

Комплект HOME VIDEO CO-LH112PW - инструкции



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I Паспортные данные

1. Описание

Комплект HOME VIDEO CO-LH112PW представляет собой коробочное решение для домашнего использования. В комплект входит уличная 2Мп Wi-Fi видеочамера с фиксированным объективом, обеспечивающим широкий угол обзора.

Видеочамера настроена на автоматическое подключение к домашнему Wi-Fi роутеру, для этого необходимо подключить камеру к RJ45 порту роутера патч-кордом из комплекта.

Видеочамера ведёт видео и аудио запись на предустановленную SD карту объемом 64Гб, используя встроенный детектор движения.

Онлайн просмотр и воспроизведение видео осуществляется с мобильных устройств с операционными системами Android и iOS с помощью APP приложения P6SPRO, при этом используется встроенные микрофон и динамик видеочамеры.

Питание чамеры осуществляется источником постоянного тока 12В.

2. Технические характеристики.

Параметры	CO-LH112PW
Тип матрицы	1/2.9" CMOS HiSense F23
Процессор	HiSilicon Hi3516EV100
Разрешающая способность, Мп	2Мп
Минимальная освещенность, Люкс	0,1 Люкс (Color), 0,01 Люкс (B/W)
ИК подсветка, м	30 метров, Адаптивная по уровню освещенности ИК подсветка
Видеокодек	H.265/H.264
Встроенный микрофон	Есть
Встроенная SD карта	Micro SD 64Гб
Режим День/Ночь	Убираемый ИК фильтр управляемый, ИК прожектор. Сенсор Вкл/Выкл (задержка 3-15сек)
Расширение динамического диапазона	D-WDR Auto (Min / Mid / Max)
Скорость передачи, к/с	20 к/с при всех размерах кадра
Поддерживаемый браузер	1. IE11, 2. Только настройки: Google Chrome, Opera, FireFox
Сетевой клиент	EasyVMS, EasyWEB
Мобильный клиент	P6SPRO, P6Slite
Канал передачи данных	Ethernet, Wi-Fi 802.11b/g/n (антенна 3dB), RJ45 (10/ 100 Base-T)
Фокусное расстояние, мм	3,6
Углы обзора	Горизонталь 67°
Напряжение питания, В , Потребляемая мощность, Вт	DC12V, 5,04Вт
Тип PoE, Потребляемая мощность, Вт	PoE (IEEE 802.3af), 6Вт
Класс защиты, IPxx	IP66
Материал корпуса	Металл
Диапазон рабочих температур, °C	-40°C ~ +50°C

3. Назначение разъемов кабеля видекамеры



1. Разъем RJ-45 ETHERNET
2. Разъем питания 12В
3. Кнопка Reset - сброс в заводские установки



4. Комплектация

- | | |
|---|-------|
| 1. WiFi видекамера | -1 шт |
| 2. Блок питания 12В/1А | -1 шт |
| 3. Патч-корд | -1 шт |
| 4. SD карта 64Гб | -1 шт |
| 5. CD с ПО для просмотра по сети, описанием | -1 шт |
| 6. Паспорт | -1 шт |

5. Гарантийные обязательства.

Гарантийный срок эксплуатации комплекта - 12 месяцев с даты продажи.

При отсутствии отметки о дате продажи гарантийный срок исчисляется от даты выпуска.

Гарантийные обязательства недействительны, если причиной неисправности видекамеры являются:

- умышленная порча;
- пожар, наводнение, стихийные бедствия;
- аварии в сети питания;
- неправильное подключение сетевой видекамеры (ошибка в схеме соединения),
- механические повреждения.

Дата выпуска _____ Дата продажи _____

МП

МП

ИЗГОТОВИТЕЛЬ:

ООО «СОУЭ «Тромбон»

Россия, г. Москва.

www.cctvonyx.ru

II Инструкция по быстрому подключению HOME VIDEO CO-LH112PW



Внимание ! Данное изделие может устанавливаться и обслуживаться только квалифицированным обслуживающим персоналом во избежание риска поражения электрическим током, получения травм и повреждения изделия. Соблюдайте все процедуры по предотвращению повреждения камеры и ее компонентов электростатическим зарядом

1. Присвоение IP адреса

- Запустите программу SearchTool для поиска IP камеры в сети, нажмите Refresh(обновить)

The screenshot shows the SearchTool interface with a table of discovered devices. The 'Refresh' button and the IP address '192.168.2.151' are circled in red. The configuration panel on the right includes fields for IP Address, SubnetMask, GateWay, DNS, HTTP Port, RTSP Port, and a checkbox for DHCP. Below these are fields for Username and Password under the 'SECURITY VERIFY' section, and buttons for 'Modify' and 'Forget Password'.

