rotate vertically
- (11)  Go to pre-set position: call the camera preset (1-8)
- (12)  Set preset position: set camera preset.(1-8)
- (13)  Set PTZ speed : set camera rotate speed (1-10, 10 is fastest)
- (14)  Vertical flip



- (15)  Mirror



- (16)  Set up wireless:
- Enable "Start WIFI setting" and click on Scan to search wireless router signal and select the right wireless router name, input password. Then press OK.

After set WIFI, the camera will auto restart in 1–2 minutes.

E324222 Setup WiFi

☒ Start WIFI setting

Network name (SSID): 0

Wireless security type:

Data encryption:

Password:

☒ DHCP

☐ Fixed IP address

IP address: . . .

Subnet mask: . . .

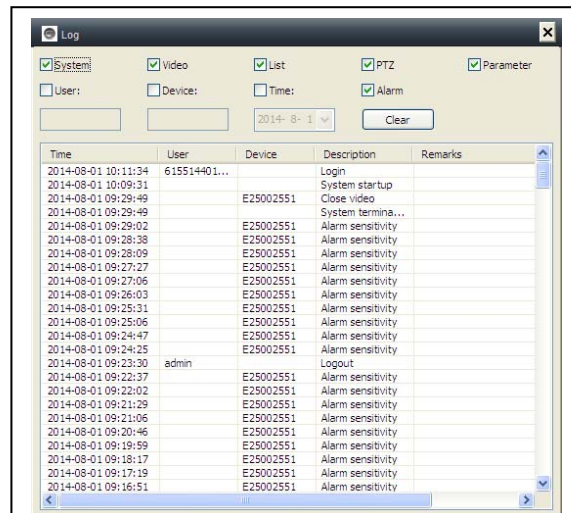
Gateway address: . . .

Preferred DNS server: . . .

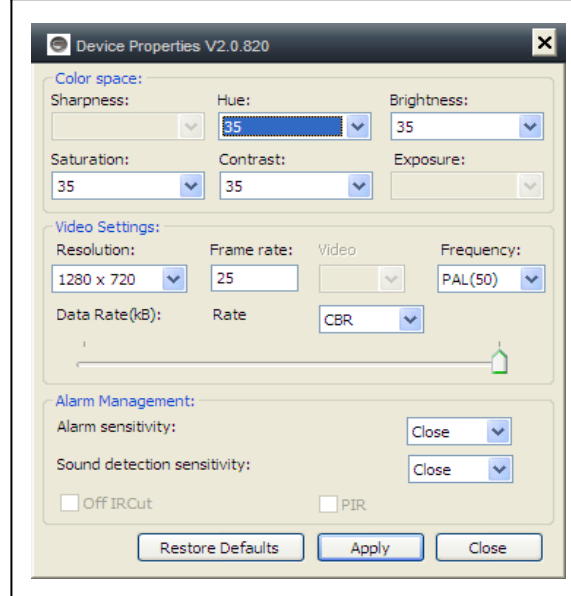
Alternate DNS server: . . .

Configuration successful, the device will auto reboot.

(17)  Alarm log:
The camera alarm log

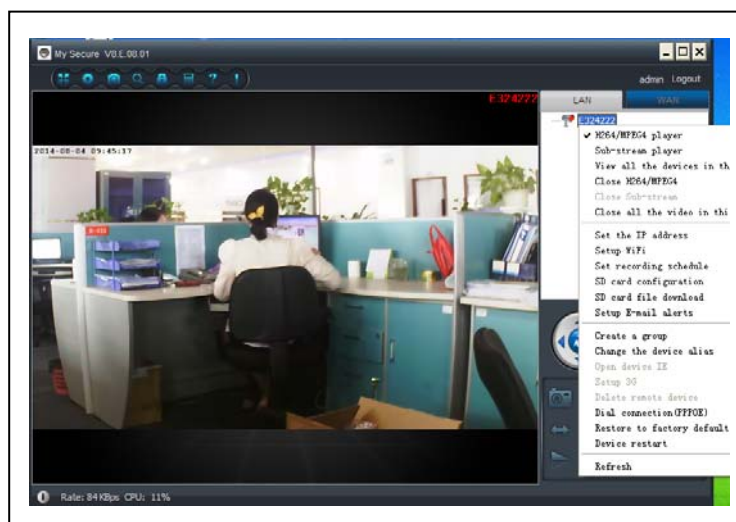


(18)  Setting:
Set device properties



6. General System Settings

6.1. Camera Settings in LAN Mode



Run the **My Secure**. All cameras will display in the LAN device list, double click the camera name to view the camera video. Right-click the device to set the camera parameter!

H.264/MPEG4 player (Better image quality)

Sub-Stream Player (Normal image quality)

View all the devices in this group

Close H.264/MPEG4

Close Sub Stream

Close all videos in this group

6.1.1. Set the IP address

Set the IP address V2.0.820

IP address information

☒ DHCP

☐ Fixed IP address

IP address: 192 . 168 . 2 . 104

Subnet mask: 255 . 255 . 255 . 0

Gateway address: 192 . 168 . 2 . 6

Preferred DNS server: 192 . 168 . 2 . 6

Mac address: 04:75:F5:17:B3:5E

LAN port: 5000 (5000 ~ 10000)

Network operator: Auto

☐ Only use the device in the LAN

Device status

Login successful

OK Cancel

The default setting is camera use DHCP.
Camera auto gets IP address from network router.

It is a easy way for normal customer who do not know how to set IP address manually.

6.1.2. Set WIFI connection

(refer to 4.2. WIFI connection)

E25002551 Setup WiFi

☒ Start WiFi setting

Network name (SSID): 0 DANIEL-PC Network Scan

Wireless security type: WPA-PSK

Data encryption: AES

Password: *****

☒ DHCP

☐ Fixed IP address

IP address: 192 . 168 . 2 . 112

Subnet mask: 255 . 255 . 255 . 0

Gateway address: 192 . 168 . 2 . 6

Preferred DNS server: 192 . 168 . 2 . 6

Alternate DNS server:

Configuration successful, the device will auto reboot.

OK Cancel

Activate the „Start WiFi Setting“ and click on Scan. Select your “Router” Network Name and put the right password from your WiFi router. Here no more changes! Then press OK.

6.1.3. Set the local video plan

Set local video record plan, the software will auto record the camera schedule on the computer after the **My Secure** is running, as shown below:

Enable “7 x 24” to record all the time from Sunday to Monday

Click “Add” to select the day it and set the start and End time for video recording

Click “Apply” to save the current video equipment plan settings.

Recording schedule E25002551

Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

Start time	End time

☒ 24/7 Add Clear Remove all Apply

Add a time period

Start time: 15:36:29 End time: 15:36:29

☐ 24 hours Add Cancel

Recording schedule E25002551

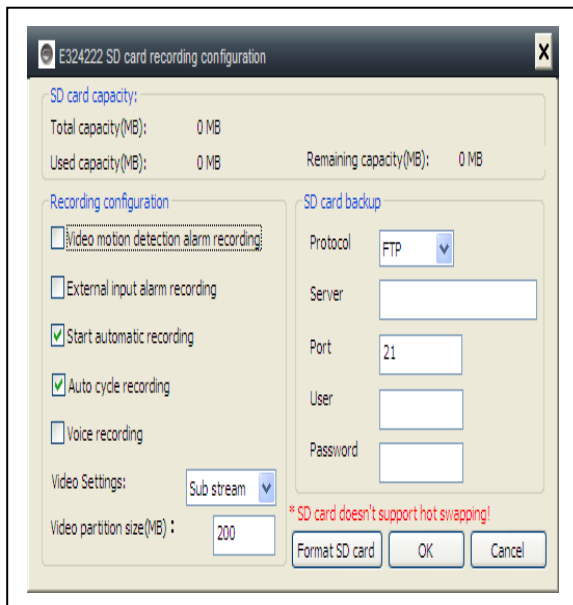
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

Start time	End time
15:36:29	15:36:29

☐ 24/7 Add Clear Remove all Apply

6.1.4. MicroSD card configuration

Turn off the camera, then insert the MicroSD card and turn on the camera, after boot up. First format the MicroSD card. It also does not support hot swapping.



Insert a MicroSD memory card:

- (1) Formatting a MicroSD* Card (*not in delivery) in Windows with FAT32.
- (2) Remove the 4 screws at the rear side of the camera.
- (3) Pull out the rear part of the camera a little bit, in order to see the MicroSD card slot (which is the part of it).
- (4) Insert the MicroSD card into the card slot (is in the rear part of the camera).
- (5) Push back the rear part of the camera in to the housing and fix it with the 4 screws.

☐ Video motion detection alarm recording

The camera auto records video to the MicroSD card when there is motion alarm.

☐ External input alarm recording

The camera auto records video to the MicroSD card when the camera external sensor gets alarm.

☐ Start automatic recording

The camera auto continue records after the camera boots up.

☐ Recording coverage automatically cycle

The camera auto coverage the old video file when the MicroSD card is full.

☐ Voice recording

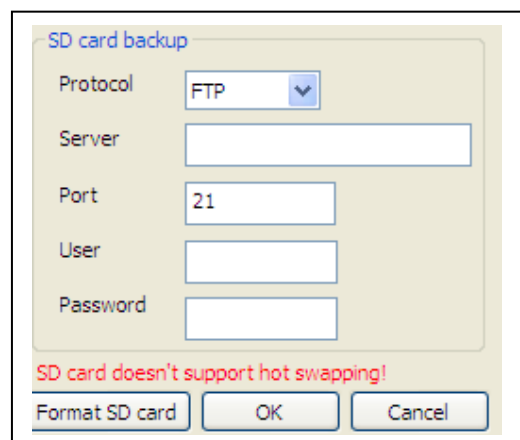
The camera record audio to the MicroSD card.

Video Settings: Sub stream ▼

Select the record video stream

Video partition size(MB)

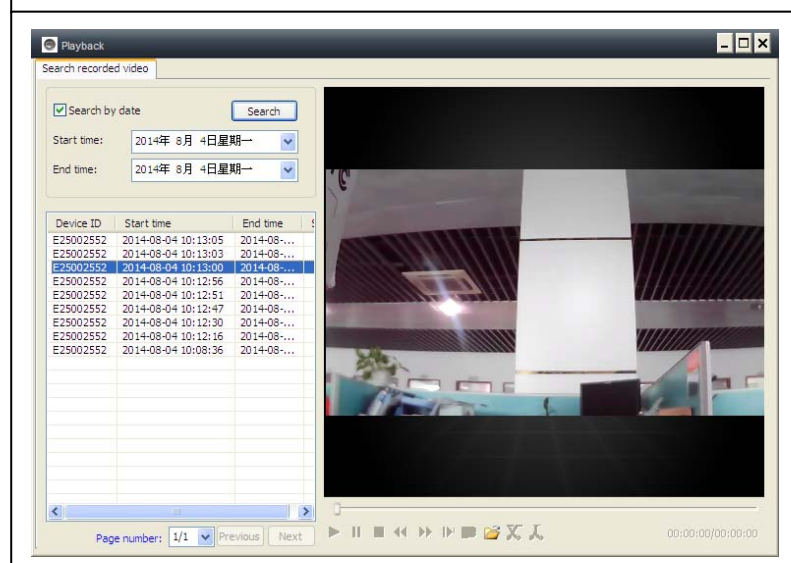
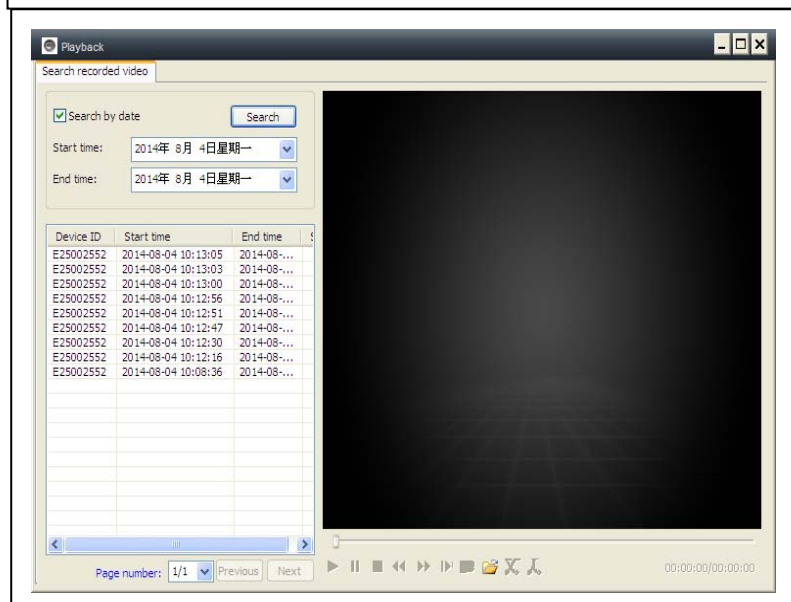
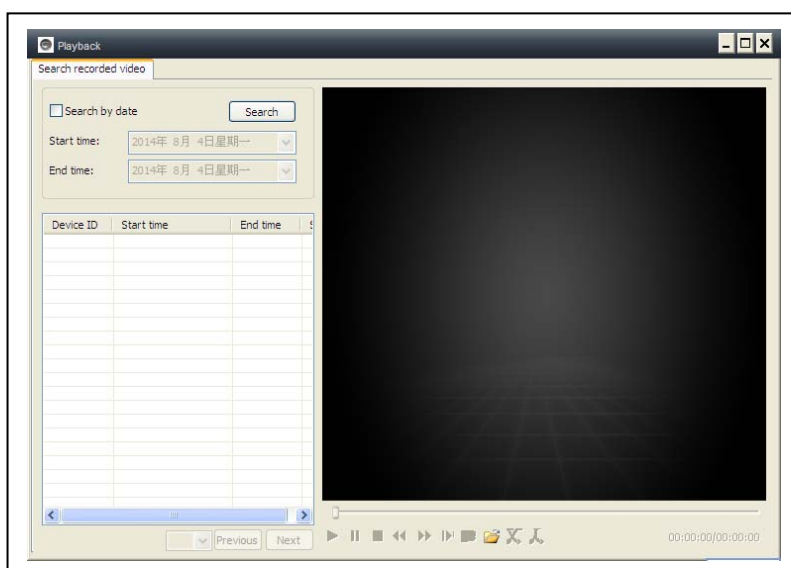
Set the video file size.



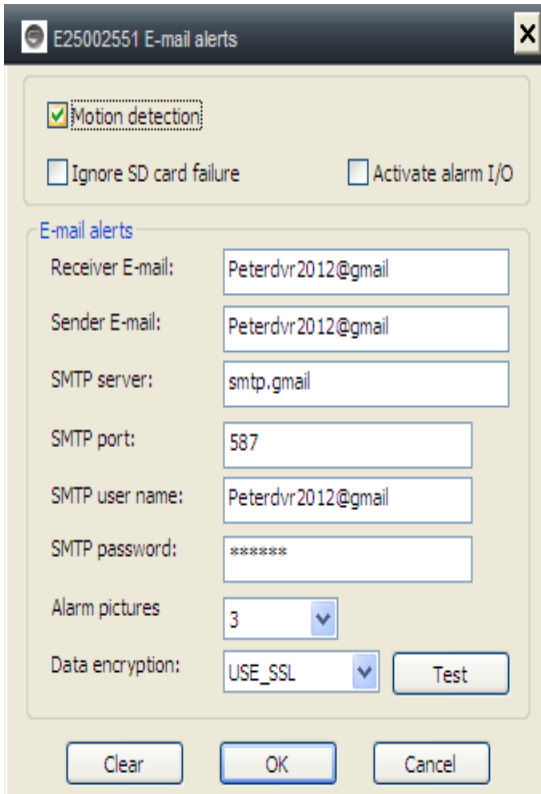
Set video uploading to FTP server. FTP server can be only useful when MicroSD card has been plugged in.

6.1.5. MicroSD file download

Click “Search” to search the video file on the MicroSD card. Double click the file to download, double click the file to Playback after downloaded.



6.1.6. Alarm alerts (Email)

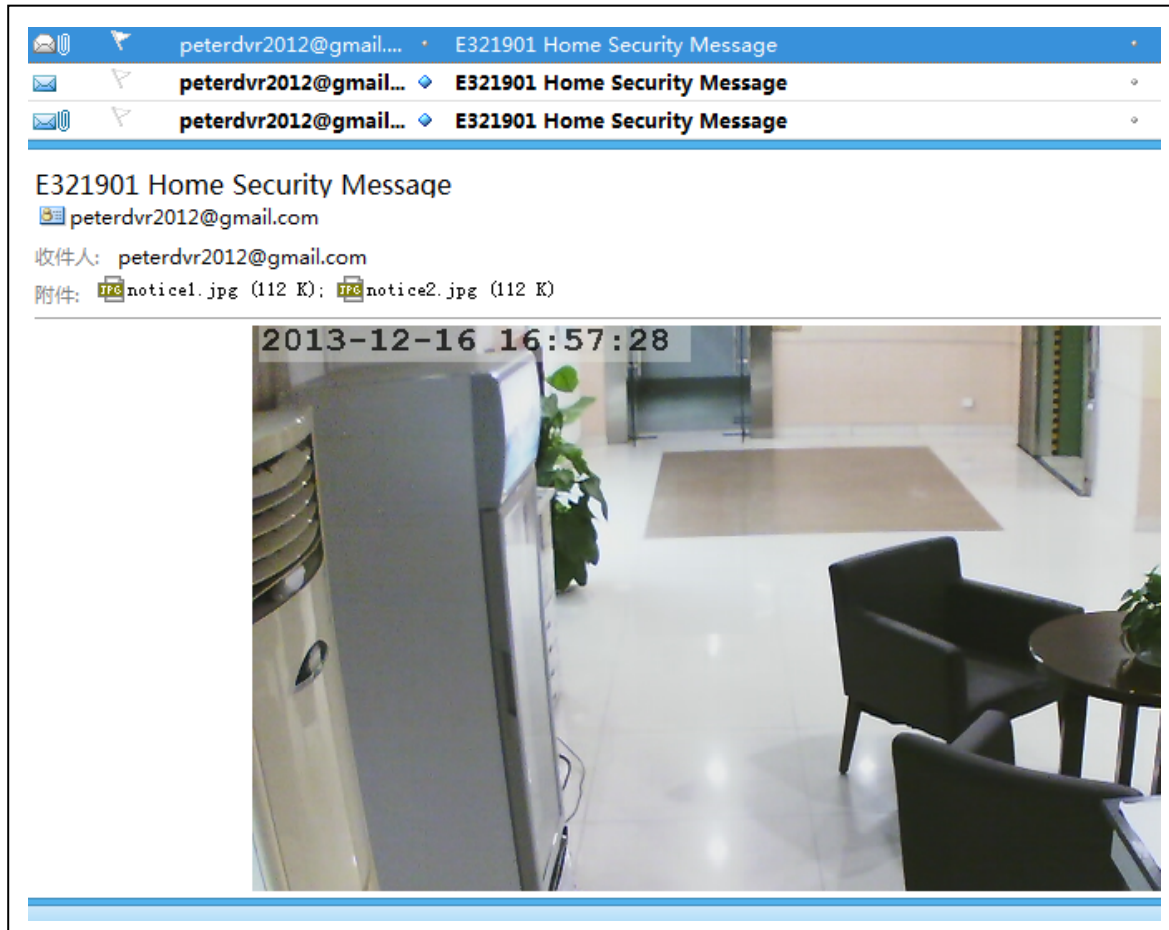


First enable the camera motion alarm function before setting the alarm alerts by Email.

Fill in the blanks of the pop-up window, click "OK". The device will automatically take photos and sent them to the email you set. (For example: the SMTP port for Gmail is 587; Yahoo use 465).

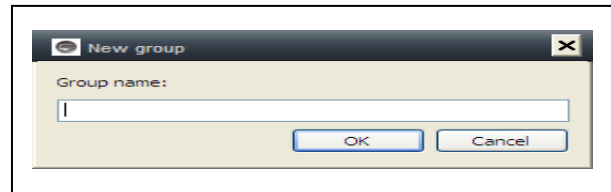
Alarm pictures: picture No. you want to the camera to snap.

Data encryption: To set the data encryption format depend on the email box supplier.(Gmail use TLS; Yahoo use SSL)



6.1.7. Groups

(1) Create a Group: Right click the camera ID and select “Create a group”. Enter a name for the group in the pop-up interface.

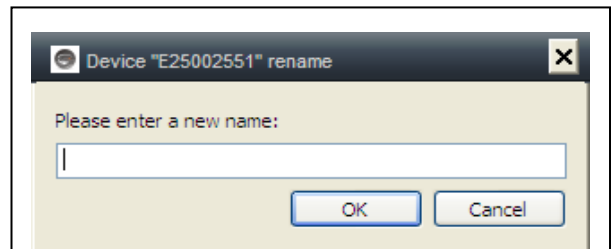


(2) Delete a Group: Right click the group name and click "Delete group" to display the pop-up box.

(3) Add the camera to the appropriate group: Select the camera ID, hold down the left mouse button to drag the camera to the group, and then release the left mouse button.

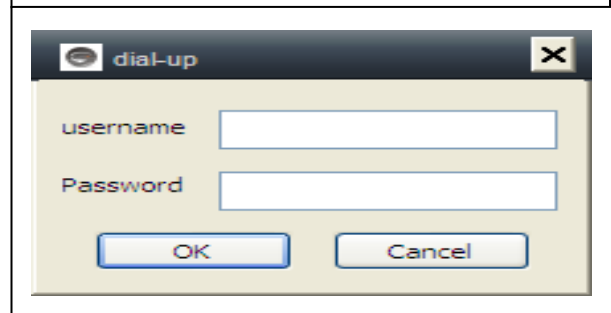
6.1.8. Change the device alias

Set a name that easy to remember for LAN camera. Right-click the camera ID and select “Change the device alias” to set a new name for the camera, as shown.



6.1.9. Dial connection (PPPOE)

Right click the camera ID and select “Dial connection (PPPOE)”: Input user name and password of internet, and click “OK” to save.

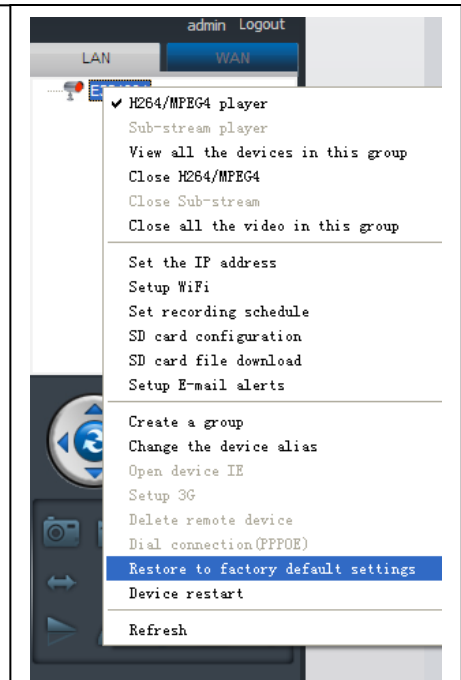


6.1.10. Restore default setting

Right click the camera ID and select “Restore the default setting”, as shown:

REMARKS: Login password, watch password, and the parameters of the device like camera system, language, video parameter, will be restored to the factory setting. All those settings previously saved will be lost.

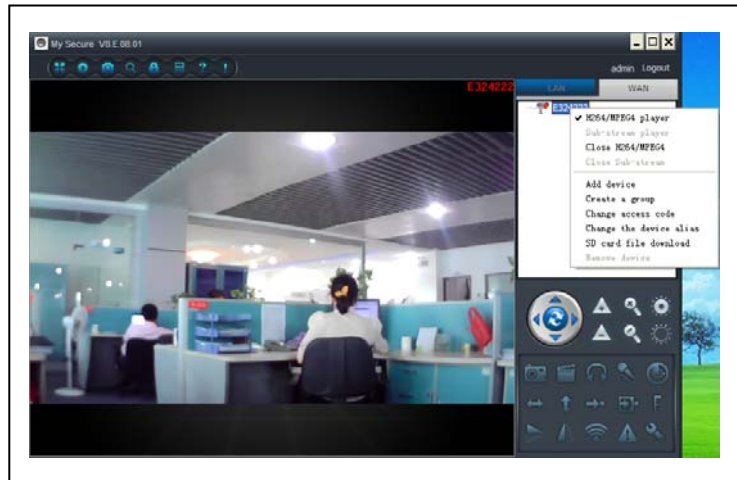
The manager for the device will not be changed back to the default manager.



6.2. Camera settings in WLAN mode

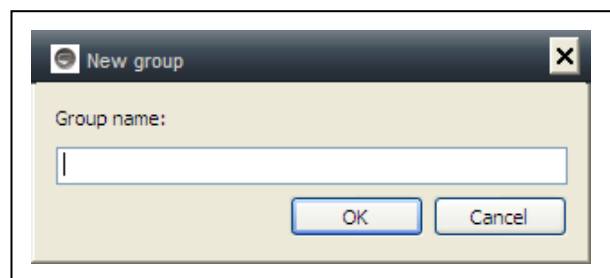
Inicie sesión en **My Secure** con la identificación de la cámara (o con una cuenta nueva registrada) y la contraseña.

- . H.264/MPEG4 player
→ (better image quality)
- . Sub-Stream Player
→ (Normal image quality)
- . Close H.264/MPEG4
- . Close Sub Stream



6.2.1. Groups

(1) Create a Group: Right click the camera ID and select "Create a group". Enter a name for the group in the pop-up interface.

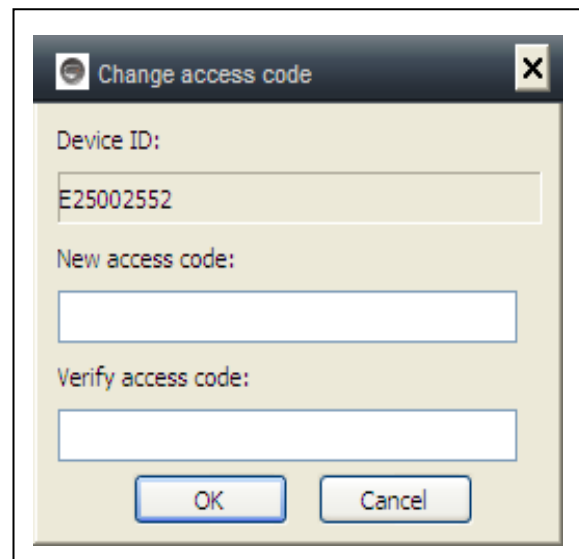


(2) Delete a Group: Right click the group name and click "Delete group" to display the pop-up box.

(3) Add the camera to the appropriate group: Select the camera ID, hold down the left button to drag the camera to the group, and then release the left mouse button.

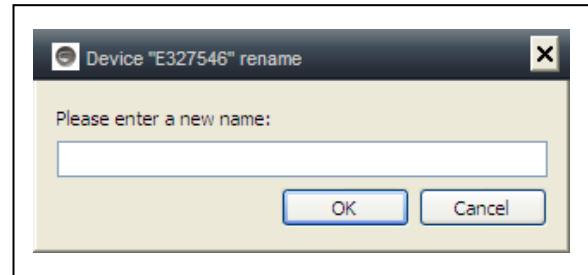
6.2.2. Change Access password

After successfully login in, click right on camera ID, select "Change access code", as shown:



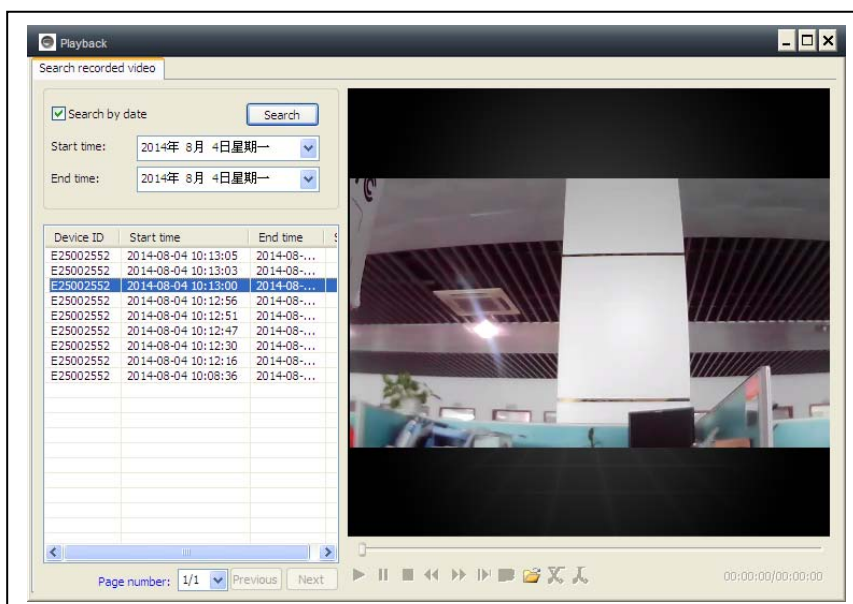
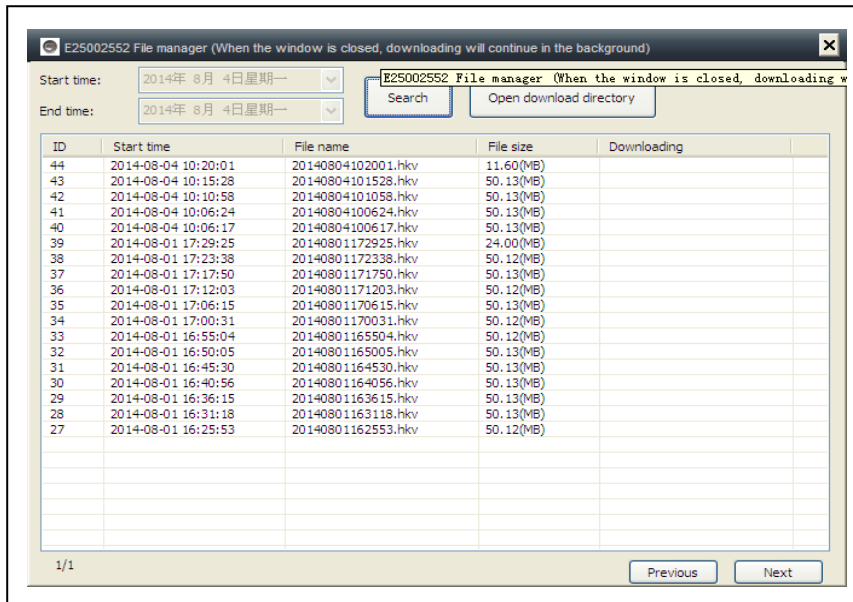
6.2.3. Change the camera alias

Set a name that easy to remember
For LAN camera. Right-click the
camera ID and select “Change the
device alias” to set a new name for
the camera, as shown.



6.2.4. MicroSD card query

- (a) Right mouse click on the camera ID and select the “SD Card query”.
 - (b) Click “Search” to obtain the file directory of the MicroSD card.
 - (c) Double-click the file to download.
- Maximum 3 files are supported to be downloaded at the same time.



6.2.5. Installing MY SECURE

There are different kind of software can be used in our IP camera:

(1) MY SECURE: for Windows PC users



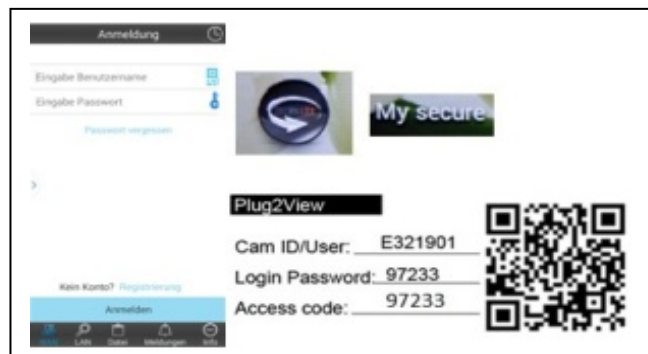
(2) My Secure: for Smartphone users like Android and iPhone.

Users can use different software above to see video from one IP camera.

NOTE: modifications on one IP camera through different software are simultaneous. In order to prevent disorder among modifications on different devices, we suggest each user should register one account for surveillance management only.

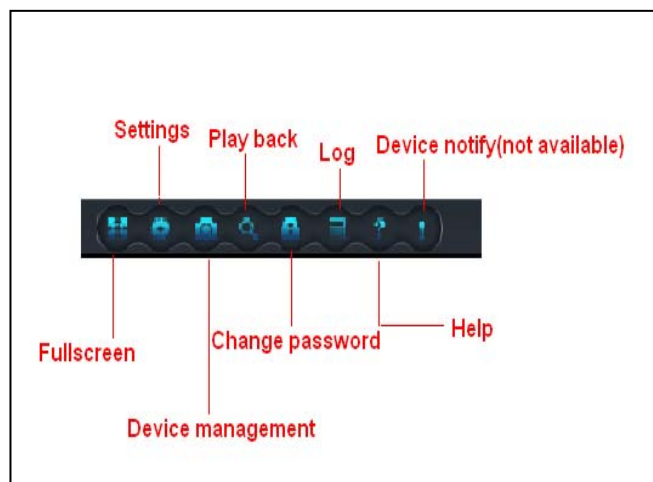
(3) QR-Code:

Except for logging in with the ID number and password on the sticker, users can also login automatically by scanning the QR-Code on the sticker. After clicking the "Scan QR Code" on the Smart Phone the scanning of the ID number and password starts automatically. Once the scanning is correct and finished, the live video will come out automatically via the mobile phone.



7. Settings on the Main Menu

Settings
Play back
Log
Device notify (not available)
Fullscreen
Device Management
Change password
Help



7.1. Full Screen



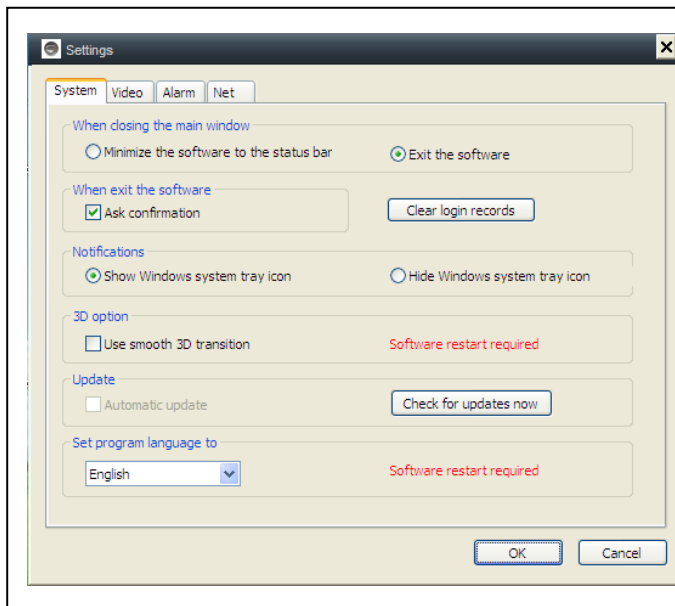
Live video in software will be in Full screen after click button “Full screen”. To exit the Full screen please click the button in the screen top right hand corner or “Esc” in the keyboard.

7.2. Settings



In “Settings”, user can do the setting for System, Video, Local Alarm Alerts and Net.

7.2.1. System

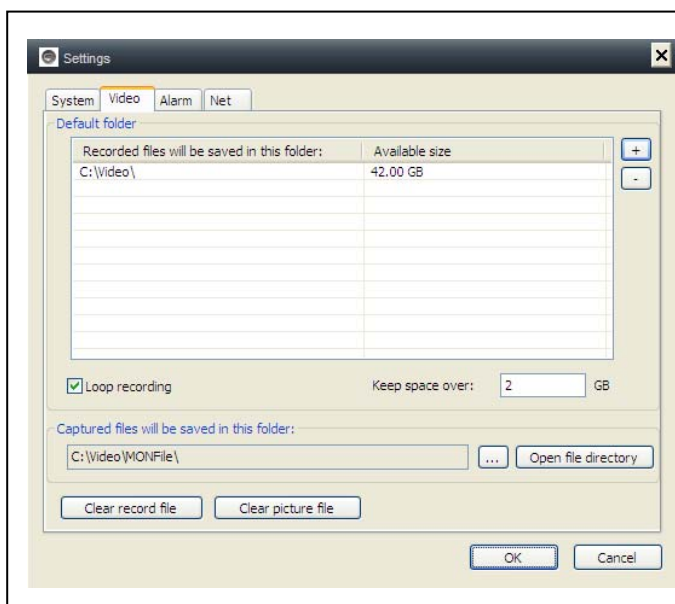


User can do the setting for “When closing the main window”, “Exit software”, “Notification”, “3D option”, “System Upgrade” and “Set program languages” by this page.

Remind to use “3D option” and “Set program languages to” will only be activated after restart the software.

7.2.2. Video

Default folder for capture and video recording can be set on this page.



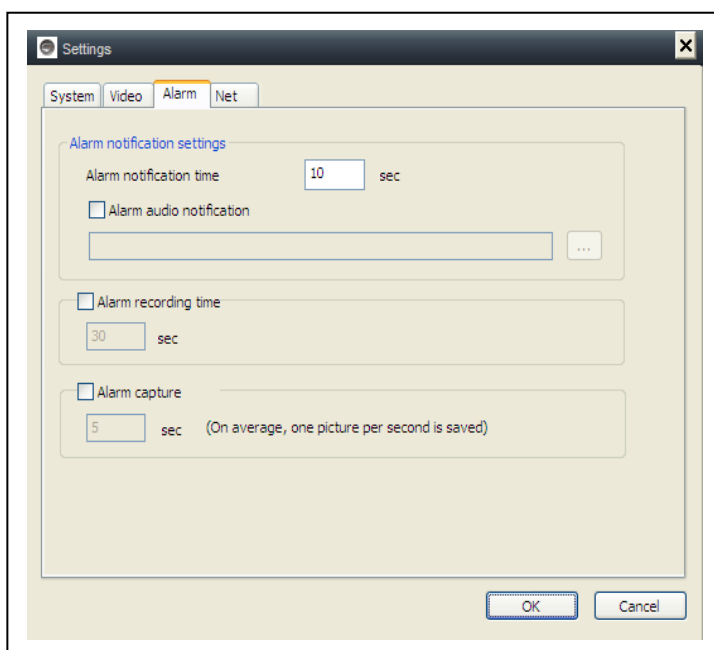
The new video file will cover the old record by setting “Loop recording” if the hard disk space is not enough for video storage, user can assign the minimum available hard disk space in the PC by setting “Keep space over”

(The default setting of software is 2 GB).

“Alarm view time” means the duration showing the “Device alarm” message the top left corner when the motion detection alarm is activated. “Clear record”, “Clear picture file” and “Clear login record” also can be done by this page.

7.2.3. Local Alarm Alerts

Before setting the Local Alarm Alerts, complete the setting on motion detection area. To learn about the setting of motion detection area, refer to No. 5. “Video Surveillance” (8) Motion detection area”.



Click “Settings”, and choose “Local Alarm Alerts” setting, as shown.

Local alarm record: Tick the box and set the “Alarm record time”. Camera will start to record after the set time reached

Local alarm capture: Tick the box and choose the alarm time interval when snap.

Local alarm music: Tick the box to set the audible alarm music you like

Click OK to confirm setting.

7.3. Device Management

Device management function is used to manage the permission for different device and different user. Before starting the device management, make sure you login with your account which you registered.

7.3.1. Add device

Input:

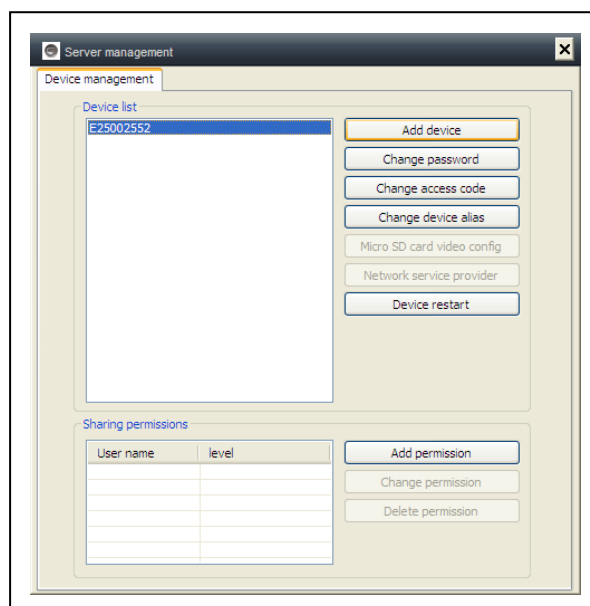
Device Alias

ID

Management password

Watch password

Set watch permission



Add device

Device alias:

Device ID:

E25002552 *

Password:

* *

Access permission:

Allow access *

OK Cancel

REMARK:

Default management password and watch password equal to the device login password and Access code on the QR code label.

IMPORTANT:

Default Manager (User) for the camera is Cam ID / User on the camera label. Manager position will be changed to other user if other user clicking in the "Device management" with the correct management password (Login/ password on product QR code label).

One user can be the manager for more than one device.

If user forgets the password, click the restore button (**Refer to Section 6.1.10. "Restore the default settings"**) and password will change back to the original password.

7.3.2. Change management password

Server management

Device management

Device list

E25002552

Change Password

Device ID:

E25002552

New password:

Verify password:

OK Cancel

Sharing permission

User name	level

Add device

Change password

Change access code

Alias

config

provider

rt

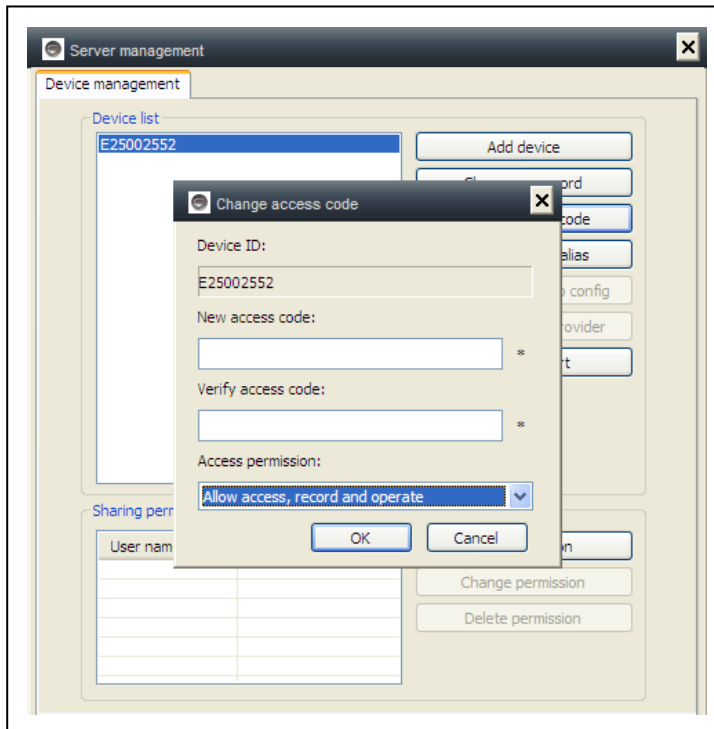
Add permission

Change permission

Delete permission

Input the new management password (Equal to the login password in the QR code label), the new password will replace the login password of device on QR code label.