Index	Model	Device Name	Firmware Version	IP Address	Subnet Mask	GateWay	DNS
<input type="checkbox"/>	001	ONVIF	ONVIF_CAM...	192.168.2.151	255.0.0.0	192.168.2.1	
<input type="checkbox"/>	002	ONVIF	IPC	192.168.1.207	255.0.0.0	192.168.2.1	
<input type="checkbox"/>	003	ONVIF	IPC	192.168.5.102	255.0.0.0	192.168.2.1	
<input type="checkbox"/>	004	ONVIF		192.168.5.103	255.0.0.0	192.168.2.1	
<input type="checkbox"/>	005	ONVIF		192.168.5.106	255.0.0.0	192.168.2.1	
<input type="checkbox"/>	006	ONVIF	IP_CAMERA	192.168.5.101	255.0.0.0	192.168.2.1	
<input type="checkbox"/>	007	ONVIF	AE_2MP_Cam1	192.168.5.104	255.0.0.0	192.168.2.1	

- Нажмите дважды на строку с IP адресом камеры, в появившемся окне введите **логин, пароль: admin, admin** (по умолчанию **admin, пусто**), появится окно браузера с видео:

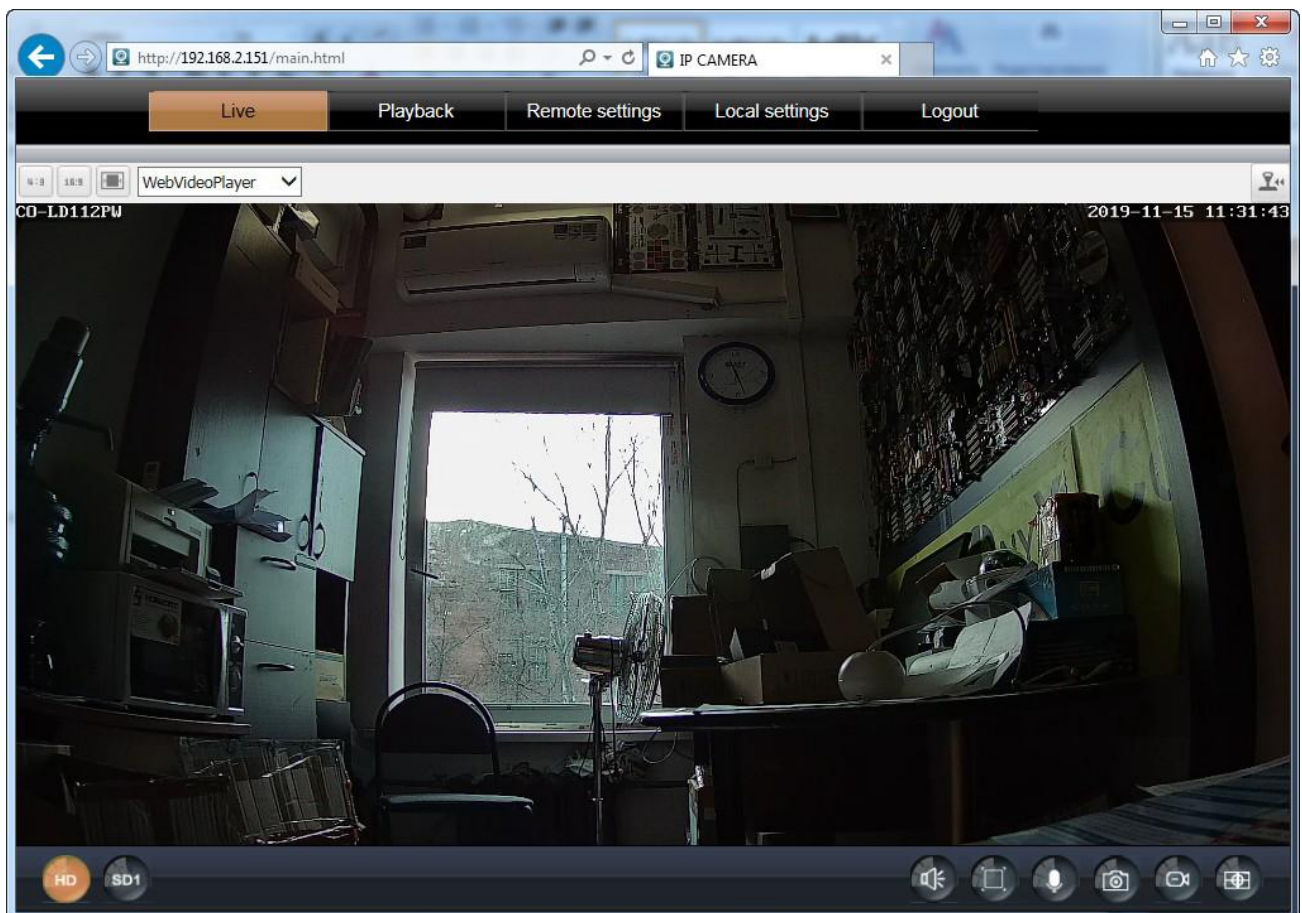
User Login

Username

Password

Stream Type

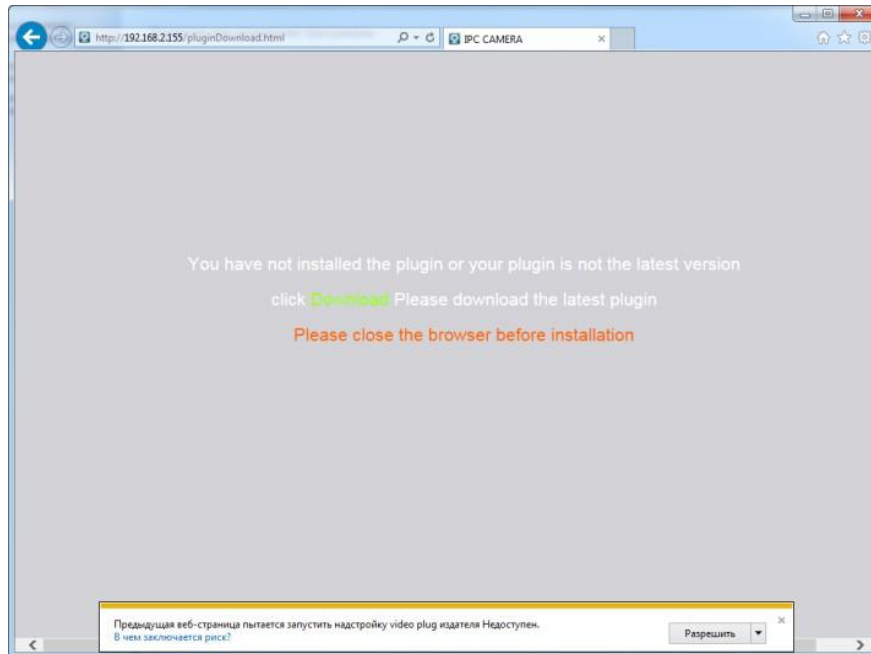
Language



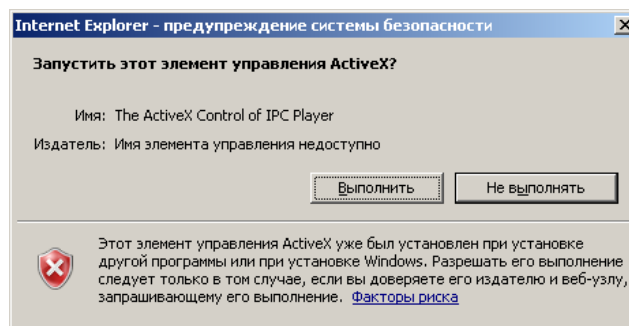
2. Настройки клиента

Установка компонент ActiveX в Internet Explorer

- Для доступа к странице живого просмотра сетевой камеры вам может быть предложено установить компоненты ActiveX; нажмите **“Разрешить”**



- Обновите IE браузер, появится всплывающее окно, предлагающее скачать **ActiveX**. Нажмите “Выполнить”

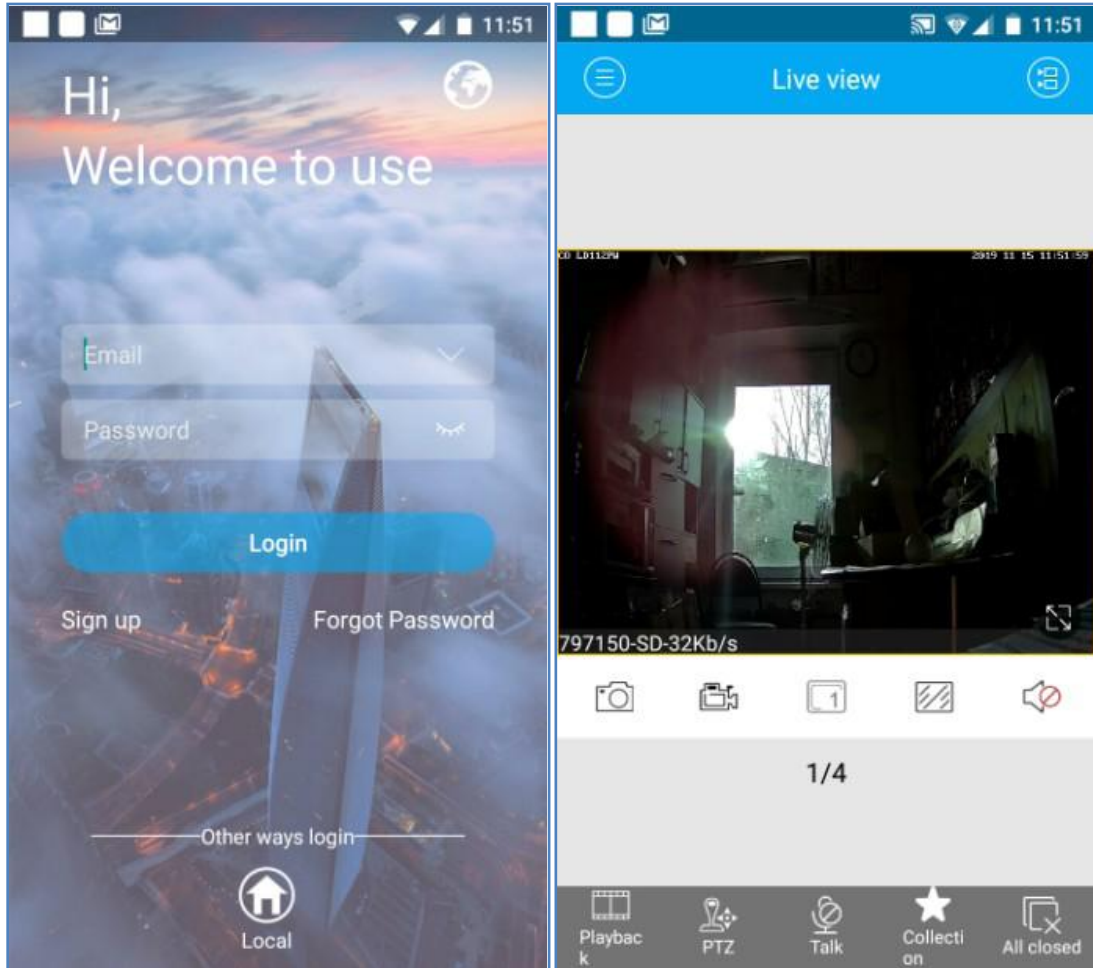


3. Просмотр с мобильного устройства (P6SPRO, P6SLite)

Скачайте приложение **P6SPRO, P6SLite** на мобильное устройство с сервисов Google Play или Apple

Store и установите его.





III Руководство пользователя

HOME VIDEO CO-LH112PW

1. Подключение камеры

Подайте питание на камеру, подключив её к блоку питания (питание камеры, рабочая температура, полярность должны строго соответствовать паспортным данным).

Подключите камеру сетевым проводом к вашему роутеру или напрямую к компьютеру.

2. Настройка IE

Сначала необходимо настроить уровень безопасности браузера **Internet Explorer (IE)**. Для этого проделайте следующие действия:

Запустите **Internet Explorer (IE)**.

Затем -->**Свойства обозревателя** -->**Безопасность**

Во вкладке **Безопасность** нажмите кнопку **Другой...**

Разрешите все пункты **ActiveX** и плагины.

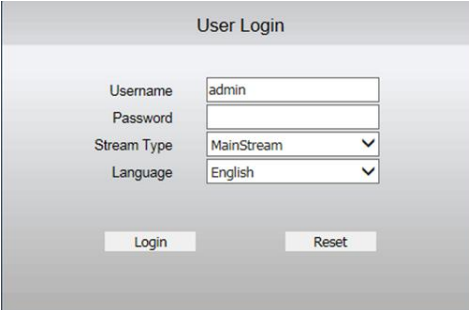
Нажмите **Ок**, для сохранения настроек.