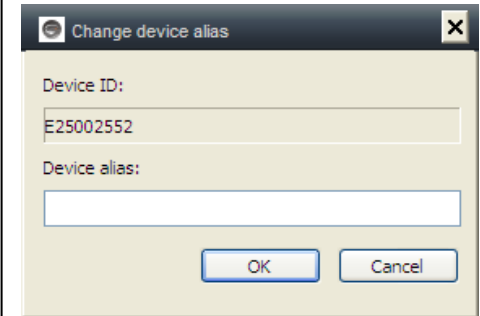
7.3.3. Change watch password



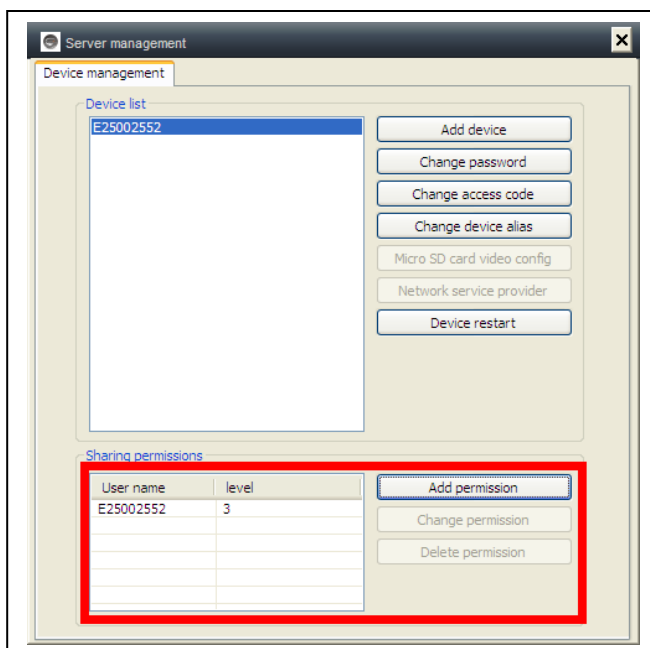
Input the new watch password (Equal to the Access code in QR code label) and set the watch permission, the new watch password will replace the Access code on QR code label.

7.3.4. Change camera alias

Set a friendly name easy to Remember for the camera.



7.3.5. Permissions Setting



This camera is private and protected, to limit the activity for registered user.

Management can assign different permission level to different user.

To set permission for different user, follow the steps below.

Add permission: Input the user name and search, then select the user name and set permission levels.

The image shows two screenshots of the 'Add user permissions' dialog box. The left screenshot shows the 'User name' field empty and 'Set permission level' set to 'No right'. The right screenshot shows 'E25002552' entered in the 'User name' field and 'Set permission level' set to 'Allow access'. A blue arrow points from the left to the right screenshot.

Change permission: Select the user name and click “Change Permission”, then select the level by “No right”, “Allow watch”, “Allow watch and record” and “Allow watch, record and operate”.

No right: Users are not allowed to watch the live video unless they know the watch password.

Allow watch: Users are allowed to watch live video.

Allow watch and record: Users are allowed to watch, capture and record live video.

Allow watch, record and operate:

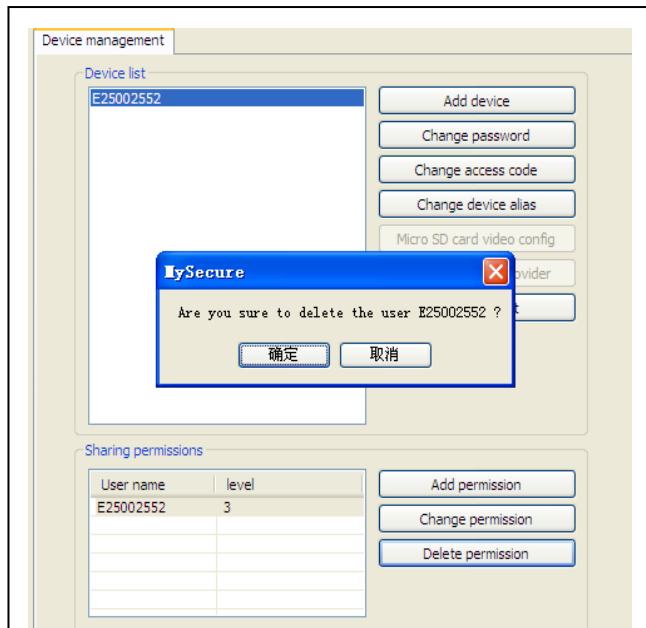
Users are allowed to watch live video, capture and record live video, and change system settings, to control PTZ.

The image shows a screenshot of the 'Server management' window. The 'Device list' shows 'E25002552' selected. The 'Sharing permissions' table shows 'E25002552' with level '3' highlighted by a red box. The 'Change permission' button is also highlighted by a red box.

User name	level
E25002552	3

Delete permission:

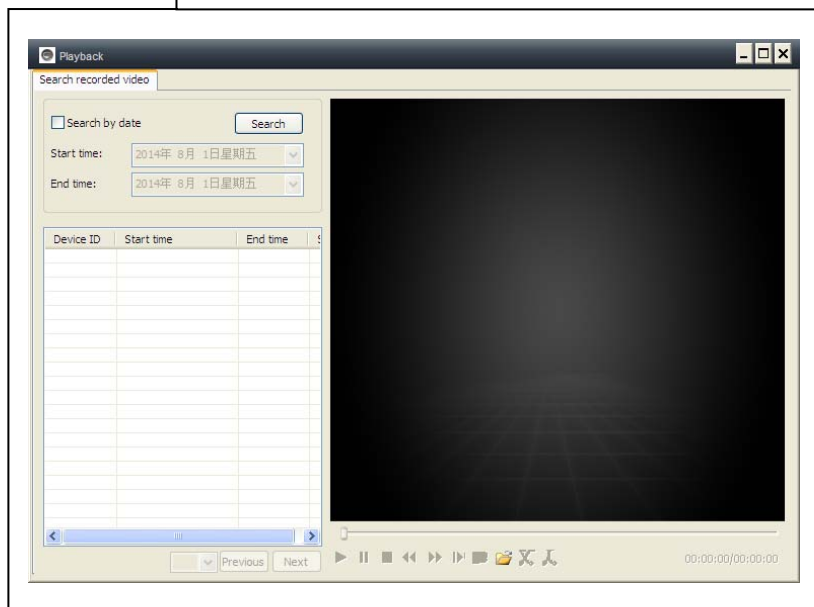
If the user name is deleted, user will have the permission to watch IP camera if the user knew the watch password (Access code).



7.4. Search

According to recording time of the query video recordings on the local computer, double-click the video file to playback.

NOTE: Video playback support for pause, slow down, fast forward, drag the progress bar and other operations.



7.5. Change password (User login password)

When login successfully, you can click "Change Password" button on the menu bar, pop-up window, input the original login password and new password.

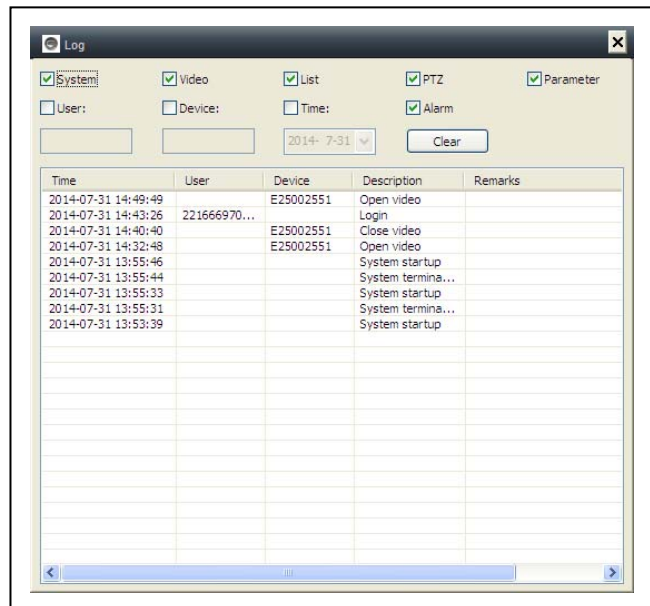


7.6. Log

User can check the Log History by clicking on the “LOG” icon.

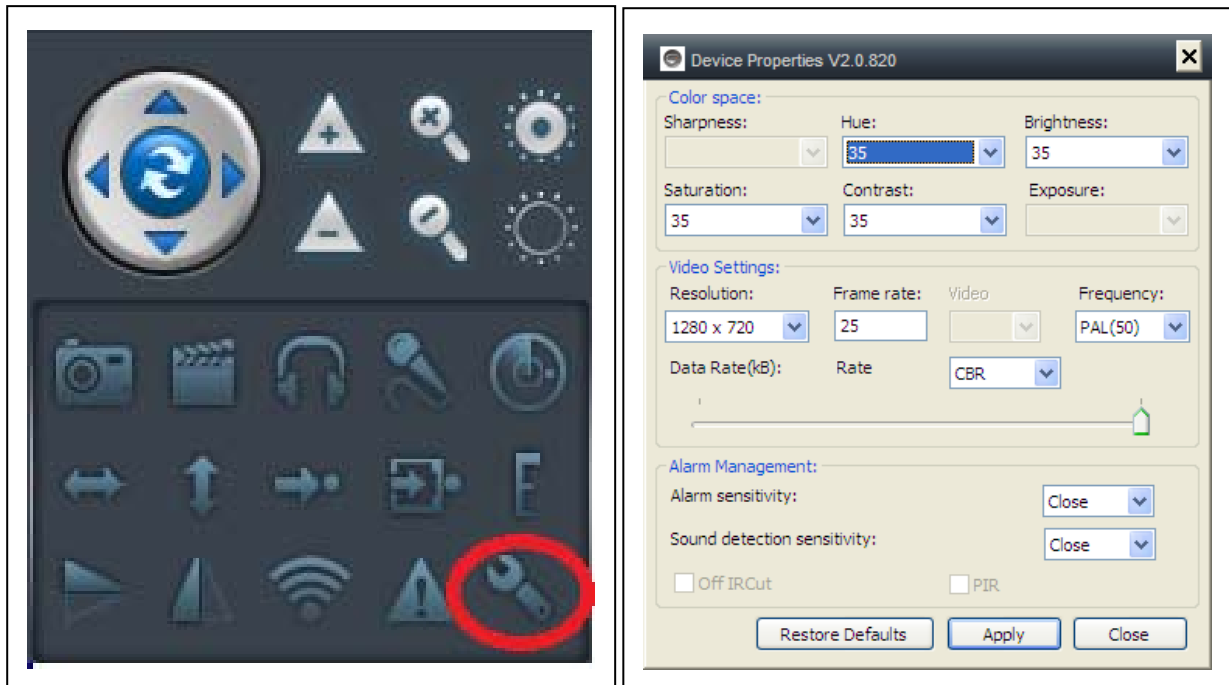
7.7. Help

User can check the user manual by HTML format by clicking on the “Help” icon on top left main menu.



8. FAQ (Frequently Asked Questions)

8.1. Video delay: There are three factors which will cause video delay: upload speed, PC download speed, and image resolution. If the issue happens on the PC client, generally, you can click “Settings” as below to adjust the resolution to QVGA (320 x 240). If it also does not work, please check the other two factors.



8.2. LAN cable should not be too long

If network cable is too long, the signal will be weakened and cause disconnection. Any network fault on PC client or IP camera will cause video disconnection.

8.3. Cannot visit the IP camera in LAN

1. Check, if the network cable is connected ok.
2. Right mouseclick on LAN and select "Set the IP address". Normally the device will automatically get an IP address. If not, you have to set manually the same Subnet IP address for the device.

Set the IP address V2.0.820

IP address information

☐ DHCP

☒ Fixed IP address

IP address: 192 . 168 . 2 . 104

Subnet mask: 255 . 255 . 255 . 0

Gateway address: 192 . 168 . 2 . 6

Preferred DNS server: 192 . 168 . 2 . 6

Mac address: 04:75:F5:17:B3:5E

LAN port: 5000 (5000 ~ 10000)

Network operator: Auto

☐ Only use the device in the LAN

Device status

Login successful

OK Cancel

8.4. Can visit the IP camera in LAN, but cannot view it on WLAN

When camera can be viewed on LAN, but cannot be viewed via WLAN, usually because the device gets wrong IP address. Try to set DHCP for the device

8.5. Image quality is not good enough

All of the camera parameters keep default value of factory, but not all the parameters are proper for special occasions. The default setting is based on factory testing environment. Users can adjust parameters according to his environment to get a good video. You can adjust the parameters like resolution to get better quality images according to your requirements.

Device Properties V2.0.820

Color space:

Sharpness: Hue: 85 Brightness: 35

Saturation: 35 Contrast: 35 Exposure: 35

Video Settings:

Resolution: 1280 x 720 Frame rate: 25 Video: CBR Frequency: PAL(50)

Data Rate(kB): Rate

Alarm Management:

Alarm sensitivity: Close

Sound detection sensitivity: Close

☐ Off IRCut ☐ PIR

Restore Defaults Apply Close

8.6. Forgot your password?

If you have forgotten your own login password which registered by yourself, click "Forgot Password". Input your username and your registered email address. The server will send a password to your mail box. Then use the new password to login.

Forgot password

User name: csstditpc

E-mail: peterdvr2012@gmail.com

OK Cancel

Login Register

LAN WAN

User name: E306082

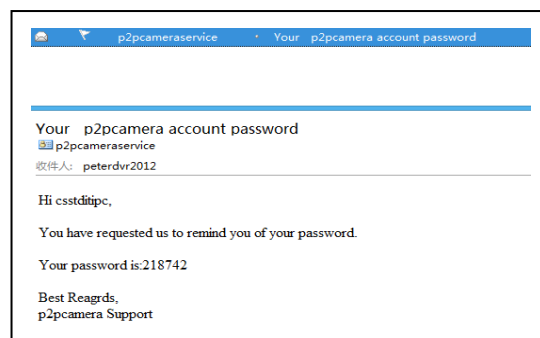
Password:

Forgot password?

☐ Auto login ☒ Save password

Login Guest

Please check your Email



8.7. Restore to default settings

- (a) Press the reset button of the camera about 1 minute.
- (b) Right-click camera ID on LAN, click “Restore to default setting”.

8.8. How to reboot equipment?

User can reboot equipment whatever he/she is in local network or Internet. If the user is in LAN, right-click the device and select “Device restart”. If the user is in WLAN, click “Device management” and click the “Device restart”.

9. Technical Specifications

Image Sensor	1/4" CMOS colour sensor
Minimum illumination	0.5 Lux
Waterproofed	IP65
Video compression	H.264 720p Multi Stream
Internet connection	Supports P2P function, easy to connect through internet
Video frame rate	25fps
Motion detection & Capture	Yes / Yes
Video (adjustable)	Brightness, Contrast, Sharpness, Saturation
Digital Zoom	4x Digital Zoom
Audio output	One audio output
Audio format	G.726
System interface	Audio input/output
	Alarm input/output
	10Base-T / 100Base-TX internet interface
Video stream	16Kbps ~ 4Mbps
Protocol	TCP / IP
Wireless network	Supports 802.11.b/g/n wireless protocol
Memory card	Supports MicroSD card up to 32GB
Infrared lights	36 IR-LEDs
IR night vision	20 m
Alarm input	One-way high level input
Alarm output	One-way DC5V 300mA output
Power supply	External power adaptor DC 12V / 1A
Power consumption	4 W
Working temperature	-5°C up to +55°C
Weight / Dimensions	725g (with cable) / (L) 26 x (W) 7 x (H) 16cm

10. Installation Manual

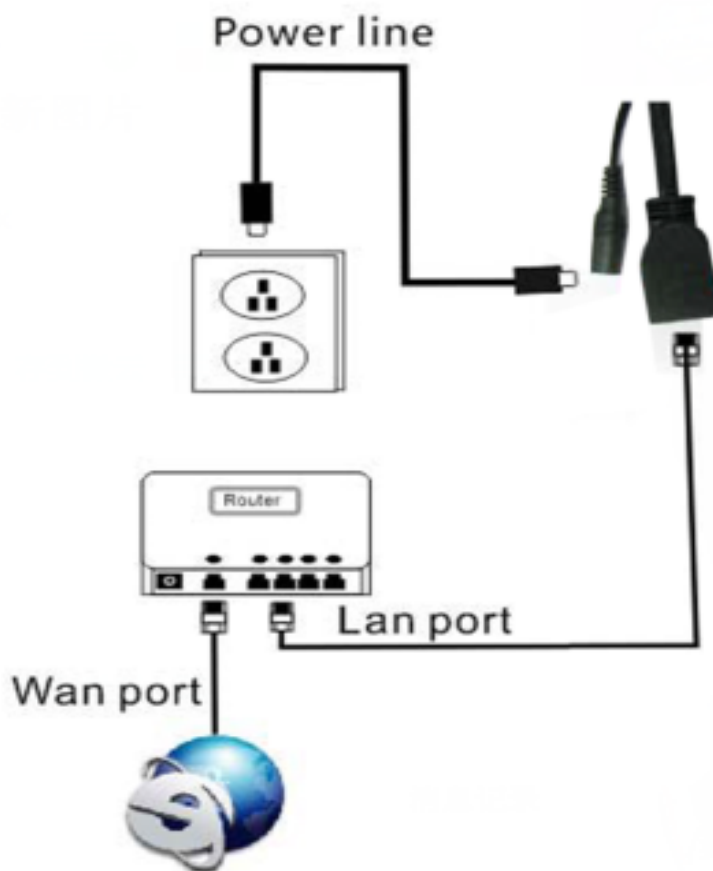
for Android / IOS Smartphone

Install IP Camera → Install Mobile Phone App
Technaxx **My Secure** Software → Register an
account → Add cameras under this account

IP Network Camera Installation Procedure

First plug in the power cable to the IP camera. Then connect the LAN
cable with the camera and the router (see picture below).

***ATTENTION: DHCP service must be enabled
in the router!***



(1) Before installation, make sure your phone is using 3G or WIFI

(2) Install software: Search and Install “My Secure”
in Apple APP store and Google play store.

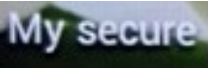


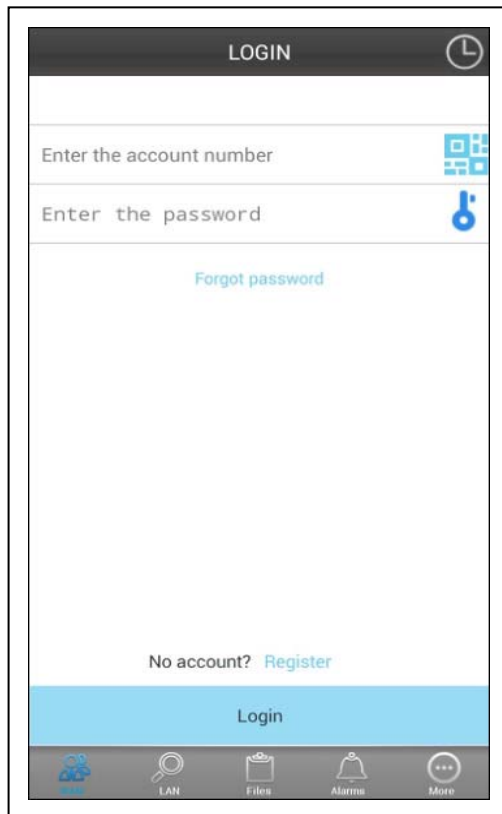
(3) Click the APP icon to run the mobile APP



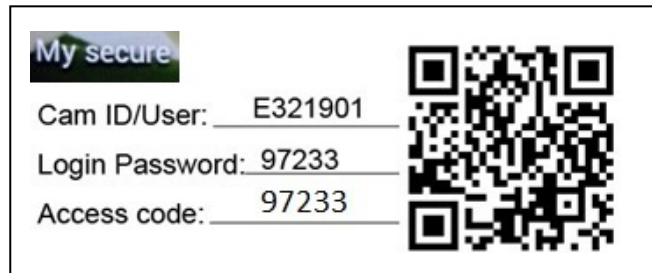
(4) Input the camera ID and password to Login camera

The **My Secure** icon (see below) you can find on the LOGIN screen right hand side (see the picture of the LOGIN screen). Also support click this icon to scan QR-code to auto input ID and password. Then check the camera label and input ID and password on the APP

	
Cam ID/User:	<u>E321901</u>
Login Password:	<u>97233</u>
Access code:	<u>97233</u>
	

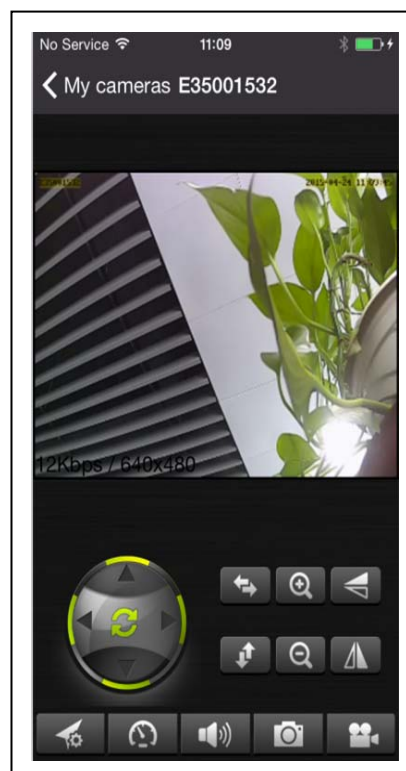
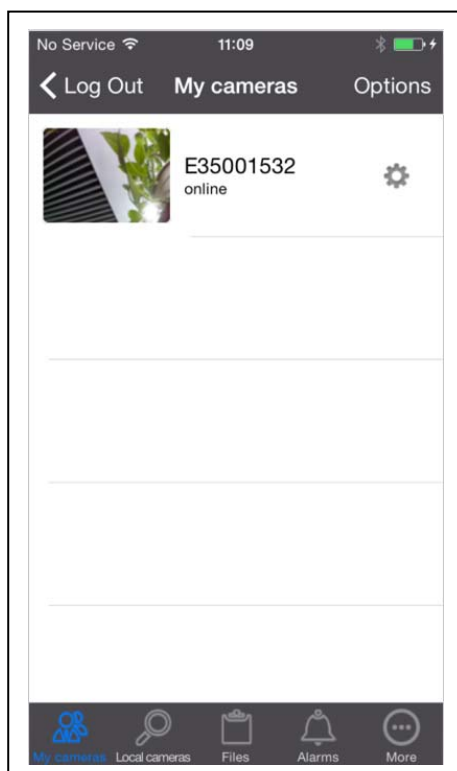