3. Вход в интерфейс настроек камеры

Введите в адресной строке IP адрес камеры (по умолчанию 192.168.1.110).

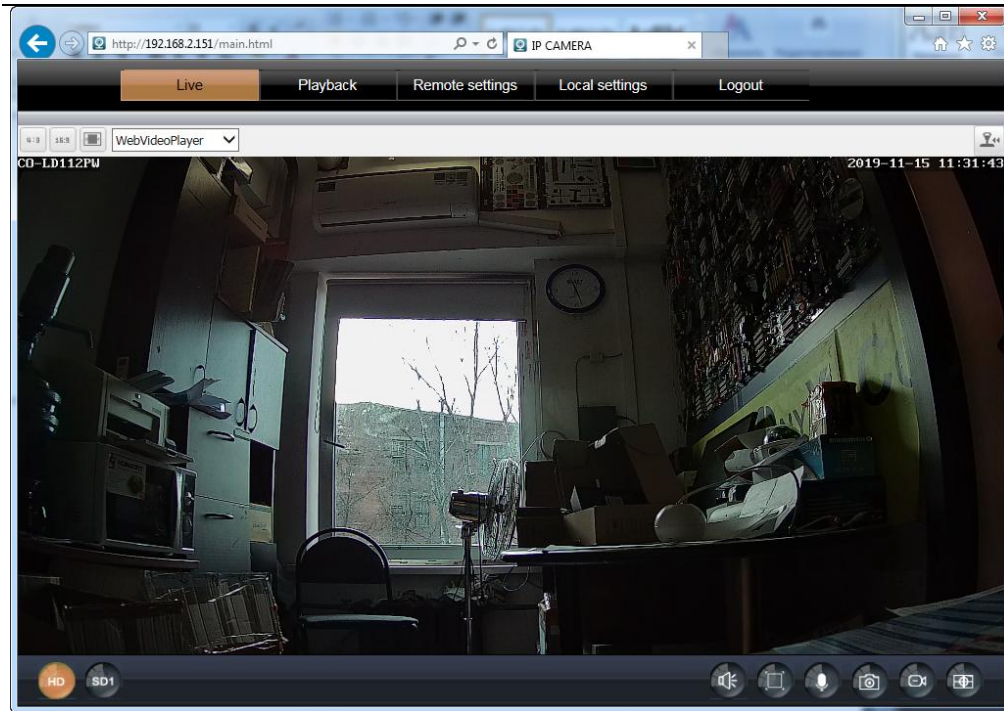
Появится окно приглашения в систему.

Введите логин и пароль: admin – admin (по умолчанию: admin – *пусто*).



User Login	
Username	<input type="text" value="admin"/>
Password	<input type="password"/>
Stream Type	<input type="text" value="MainStream"/>
Language	<input type="text" value="English"/>
<input type="button" value="Login"/> <input type="button" value="Reset"/>	

После входа в интерфейс для получения изображения с камеры установите предлагаемый плагин.



Камера поддерживает два типа компрессии -H.265/ H.264. После входа в систему по умолчанию включен кодек H.265. Пользователь по желанию может изменить тип кодека на H.264 в строке **video coding**.



Интерфейс камеры содержит 4 основные вкладки – **Live** (Режим просмотра и управления камерой) , **Playback** (Воспроизведение), **Remote settings**(Настройки камеры), **Local settings**(Местные настройки).

4. Live (Режим просмотра и управления камерой)

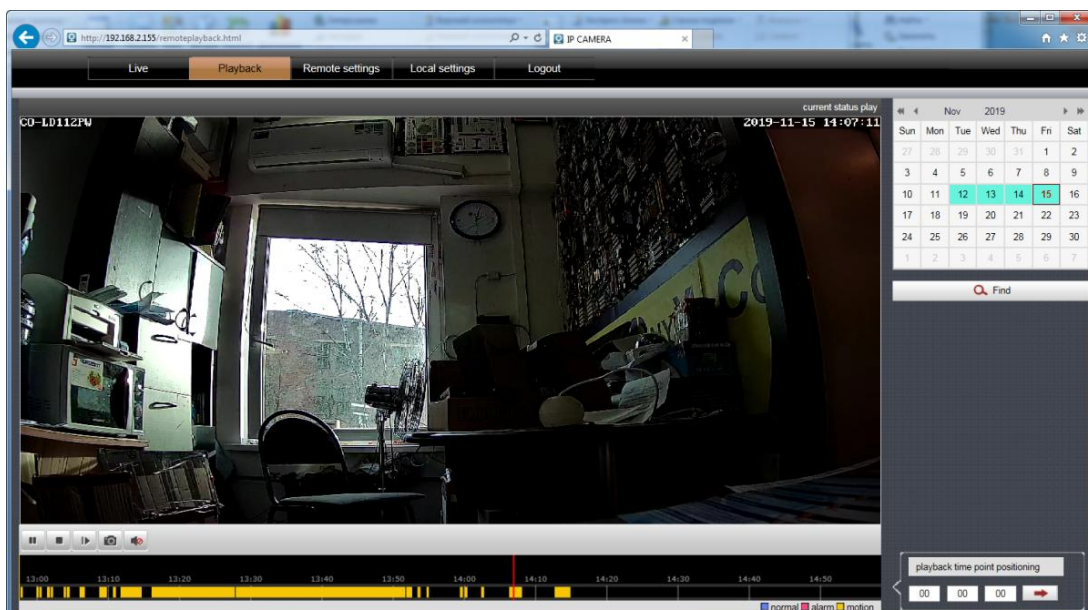
HD просмотр основного потока

SD1 просмотр дополнительного потока

5. Playback (Воспроизведение)

5.1 Playback-Remote(удаленное воспроизведение)

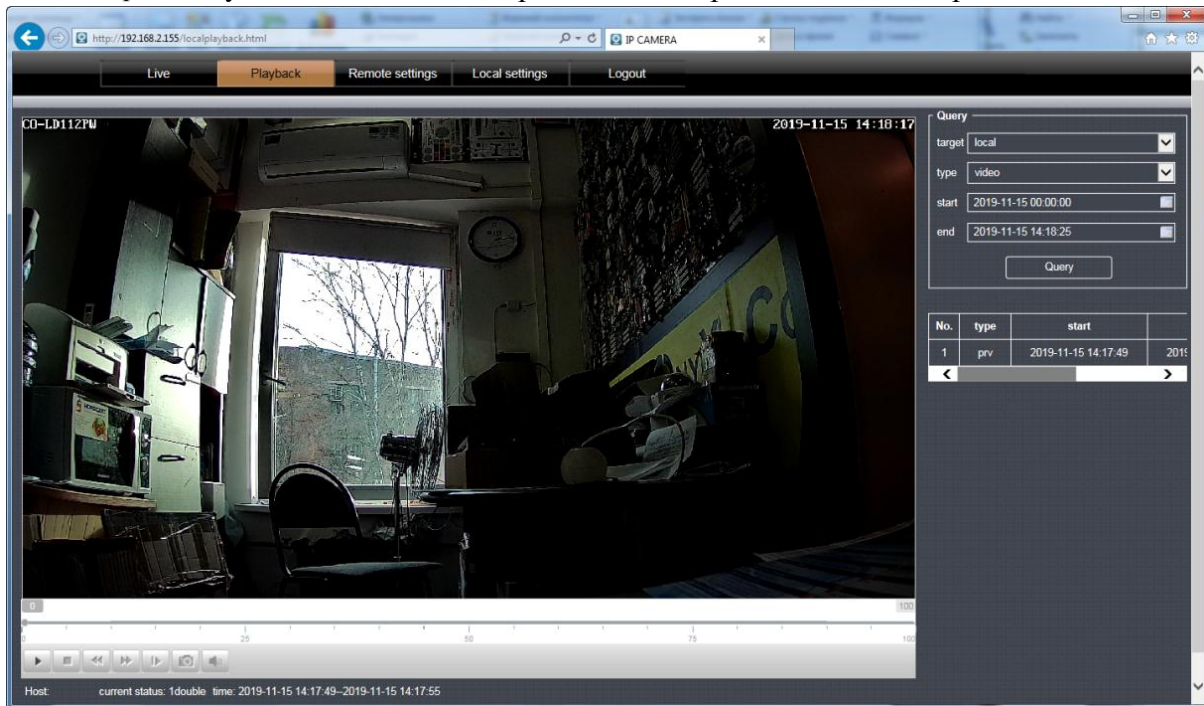
Выберите Playback- Remote для воспроизведения архива с SD карты камеры



Выберите дату, нажмите Find(Поиск).