← My Secure icon

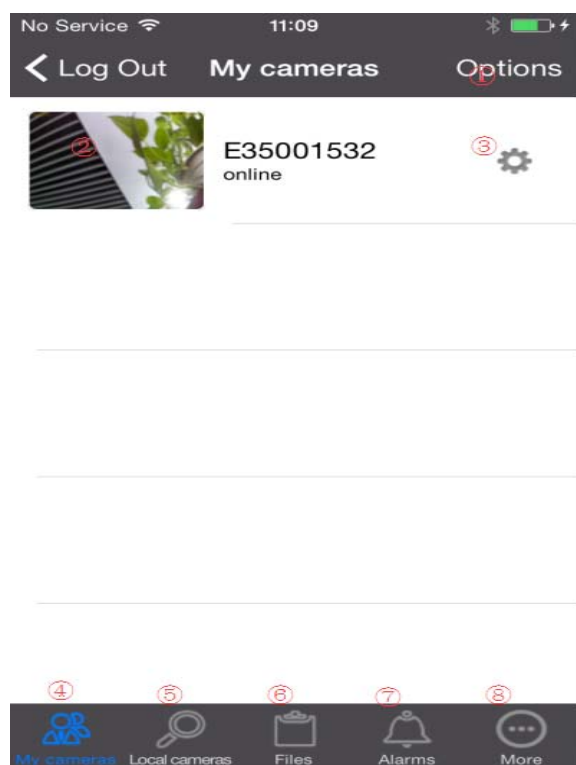


(5) Login account. (If no accounts yet, go to register an account first and type in User name and Password). Under this account you can add Security CAM's (go to point 10)

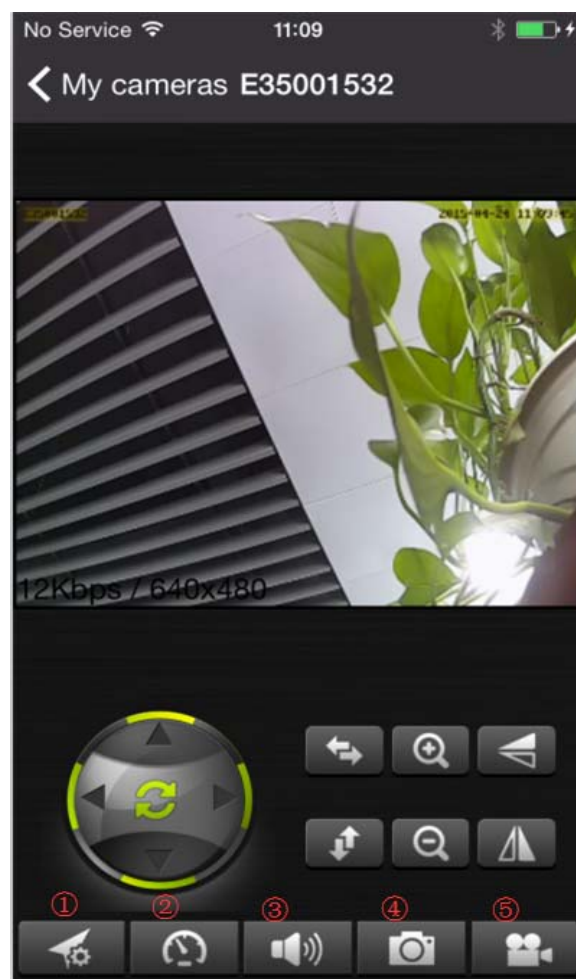
(6) After successful login, click on a camera to start monitoring.



(7) Press at the “**OPTIONS**” symbol to add a camera



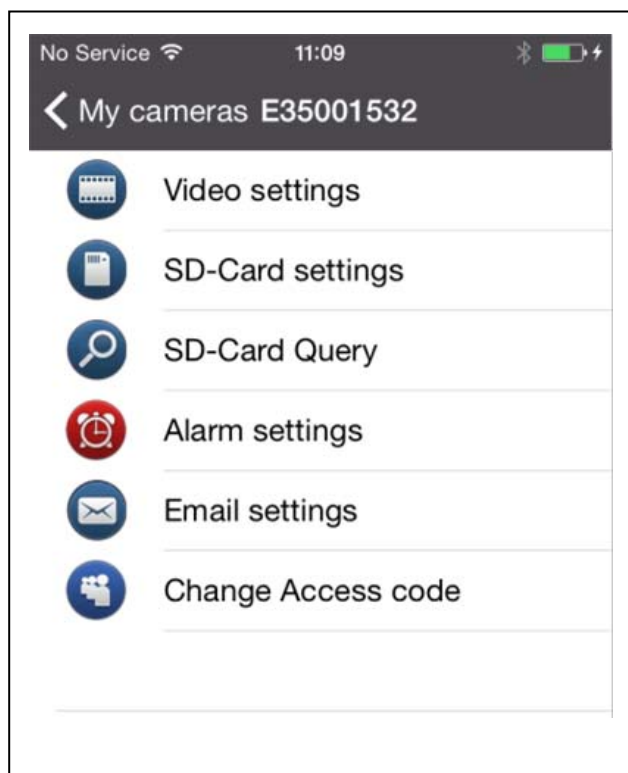
1. Add other camera
2. Play camera video
3. Config camera
4. Camera list in WAN
5. Camera list in LAN
6. Video playback
7. Alarm events



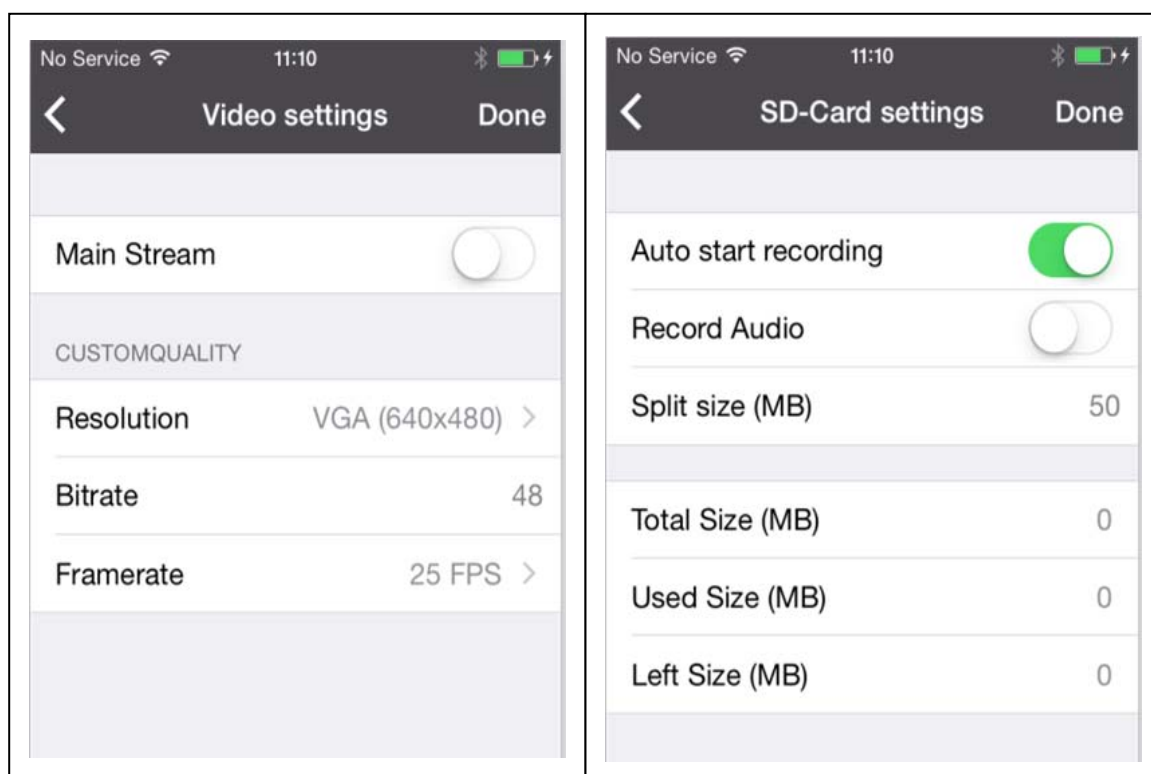
1. Select video resolution
 2. “PRESET” operation
 3. Audio talk
- (Attention: this menu functions are only for the TX-23 camera!)**
4. Snap Picture
 5. Video record

(8) Setting Camera under sub menu WAN

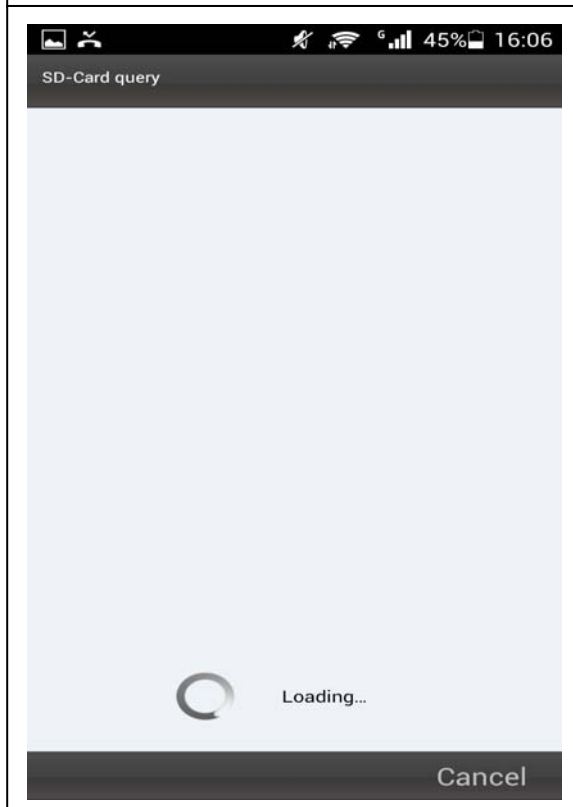
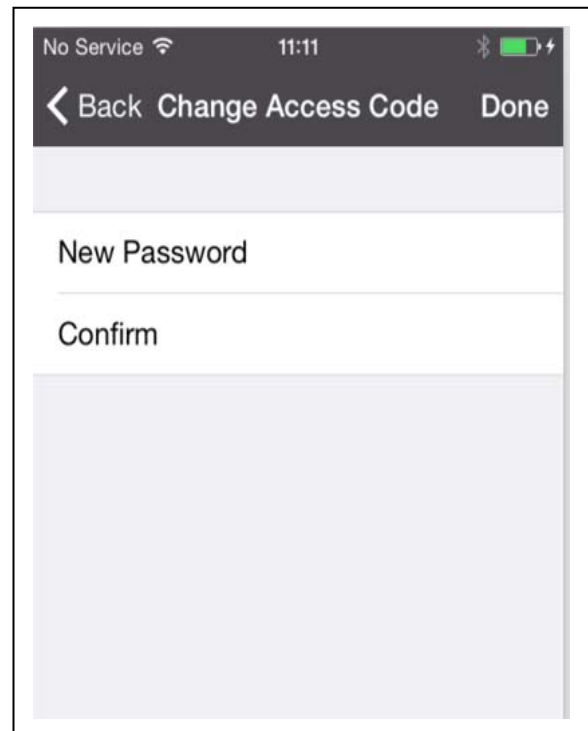
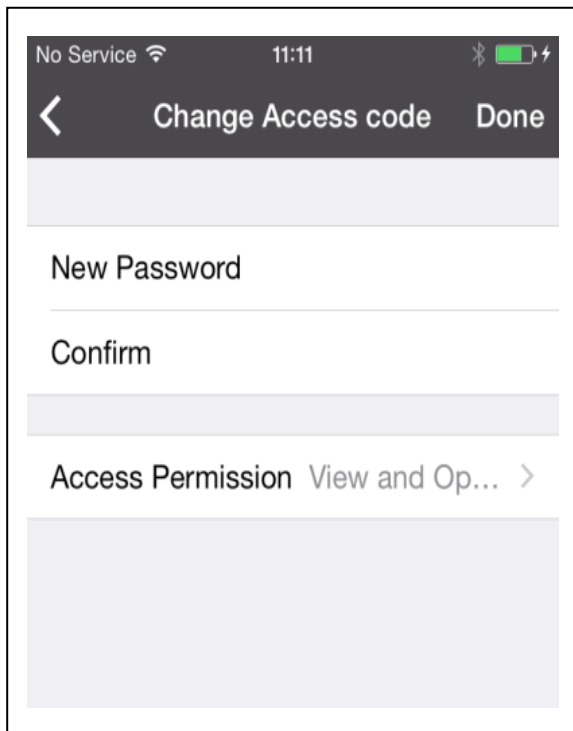
Set video quality parameters and SD card, by clicking the sign.



ATTENTION: The configuration of the cameras is only under “Online” status possible!

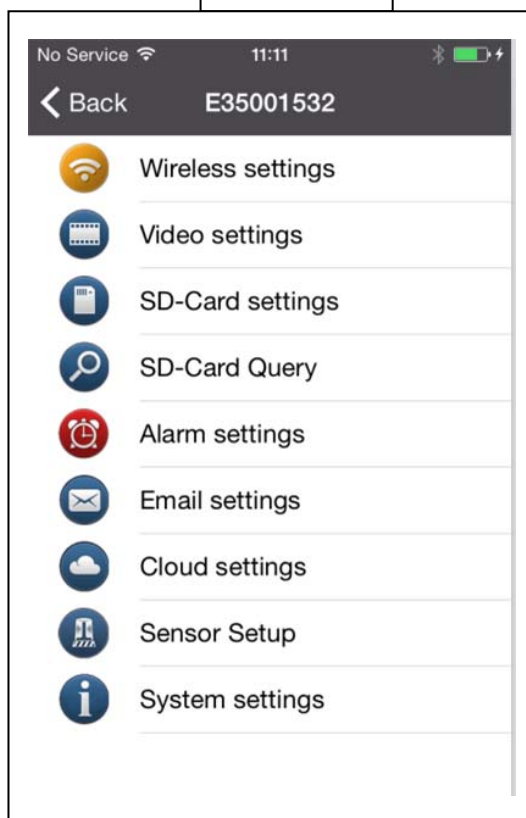
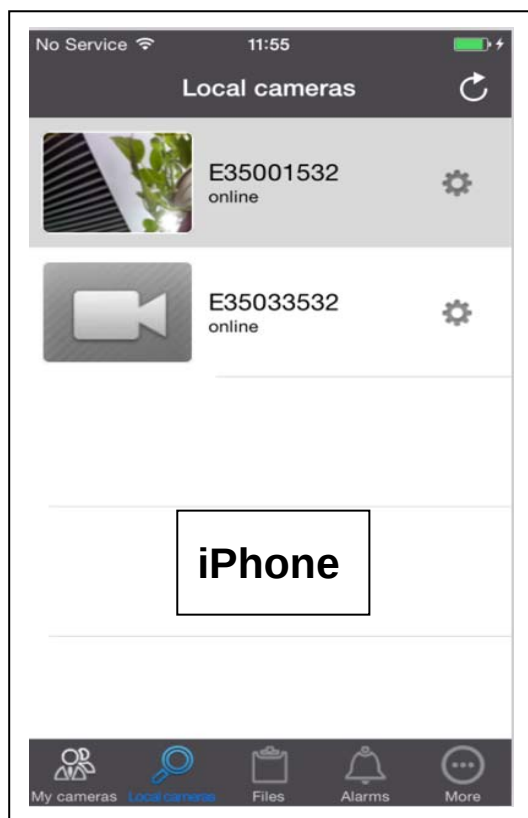


- Automatic recording starts when enough disc space on the MicroSD card exists (**Attention: only for the TX-24 camera!**).
- Video partition size can be defined how much MB for each stream.
- Video settings: Select between sub-stream & main-stream.
- Quality: select the quality of the video (low, normal, high, good, super
- Set for Resolution, Frame rate & Stream accordingly.