5.2 Playback-Local (локальное) воспроизведение

Выберите Playback- Local для воспроизведения архива с компьютера.



Выберите дату, период времени, нажмите Query(Запрос), при двойном щелчке на выбранном файле слева появится видео.

6. Remote settings (Настройки камеры)

6.1 OSD config (Настройки отображения на экране)



OSD – наименование камеры

display channel name(отображение наименования камеры на экране) – вкл/выкл

display time(отображение даты-времени на экране) – вкл/выкл

6.2 Image Control (Настройки изображения)

The screenshot shows the 'Image Control' configuration page in a web browser. The browser address bar shows 'http://192.168.2.155/rsmain.html'. The page has a navigation bar with 'Live', 'Playback', 'Remote settings', 'Local settings', and 'Logout'. The left sidebar contains various configuration categories: Camera Config, OSD Config, Image Control (selected), Privacy Coverage, Network Config, Code Config, Alarm Config, System Config, and System Maintain. The main content area is titled 'Image Control' and has a 'default' tab. The settings are as follows:

night mode	normal night
Image mode	face without exposure
IR-CUT mode	auto (passive mode)
IR-CUT switching time	3
IR-CUT reverse	off
brightness	50
contrast	50
saturation	50
chroma	50
sharpness	50
anti-flash mode	50HZ
aperture type	manual aperture
exposure time	auto
gain	auto
white balance	auto white balance
3D noise reduction	auto
BLC	off
WDR	auto
image flip	off

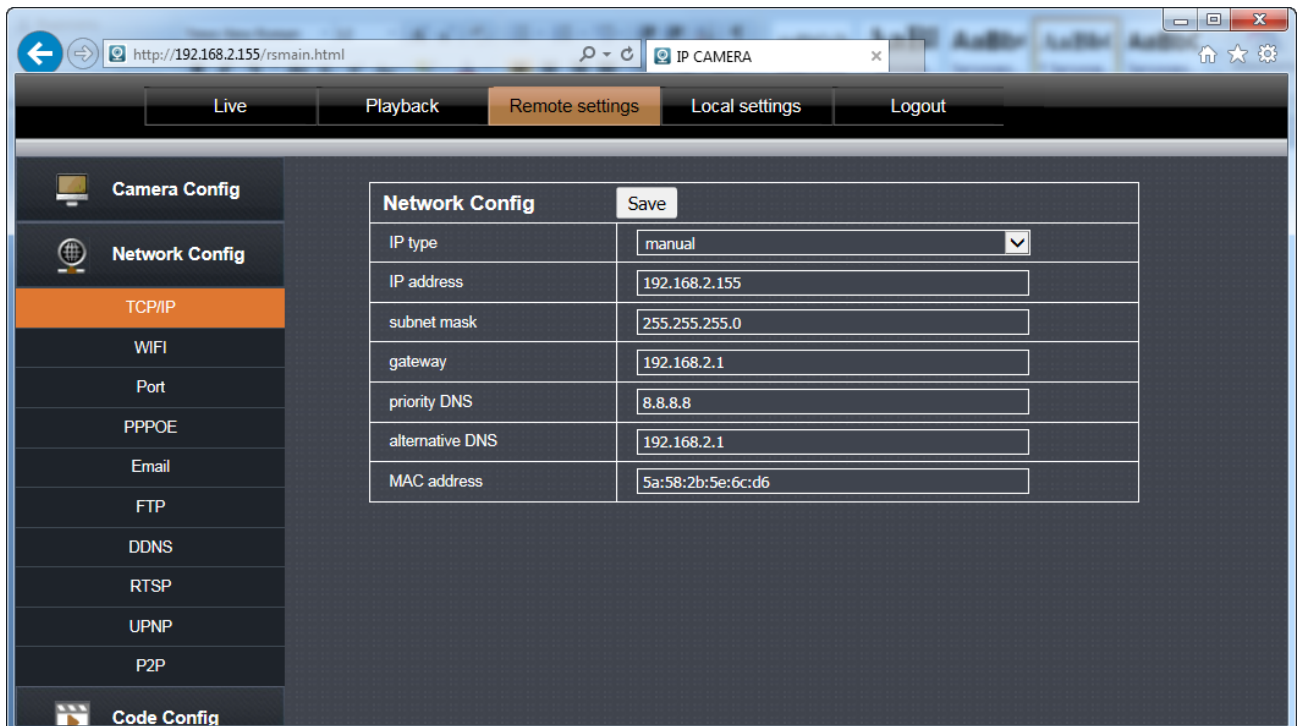
A live video feed is shown on the right side of the settings panel, displaying a room with a window and a clock. The video feed includes the text 'CO-LD112PW' and '2019-11-15 14:37:44'.