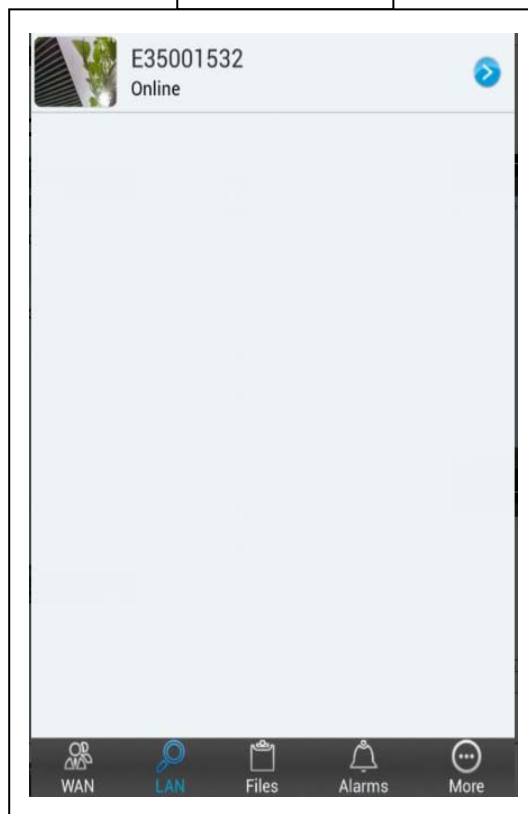


(9) Setting Camera under sub menu LAN

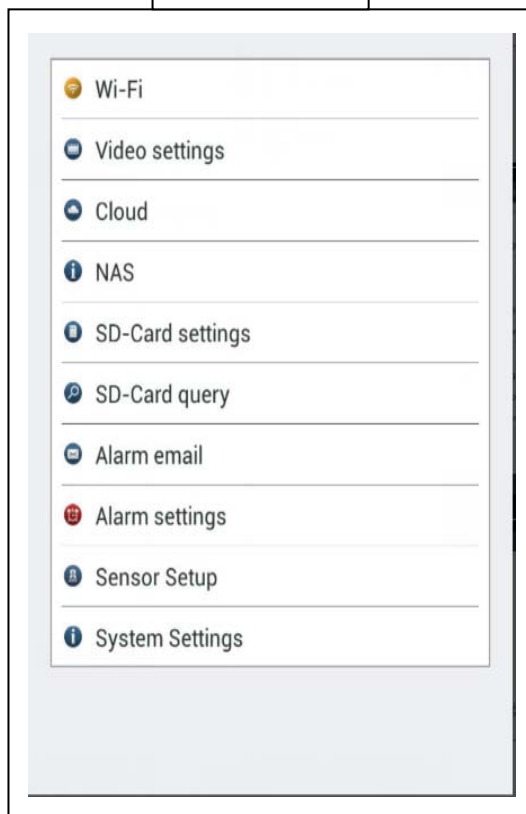
iPhone



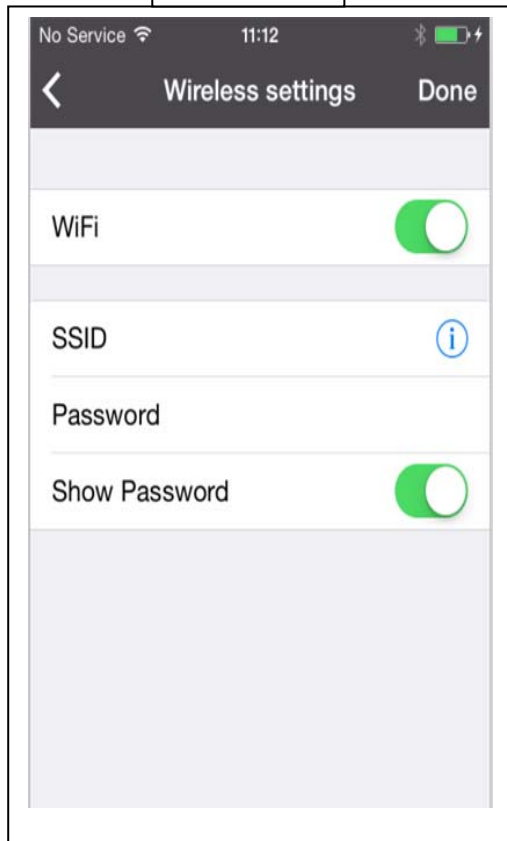
Android



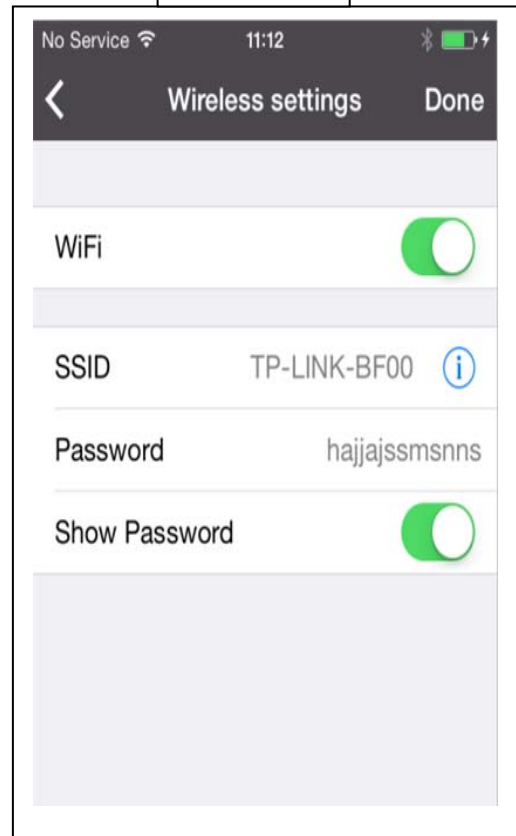
Android



iPhone



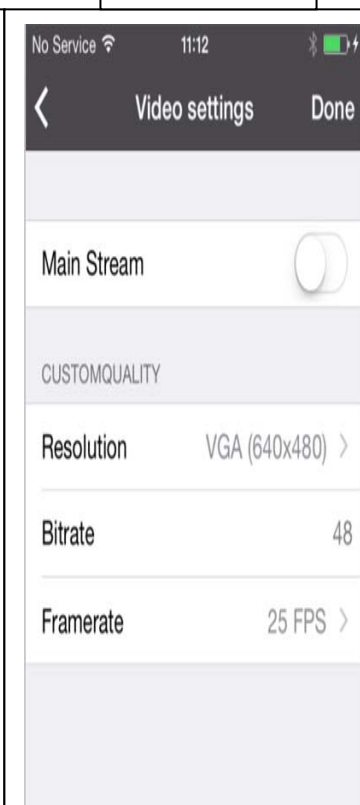
iPhone



Android



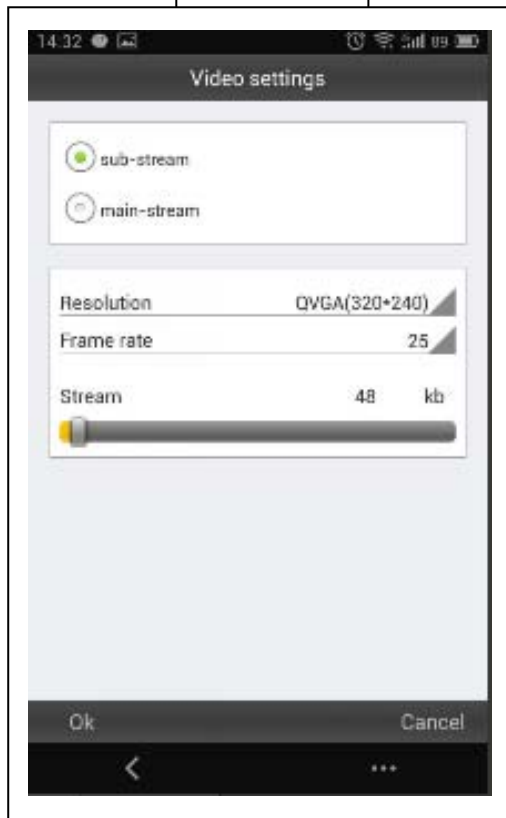
Android



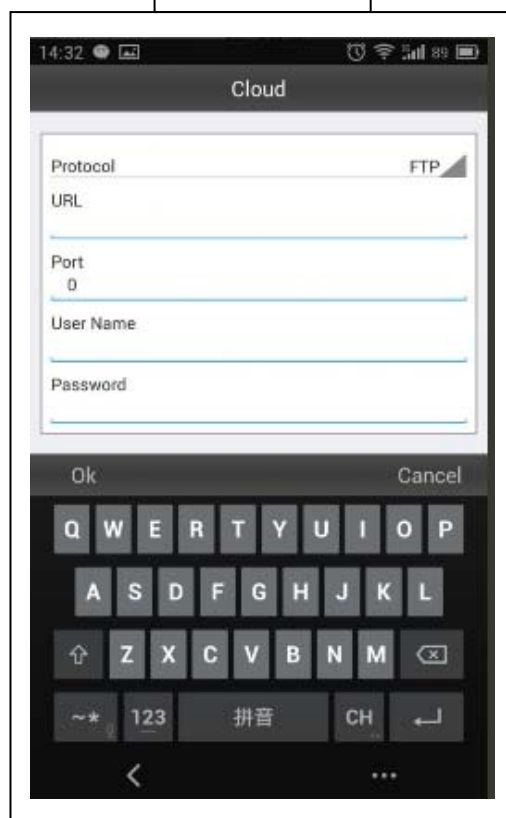
Android



iPhone



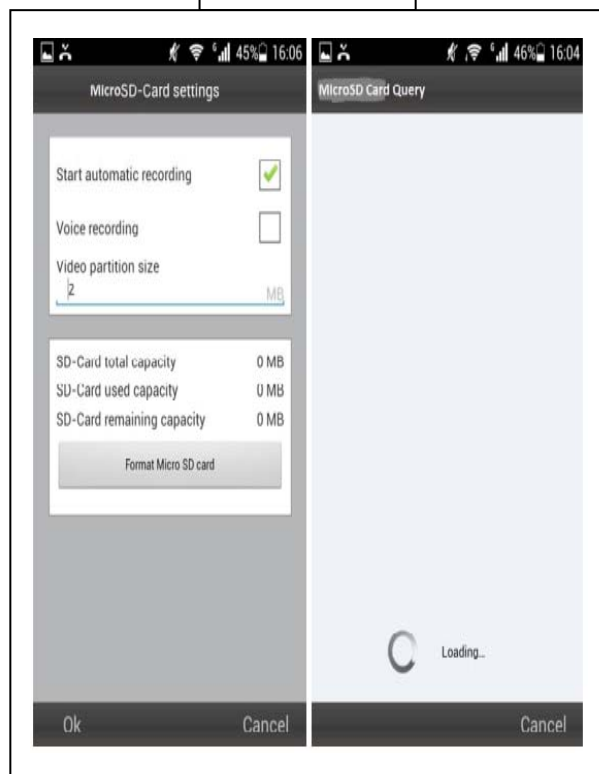
Android



iPhone



Android



iPhone

No Service 11:13

< Email settings Done

Receiver E-mail 2200824908@qq.com

Sender E-mail 2200824908@qq.com

SMTP Server smtp.qq.com ⓘ

SMTP Port 25

Data Encryption NO_SECURITY >

SMTP User 2200824908@qq.com

SMTP Password

Check Email Address

Android

No Service 11:13

< Alarm settings Done

Motion Detection ☐

Alarm sensitivity Low >

Audio Alarm Detection ☐

Audio Alarm Sensitivity High (60... >

PIR ☐

SD-Card Alarm Record ☐

Alarm pictures 0 >

Android

E-Mail

Receiver E-mail @

Sender E-mail @

SMTP Server

Encryption No

SMTP port 25

SMTP User

SMTP Password

Send a test email

Ok Cancel

Alarm settings

Motion detection ☒

Alarm sensitivity Normal

Sound Detection ☐

Sound Sensitivity Closed

PIR ☐

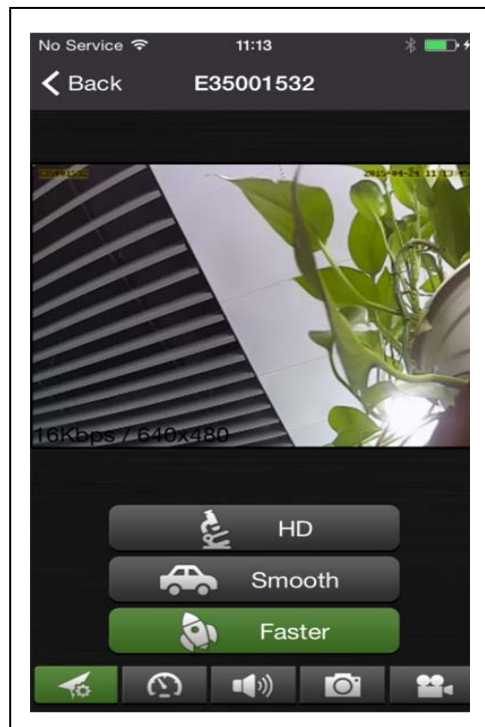
Sdcard Record ☐

Alarm pictures 3

Ok Cancel

You can select to enable or disable motion detection & select the sensitivity (high, medium, low).

After the connection to the camera is established, you see at the bottom of the Display the following symbol:



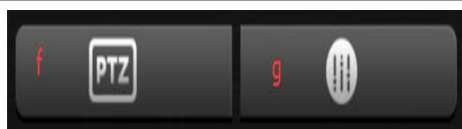
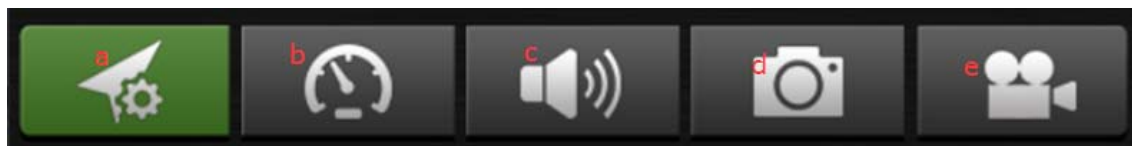
Press the button **a** then you find the following picture you can select video resolution:

HD = 1300 kbps

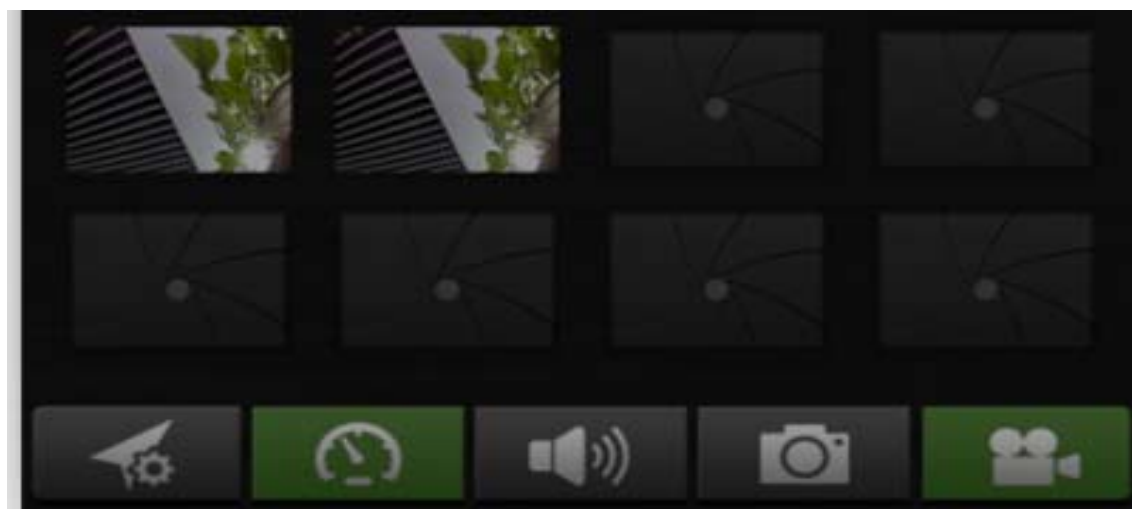
Smooth = 800kbps

Faster = 400 kbps

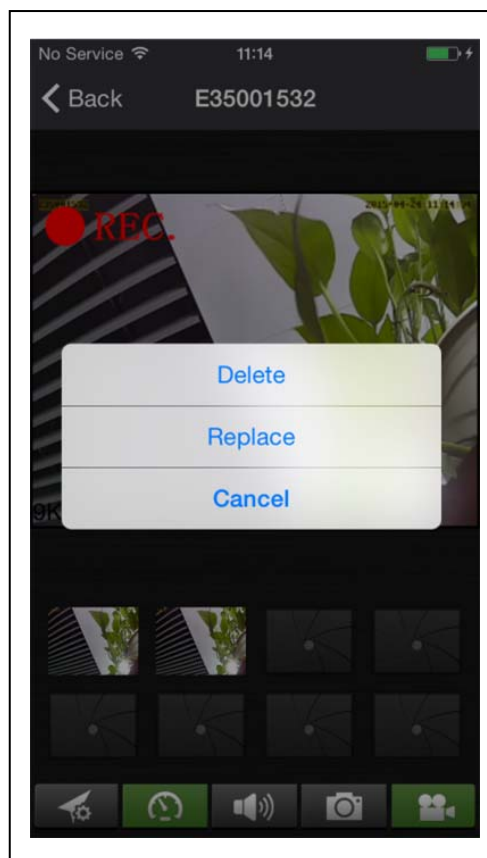
When you press the button **b**, you can take a picture directly from the camera.



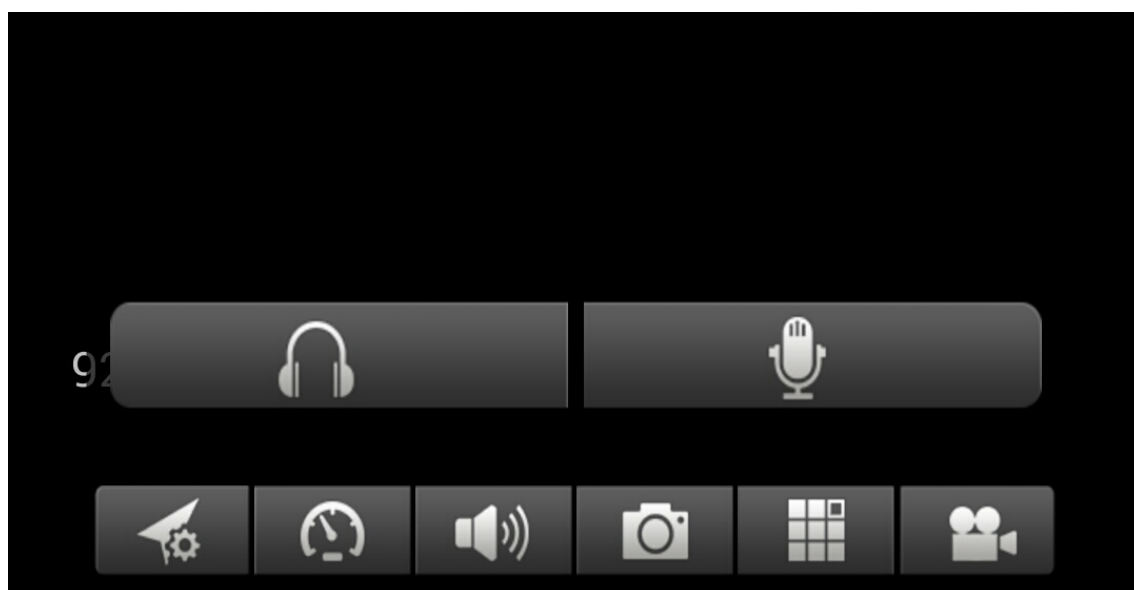
Button Description



To delete or replace a picture, simply press and hold at each picture and select.



Press the button  to hear over headphone or to speak through **microphone**. Connect your headphone to your Smartphone or press on the microphone to speak. **(Attention: only for the TX-23 camera!)**.



Press the button **d** to take a picture one by one.

Press the button **e** to start to start recording a video.



Press the button **f** to adjust or change the direction of the camera. (Attention: only for the TX-23 camera!).



You can also move the direction of the camera by pressing & holding the menu for each direction.



Press ❶ to move the camera from left to right.

Press ❷ to move the camera up or down.

Press ❸ to invert the camera horizontally.

Press ❹ to invert the camera vertically.

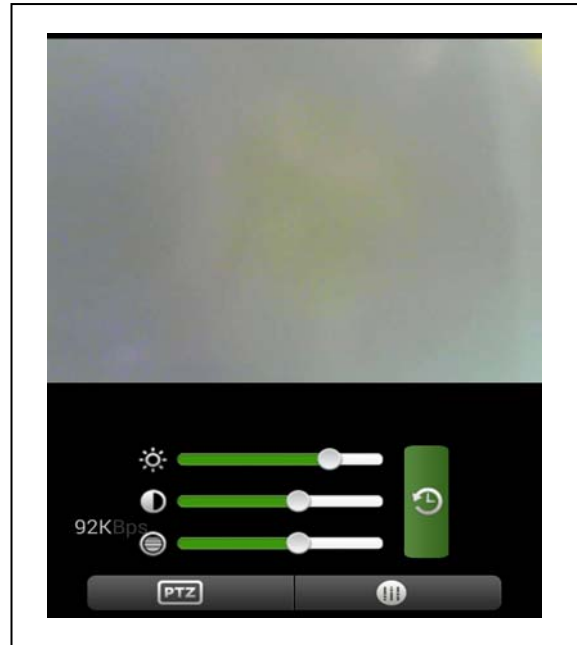


Press the button  to adjust the colour of the camera.

Hold and move to the right or left to change brightness.

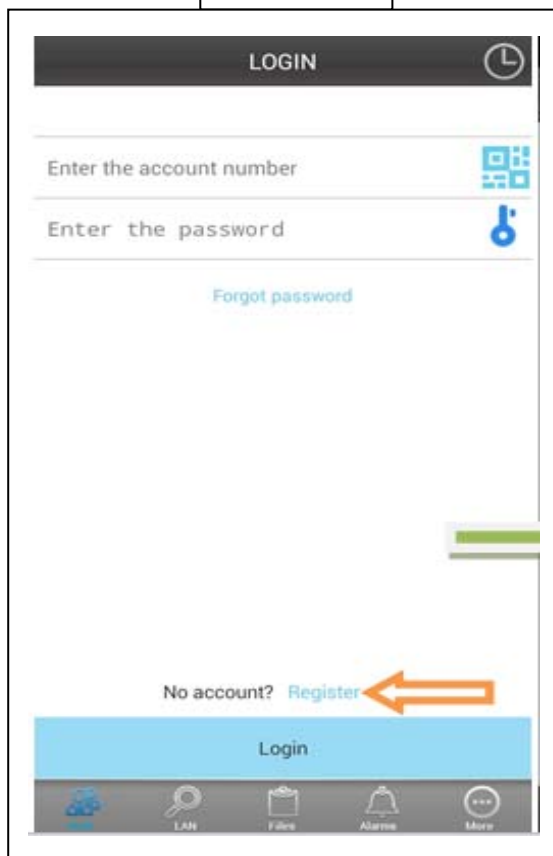
Hold and move to the left or right to change the contrast of the picture.

Hold and move to the left or right to change the color of the picture.

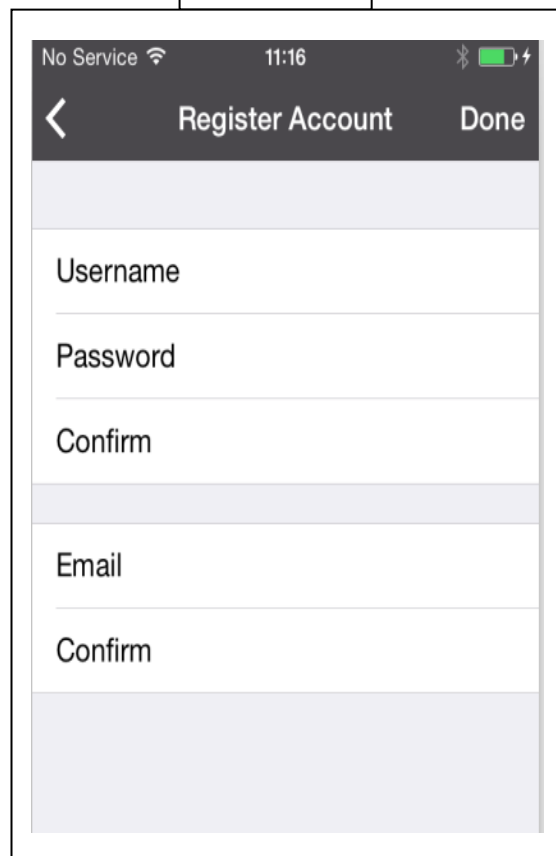


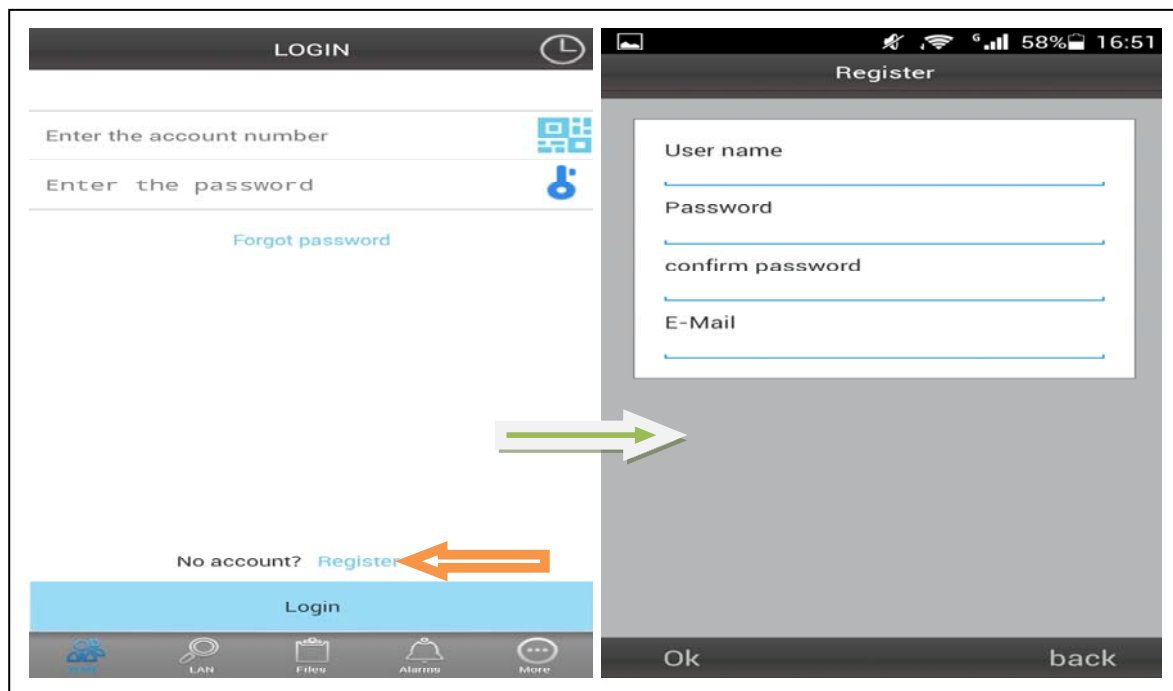
(10) Register account (if successfully being registered, jump back to Step No. 3): Press “Register” first. Then fill in information, then click “OK” to complete it.

iPhone



iPhone





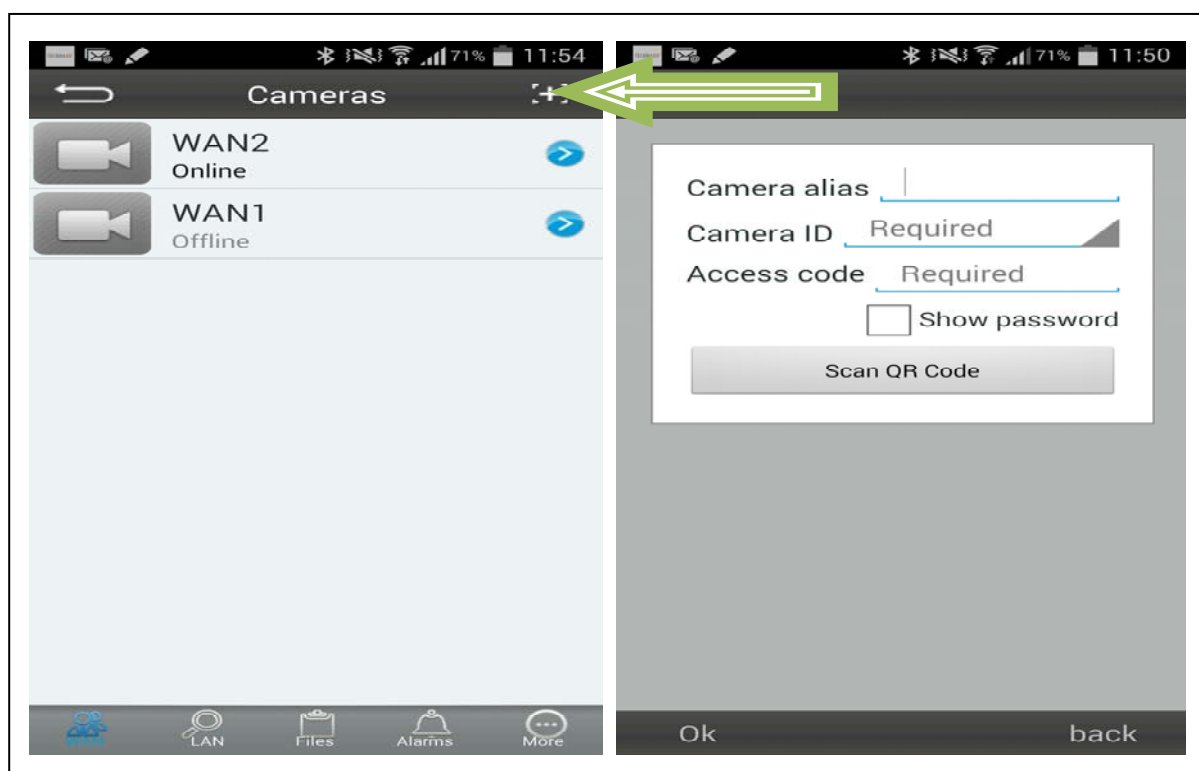
(11) Add cameras under account (if successfully being added, jump back to step No. 4): Login first. Then click “+”

Click “Add Device” or Scan to add a device automatically (**QR Code**)

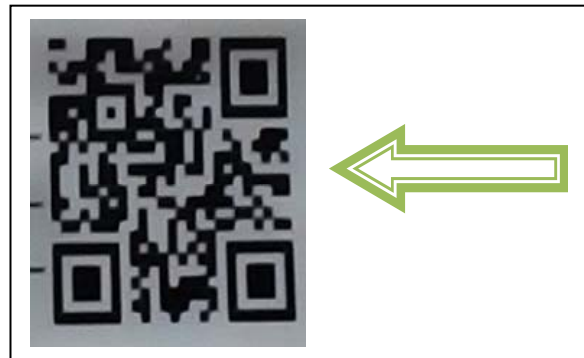
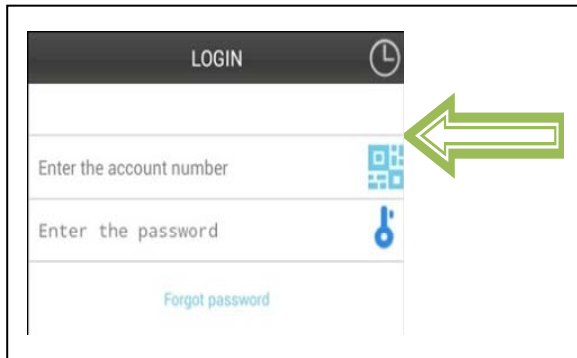
Camera Alias = here you can give a name which you like.

Camera ID = find this ID under your Camera written with QR Code.

Access code = find this code under your Camera.



Focus the smart phone camera directly at the QR Code of the security cam.



Fill in camera information

“Device Alias” – give a name to this camera

“Device ID” – at bottom of each camera, there is a label with QR Code

“Access Pass.”

Click **“Done”**
to add it



At the end:

If successfully being added,

the new camera will be in the list.

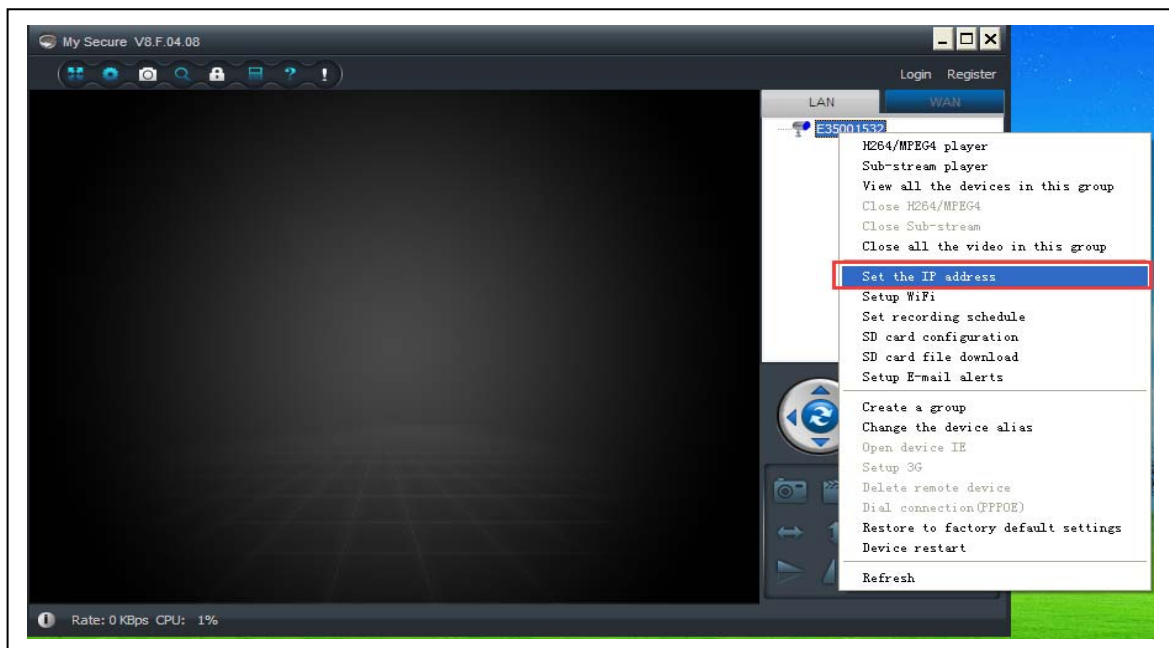


11. Browser function operation

11.1. IE (Internet Explorer)

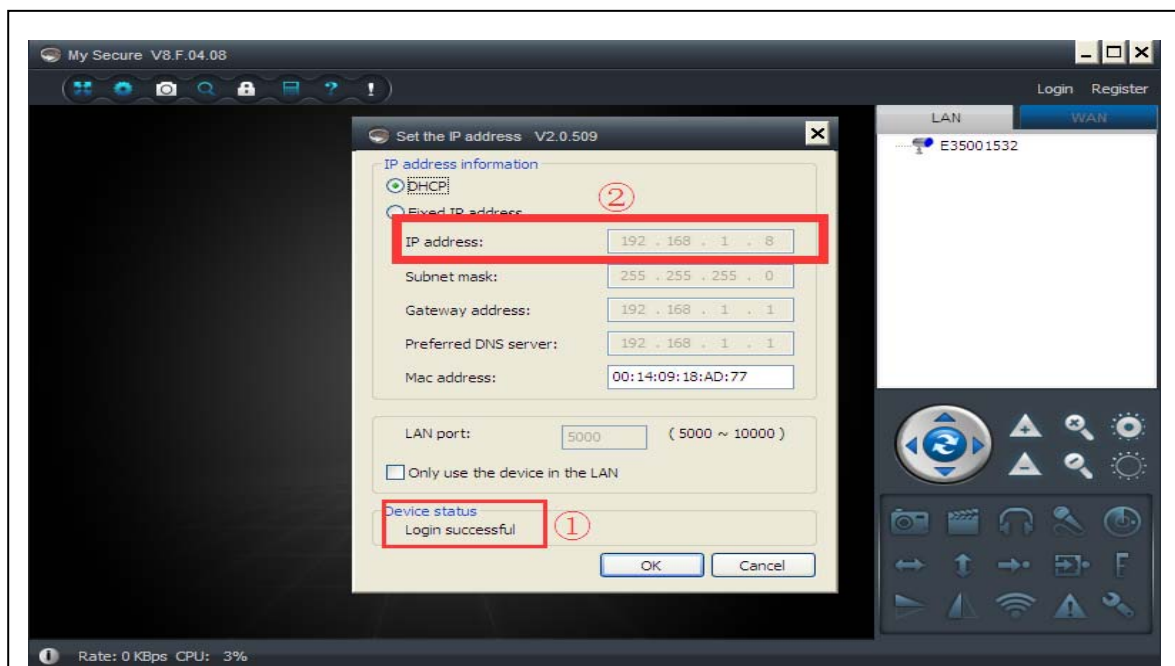
(1) Log on IE browser (IE = internet explorer)

(1.1.) Get cameras on My Secure IP camera: (a) Click on right mouse button to choose the device ID number and “Set the IP address”

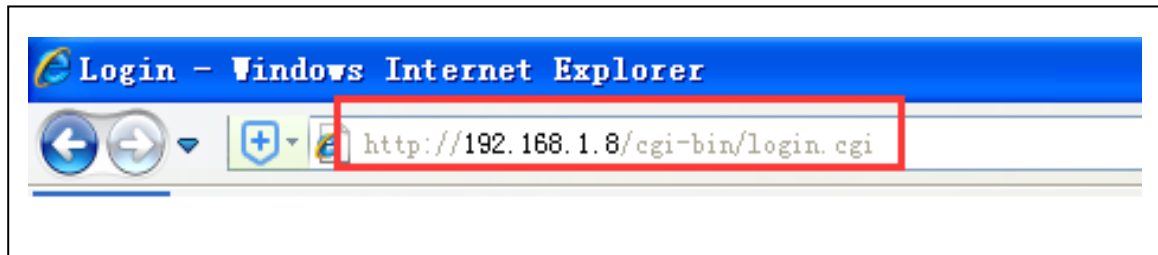


(b) Check the Log in status of network camera: Login successful

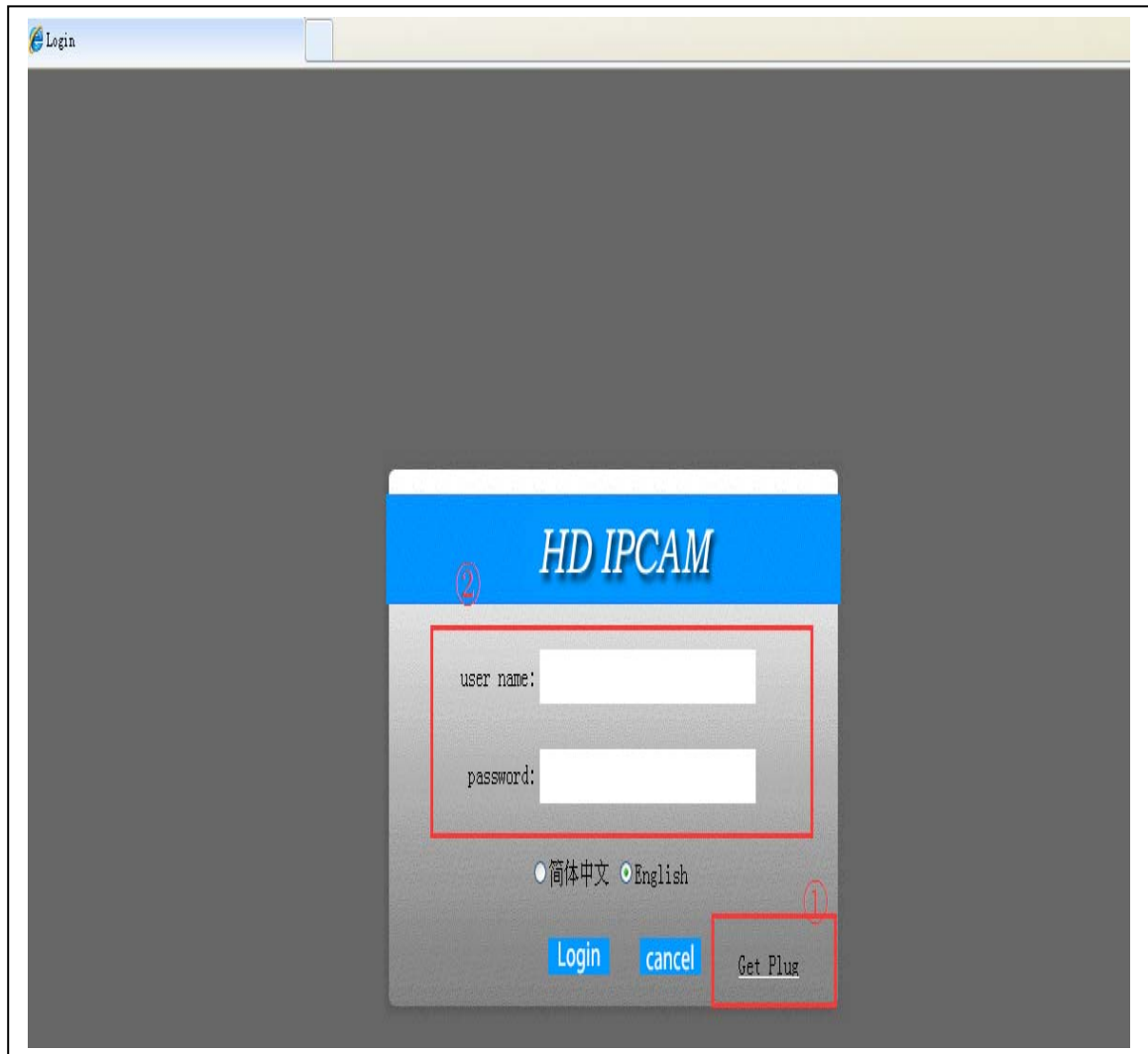
(c) Check the IP address of network camera



(1.2.) Enter the IP address in the IE



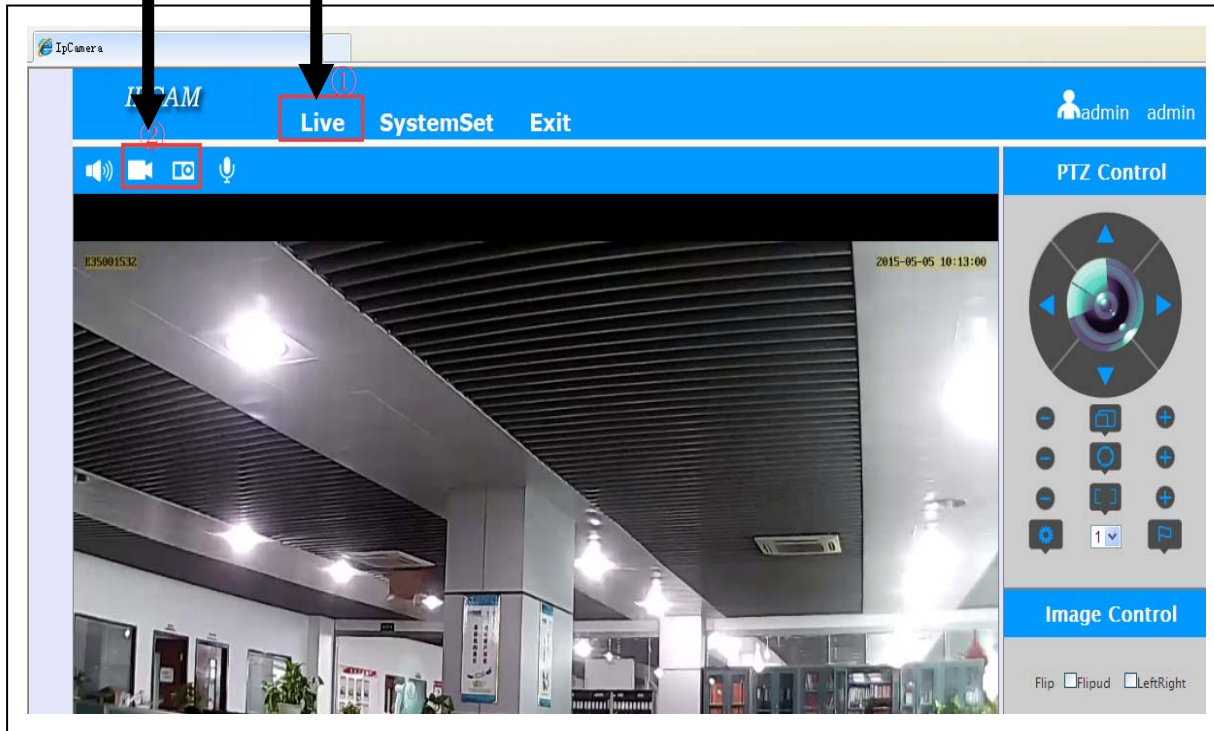
(1.3.) You will enter the login screen



① First, click on “Get Plug” to download the plug-in. Second, install the plug. Close the IE and open the browser again. Third, re-enter the IP address of the camera in the IE. Login will pop up again. ② Enter USER NAME “**admin**” and PASSWORD “**admin**”. Accept with the Login button. The following picture will be shown.

Manual Recording and Capture

Live

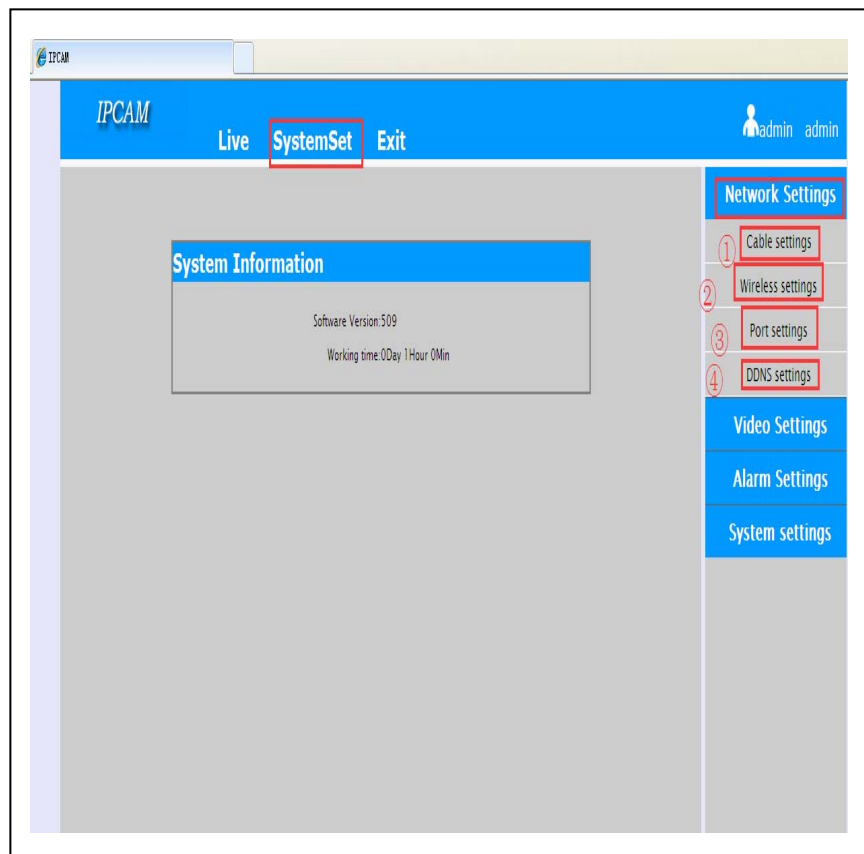


(2) SYSTEM SET

(2.1.) NETWORK

settings

- ① Cable settings
(IP settings)
- ② Wireless settings
(Router settings)
- ③ Port settings
- ④ DDNS settings



First, select System Set – Network Setting – DDNS, select **www.dyndns.org** in server, enter in to Domain, User name and password, select “submit”, then a dialogue will be popped up to notice you setting success.

② **Wireless setting (Router setting):** Enter into router, Advanced Options – Port Mapping

Port mapping

Help

List of rules

External port	Internal IP	Internal port	Note	Status	Edit	Del
8080	192.168.1.15	8080	DDNS			
4001	192.168.1.15	4001	DDNS			

12 items in total << < 1 2 > >>

Delete all Add new

Advanced options

Port mapping

- Static routing
- Source addr routing
- Application scheduling
- Address Translation
- Domain forwarding
- Dynamic domain
- UPnP settings
- Plug and play
- SNMP Client

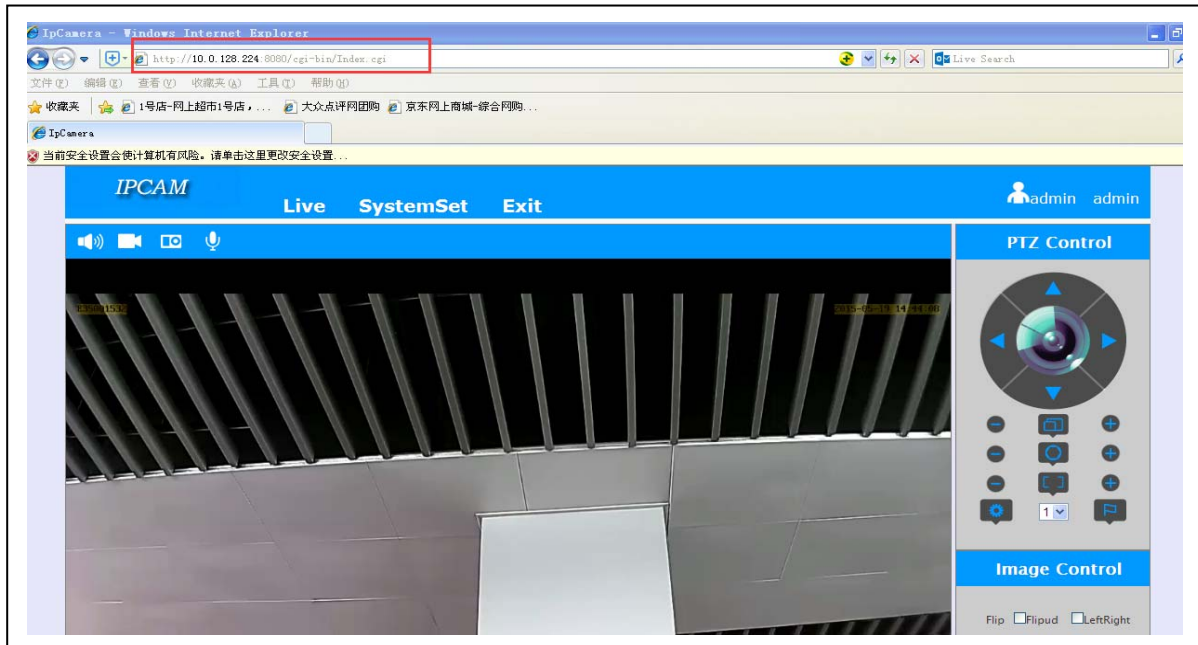
- ③ **Port setting:** Modify HTTP port (NOTE: Range from 80-65535 and avoid same Port address of other devices!)

The screenshot shows the IPCAM web interface. At the top, there is a blue header bar with the text "IPCAM" on the left and "Live SystemSet Exit" in the center. On the right side of the header, there is a user icon and the text "admin admin". Below the header, there is a sidebar on the right with a list of settings: "Network Settings", "Cable settings", "Wireless settings", "Port settings" (highlighted with a red box), "DDNS settings", "Video Settings", "Alarm Settings", and "System settings". The main content area displays the "Port Config" settings. It includes four input fields: "HTTP port: 8080", "TCP port: 4001", "RTSP port: 8554", and "ONVIF port: 8000". Below these fields is a "Submit" button. The "Port Config" section is highlighted with a red box.

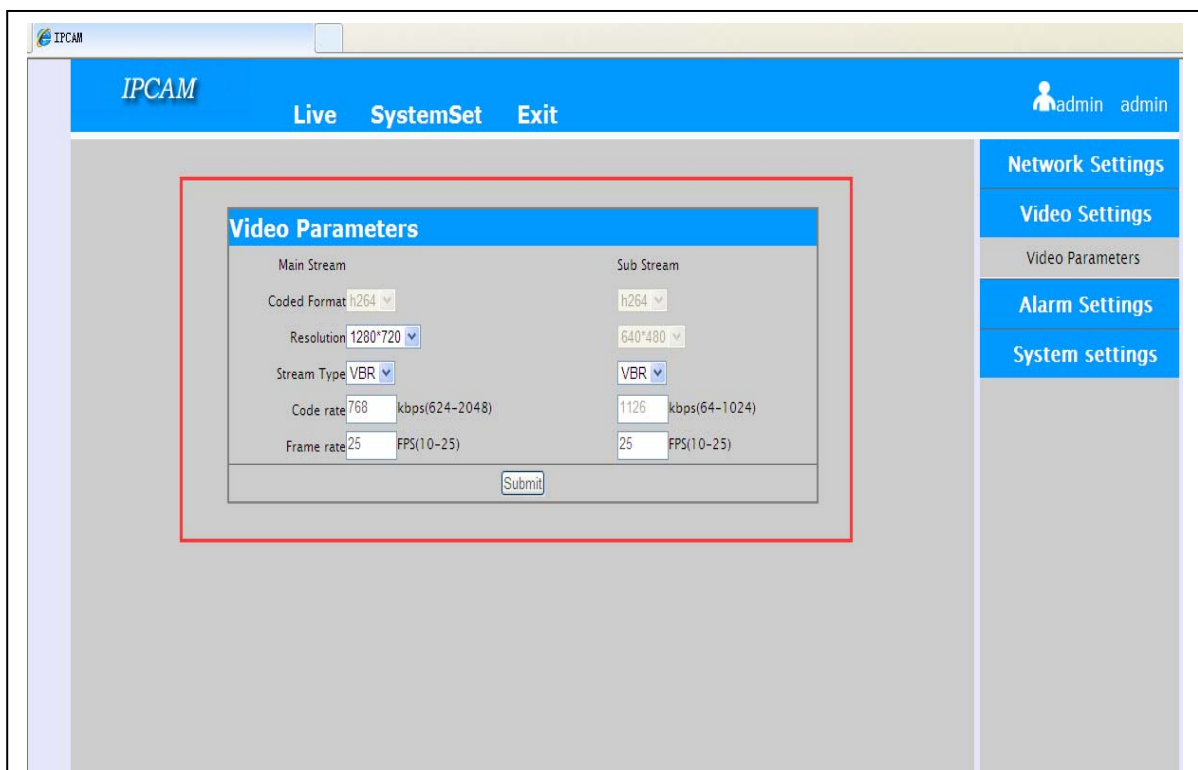
- ④ **DDNS setting:** (NOTE: the below step is based on TP-LINK, Model number: TL-WR842N; the DDNS setting can vary, depending on the router, you use).

The screenshot shows the IPCAM web interface. At the top, there is a blue header bar with the text "IPCAM" on the left and "Live SystemSet Exit" in the center. On the right side of the header, there is a user icon and the text "admin admin". Below the header, there is a sidebar on the right with a list of settings: "Network Settings", "Cable settings", "Wireless settings", "Port settings", "DDNS settings" (highlighted with a red box), "Video Settings", "Alarm Settings", and "System settings". The main content area displays the "DDNS" settings. It includes a "DDNS Enable" checkbox which is checked. Below it, there is a "Server" dropdown menu set to "www.dyndns.com", an "Update interval" dropdown menu set to "Every 30 min", a "Domain name" input field with "csstipcam.dyndns.org", a "User name" input field with "csstsuper", and a "Password" input field with masked characters. Below these fields is a "Submit" button. A tip at the bottom states: "Tip: External network access requires the HTTP port and TCP port both mapping." The "DDNS" section is highlighted with a red box.

Remotely view: Use the IP address of your camera and the Port address of your network. Enter into Public IP address and port (see below picture for example).



(2.2.) VIDEO settings



(2.3.) ALARM settings: ① Motion Detection

The screenshot shows the IPCAM web interface. At the top, there is a blue header bar with the IPCAM logo on the left, navigation links 'Live', 'SystemSet', and 'Exit' in the center, and a user profile 'admin admin' on the right. A sidebar on the right contains a list of settings categories: 'Network Settings', 'Video Settings', 'Alarm Settings', 'Motion Detection' (highlighted with a red box), 'Mail settings', and 'System settings'. The main content area displays the 'Motion Detection' settings, which include a 'Sensitivity' dropdown menu set to 'close' and a 'Submit' button.

IPCAM

Live SystemSet Exit

admin admin

Network Settings

Video Settings

Alarm Settings

Motion Detection

Mail settings

System settings

Motion Detection

Sensitivity: close

Submit

② Mail Settings

The screenshot shows the IPCAM web interface with the 'E-mail alerts' settings page. The layout is consistent with the previous screenshot. The sidebar on the right shows 'Mail settings' highlighted with a red box. The main content area displays the 'E-mail alerts' settings, which include fields for 'Sender E-mail' (2200824908@qq.com), 'SMTP Password' (masked with dots), 'SMTP Server' (smtp.qq.com), 'SMTP Port' (25), 'Receiver E-mail' (2200824908@qq.com), 'Alarm pictures' (0), and 'Data encryption' (NO_SECURITY). A 'Submit' button is located at the bottom of the form.

IPCAM

Live SystemSet Exit

admin admin

Network Settings

Video Settings

Alarm Settings

Motion Detection

Mail settings

System settings

E-mail alerts

E-mail alerts

Sender E-mail: 2200824908@qq.com

SMTP Password:

SMTP Server: smtp.qq.com

SMTP Port: 25

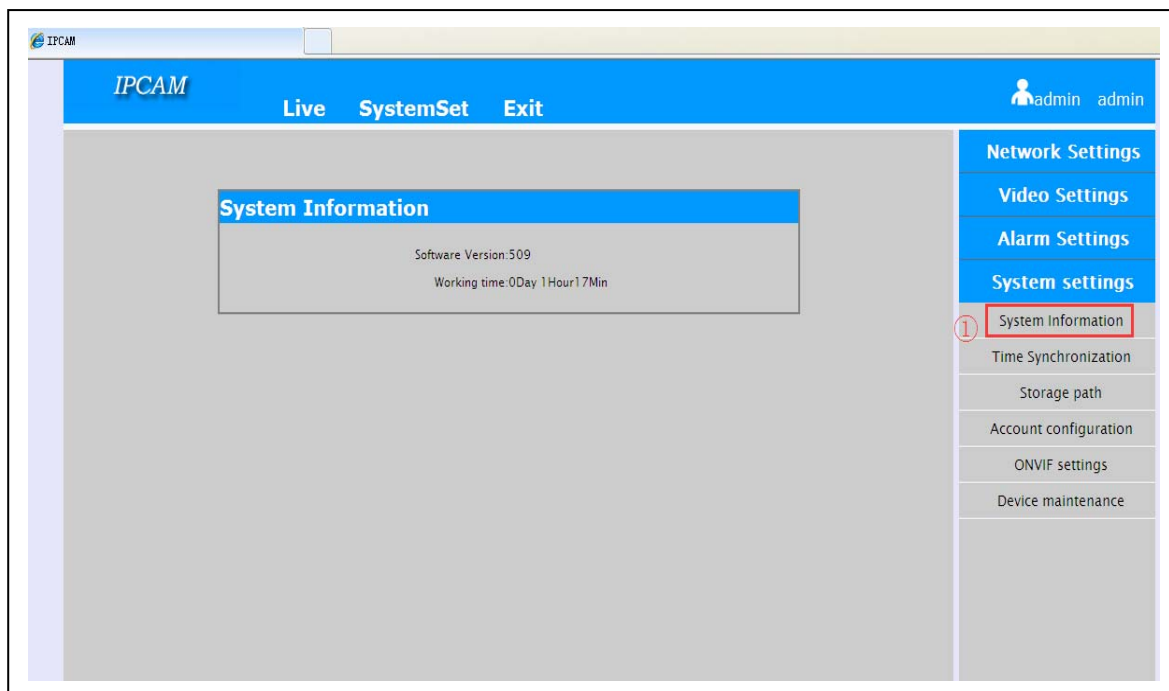
Receiver E-mail: 2200824908@qq.com

Alarm pictures: 0

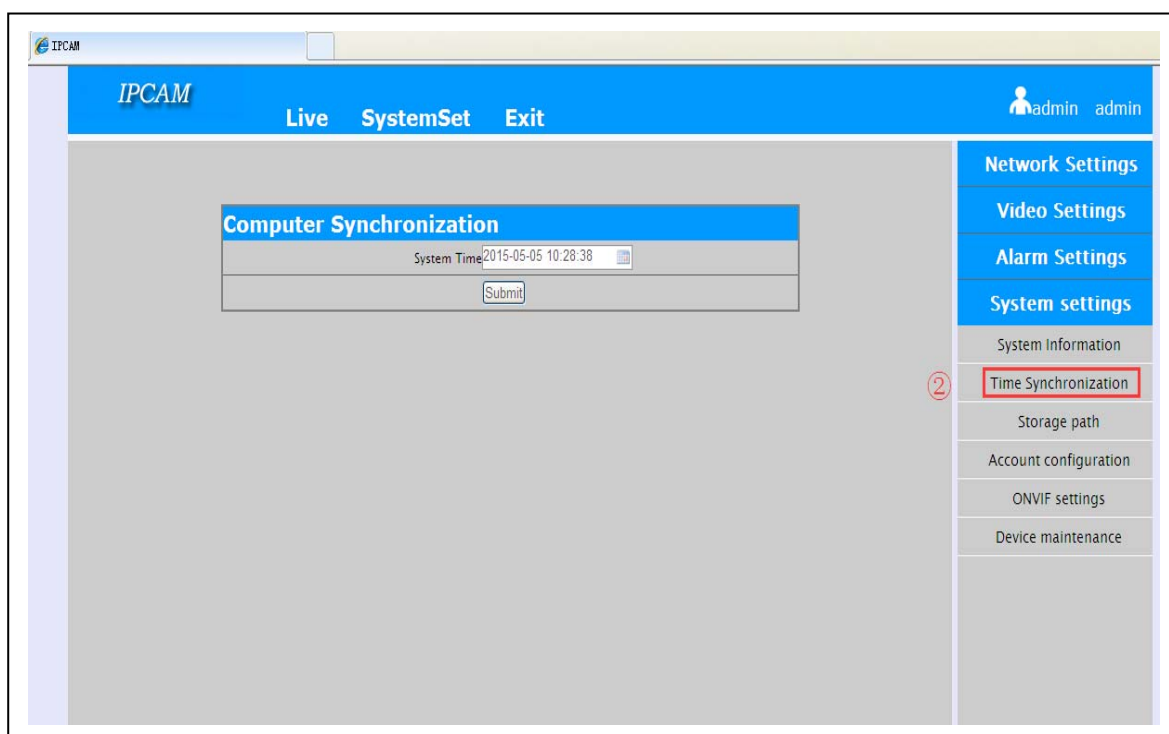
Data encryption: NO_SECURITY

Submit

(2.4.) SYSTEM settings: ① System Information



② Time Settings



③ Storage Path

IPCAM

Live SystemSet Exit

admin admin

Network Settings

Video Settings

Alarm Settings

System settings

System Information

Time Synchronization

③ Storage path

Account configuration

ONVIF settings

Device maintenance

Storage path

Capture Path Path Save

Record Path Path Save

Capture Format

④ Account Configuration

IPCAM

Live SystemSet Exit

admin admin

Network Settings

Video Settings

Alarm Settings

System settings

System Information

Time Synchronization

Storage path

④ Account configuration

ONVIF settings

Device maintenance

Account configuration

User Name

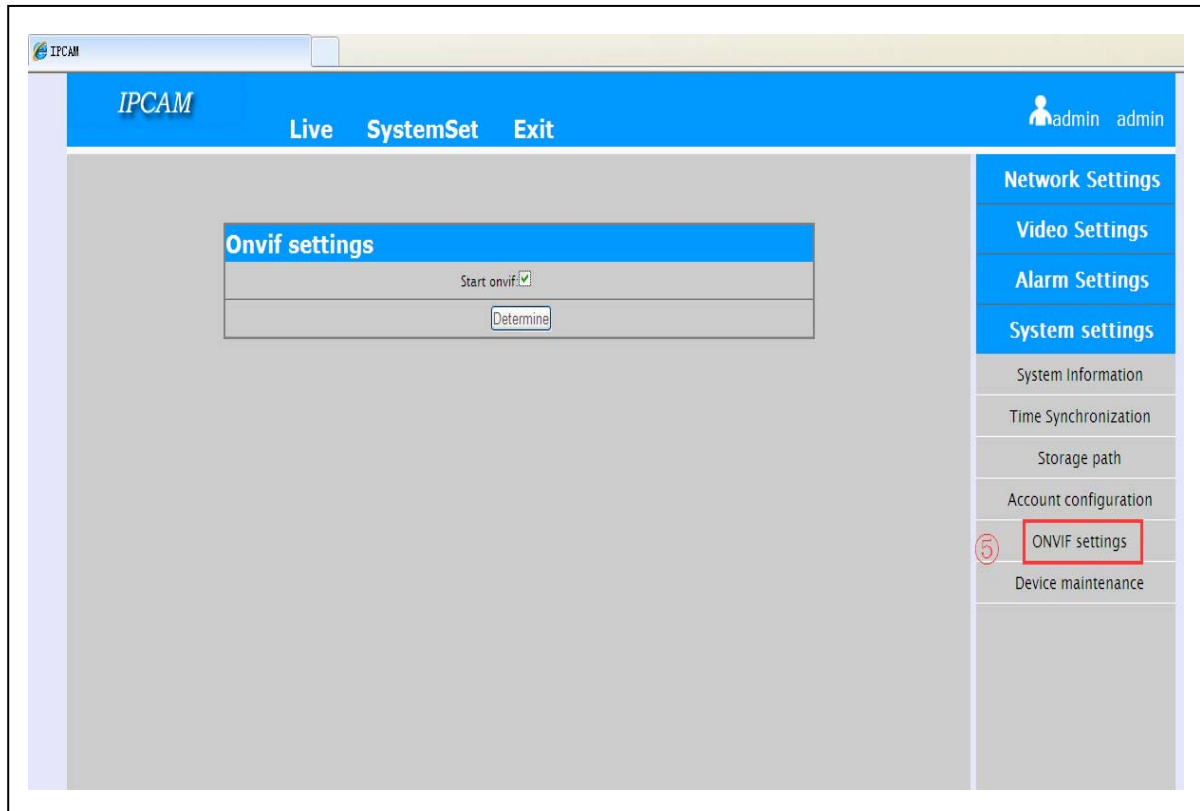
User Password

Server Name

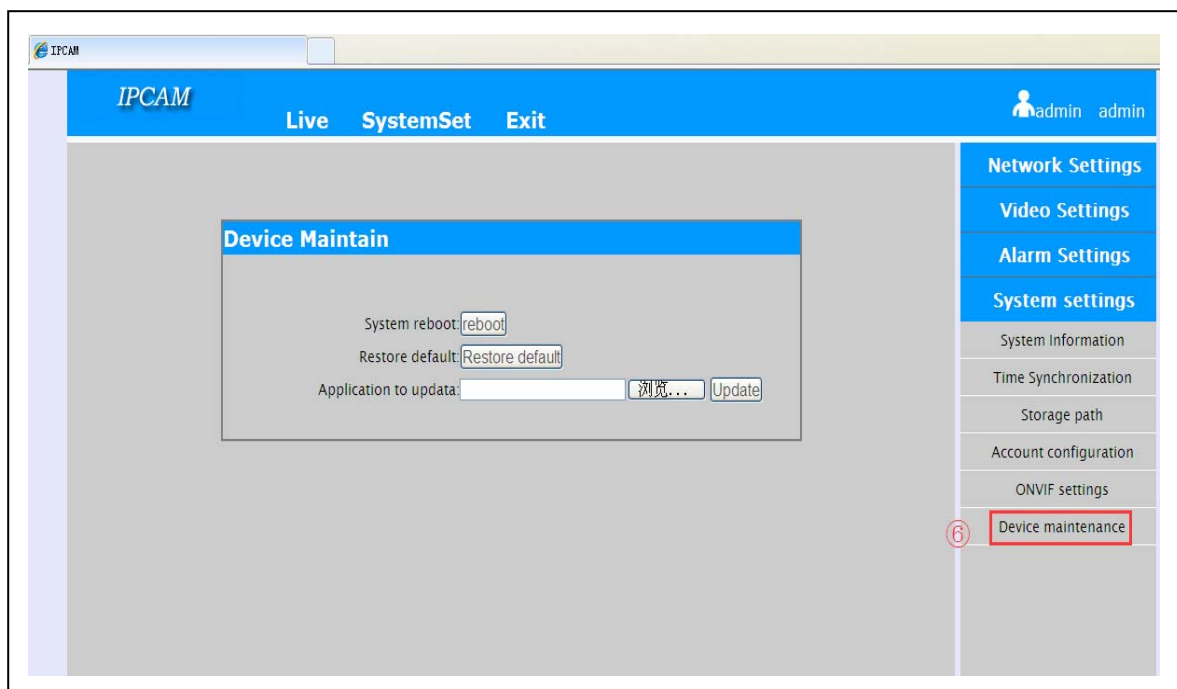
Submit

⑤ ONVIF Settings (to register Non-Technaxx products)

(NOTE: if you enable ONVIF protocol, the camera will restart automatically)



⑥ Device Maintain (you can choose to restart or reset the camera)



11.2. FIREFOX

Firefox browser with version 36.0 to run web activex, see operation steps as following:

(a) Install plug-in

Open Firefox browser, click on **“Tool”** and **“Add-on”**. Enter **“IE tab”** to search in the input box, install it after finding **“IE Tab 4.0.20130422”**, then restart the Firefox browser.

(b) Display icons of IE Tab plug-in in the toolbar

Click with the right mouse button in the toolbar area. Select **“Custom”** options, pop-up **“Customize Toolbar”** dialog box, then click on the **“IE tab”** image icon in the toolbar area and close this dialog box.

(c) Run the web page

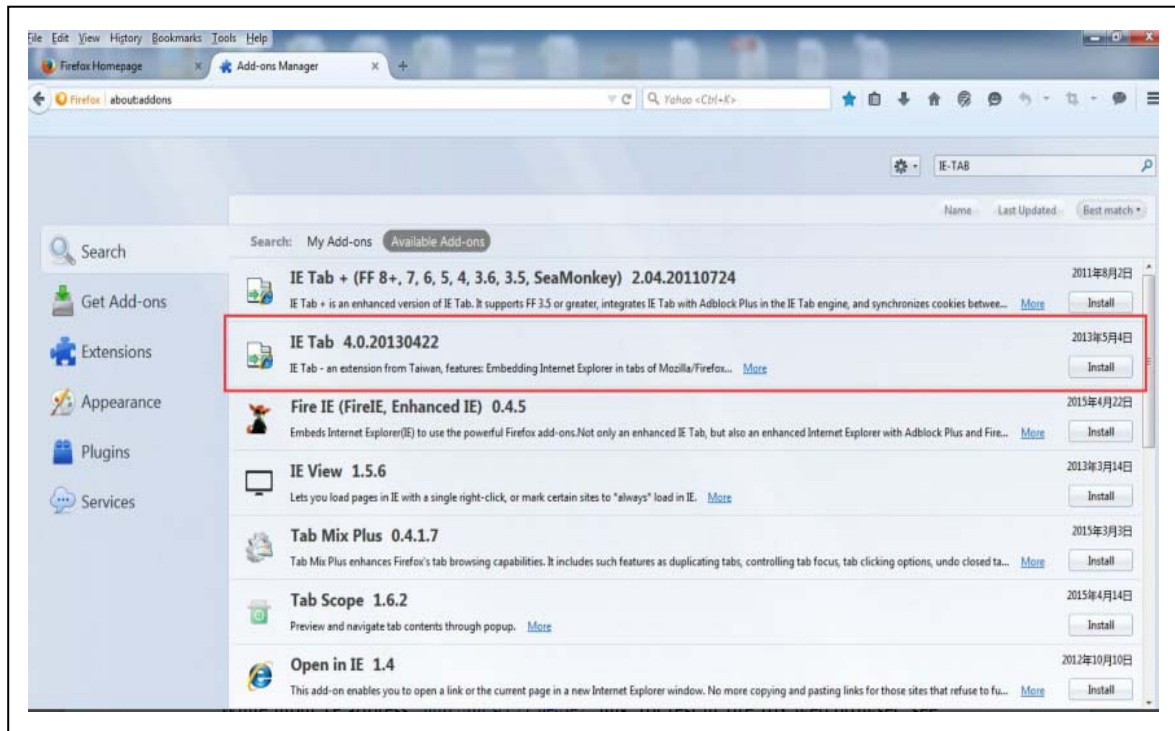
Enter the website in the address bar. It is normal for the browser with IE activex when it pop-up prompts to install activex control, otherwise it is not possible to run the web page properly. When you click on **“IE tab”**



, the web browser will restart in the way of "IE browser" and will run normally.

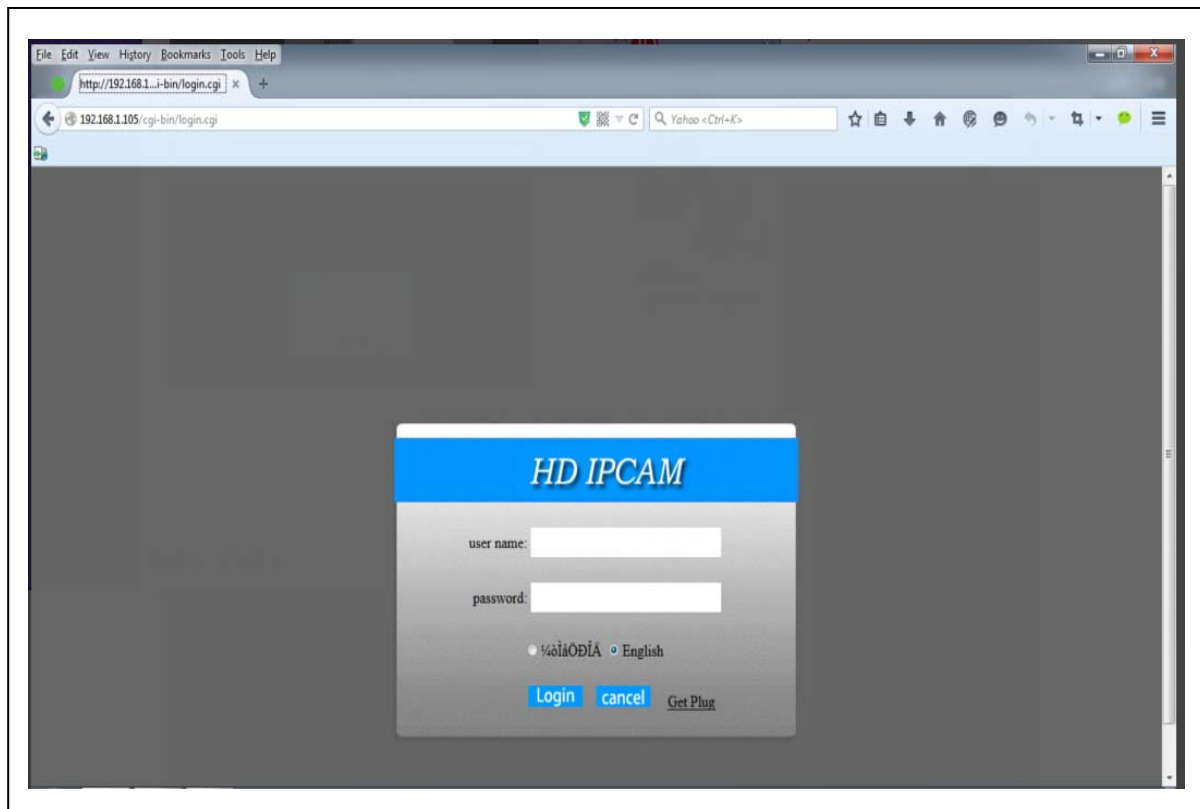
See below picture with the operating effect:

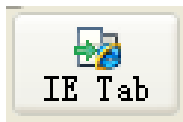
Firefox browser plug-in IE Tab 4.0.20130422

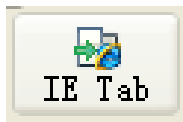


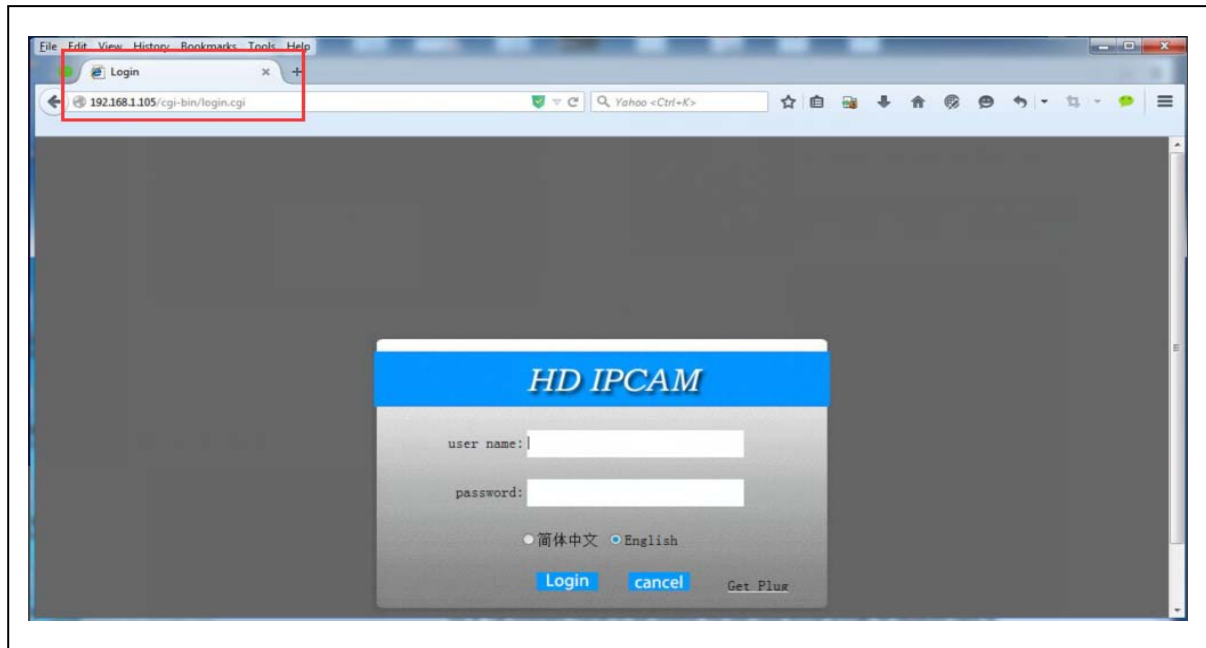
Input the IP address of your IP camera "192.168.1.105". Link for test in

Firefox web browser, see picture below.

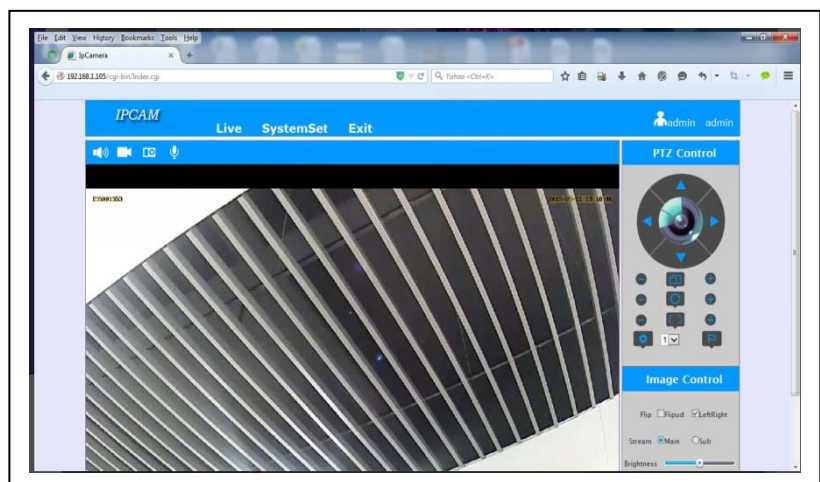




Click on the  icon (see it in the light blue bar, left hand upper side in the above picture). Then release IE web built-in Firefox as shown in the picture below:



Then input the user name **"admin"** and password **"admin"**. Click Login to preview the device. **Now you can see the LIVE CAMERA PICTURE preview.** As example in the picture below, the camera lens was directed to the ceiling of the room.



Now you can set your camera to your liking!

11.3. CHROME

Google Chrome with Chinese version **38.0.2125.111** to run web activex, see operation steps below.

(a) Install plug-in

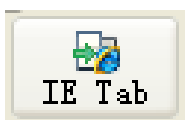
Enter the following website in the browser, install Google Chrome plug-in.
<https://chrome.google.com/extensions/detail/hehijbfgiekmjfkfjpbkbammjbdennadd>

(b) Display icons of IE Tab plug-in in the toolbar

Click with the right mouse button in the toolbar area. Select "Custom" options, pop-up "Customize Toolbar" dialog box, then click on the "IE tab" image icon in the toolbar area and close this dialog box.

(c) Run the web page

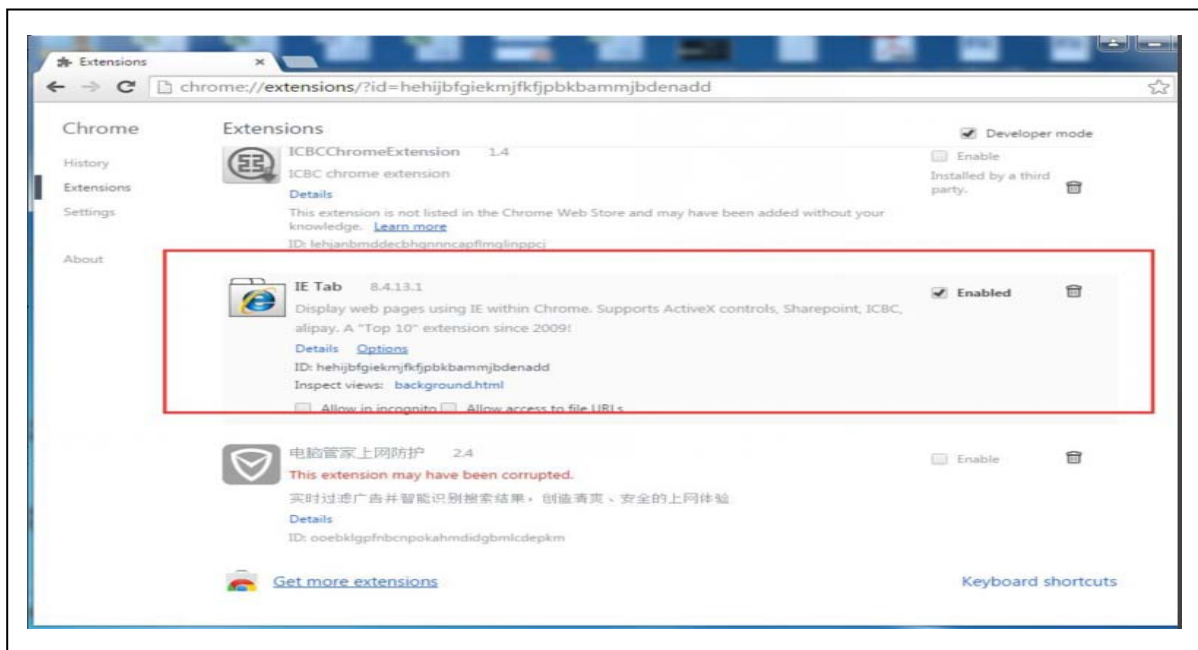
Enter the website in the address bar. It is normal for the browser with IE activex when it pop-up prompts to install activex control, otherwise it is not possible to run the web page properly. When you click on "IE tab"



, the web browser will restart in the way of "IE browser" and will run normally.

See below picture with the operating effect:

Google Chrome browser plug-in IE Tab 4.0.20130422

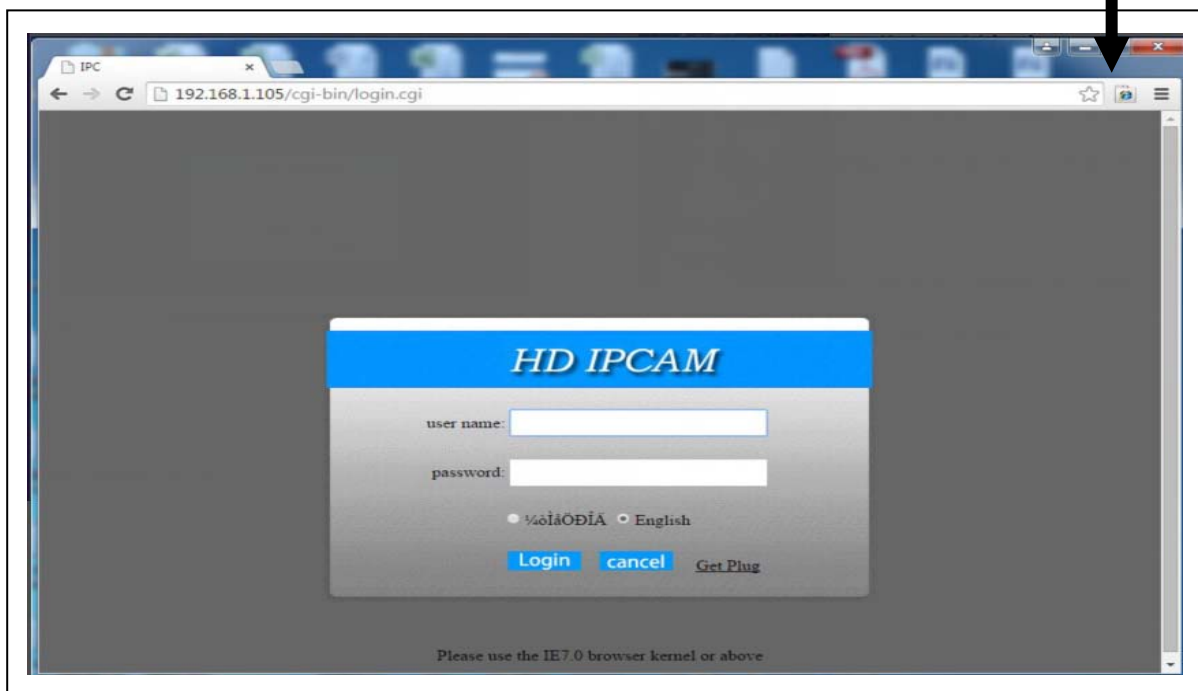


Input the IP address of your IP camera "192.168.1.105".

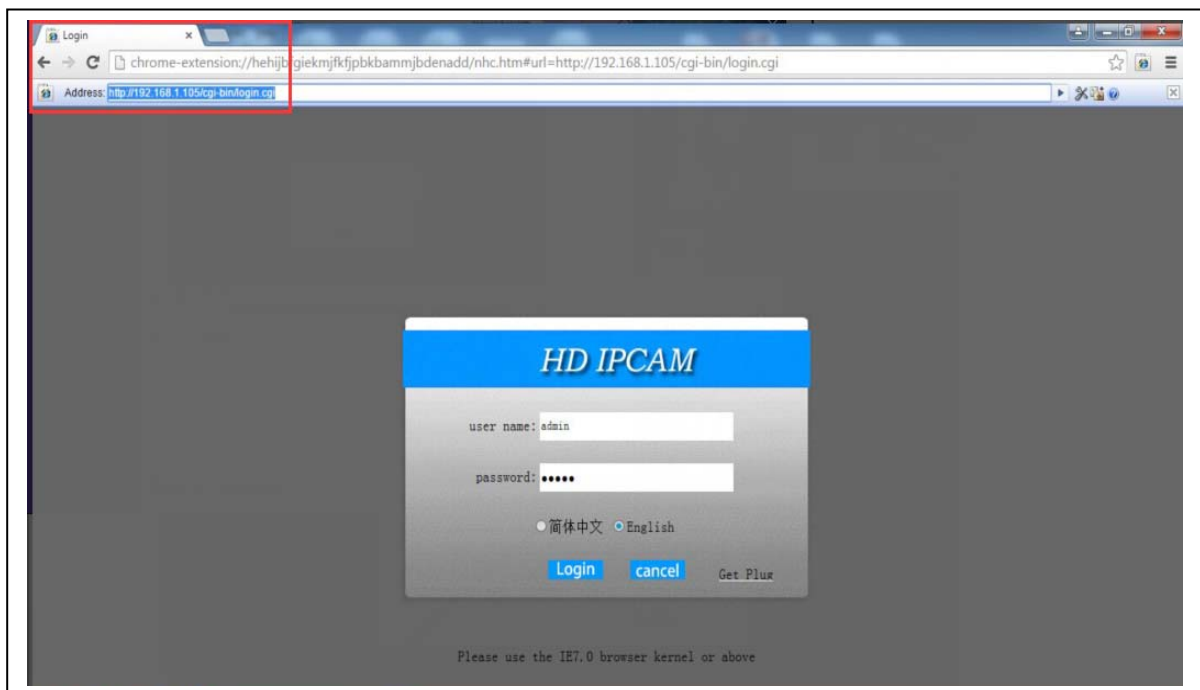
Link for test in Chrome web browser, see picture below.

Click on the "IE tab" icon, then you can see

IE web browser built-in log in interface below:

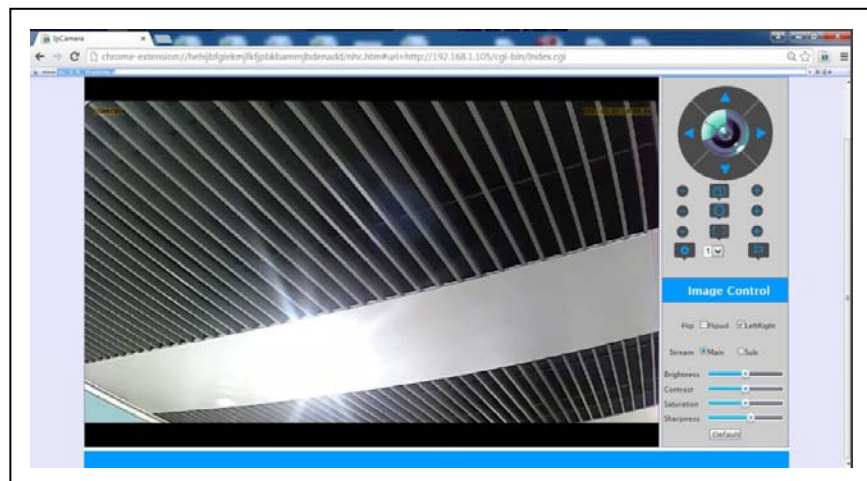


Then input the user name “**admin**” and the password “**admin**”. Then click Login to preview the device.



Now you can see the **LIVE CAMERA PICTURE** preview.

As example in the picture below, the camera lens was directed to the ceiling of the room.



Now you can set your camera to your liking!

KEY FEATURES

- ◆ 1/4" CMOS sensor
- ◆ H.264 720p Multi Stream Compress format
- ◆ support 802.11.b/g/n wireless protocol
- ◆ support P2P function , easy to connect through internet

SPECIFICATIONS

Image sensor	1/4" Color CMOS Sensor
Minimum Illumination	0.5Lux
video compression	H.264 720p Multi Stream
Video Frame Rate	25fps , 30fps
Motion detective	Yes
Capture	Yes
vidio adjust	brightness, contrast, sharpness, saturation
Audio output	one audio output
Audio format	G.726
System interface	audio input/output interface
	alarm input/output interface
	10Base-T/100Base-TX internet interface
Vedio stream	16Kbps~4Mbps
Protocol	TCP/IP
Wireless network	support 802.11.b/g/n wireless protocol
Upgrade	Remotely via the network upgrade
Reset	Intelligent self-healing capabilities
TF memory	max support 32G
Infrared Light	36pcs IR LEDs
IR-cut night vision	10 m
Alarm input	1 way on/off input
Alarm output	1 way repay output
Power	DC 12V/1A external power adaptor
Comsumption	4W
Temperature	-5~55 °C

Product Manufacturer:

SHENZHEN DIT SECURITY&SURVEILLANCE TECHNOLOGY CO.,LTD

Address:

3-4F,BUILDING 5TH,WANDAIHENG HIGH-TECH PARK GUANGMING SHENZHEN

Model: N8152HH-E

AC adapter Model: XED-UL 120100C

AC adapter: Input: 100-240V~, 50/60Hz, 0,35A ; Output: 12Vd.c., 1 A

operating Temperature: 0-25°C

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