6.3 Privacy Coverage (приватные зоны)

The screenshot shows the 'Privacy Coverage' configuration page in a web browser. The browser address bar shows 'http://192.168.2.155/rsmain.html'. The page has a navigation bar with 'Live', 'Playback', 'Remote settings', 'Local settings', and 'Logout'. The left sidebar contains various configuration categories: Camera Config, OSD Config, Image Control, Privacy Coverage (selected), Network Config, Code Config, Alarm Config, System Config, and System Maintain. The main content area is titled 'Privacy Coverage' and has a 'Save' button. The 'Privacy Coverage' checkbox is checked. A live video feed is shown on the right side of the settings panel, displaying a room with a window and a clock. The video feed includes the text 'CO-LD112PW' and '2019-11-15 14:42:34'. There are several red rectangular overlays on the video feed, indicating private zones. A 'clear' button is located below the video feed.

6.4 Network Config (сетевые настройки)

Сетевые настройки TCP/IP, WIFI, Port, PPPOE, Email, FTP, DDNS, RTSP, UPNP, P2P

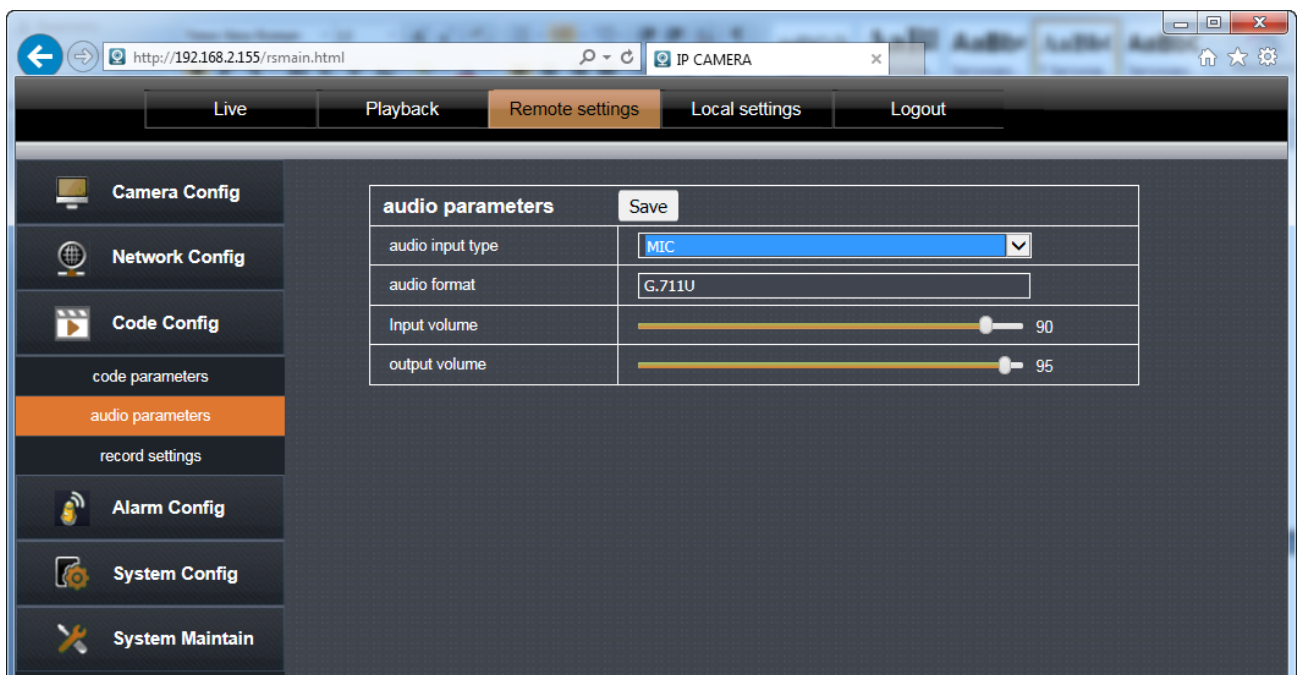


7. Code config (настройки кодирования)

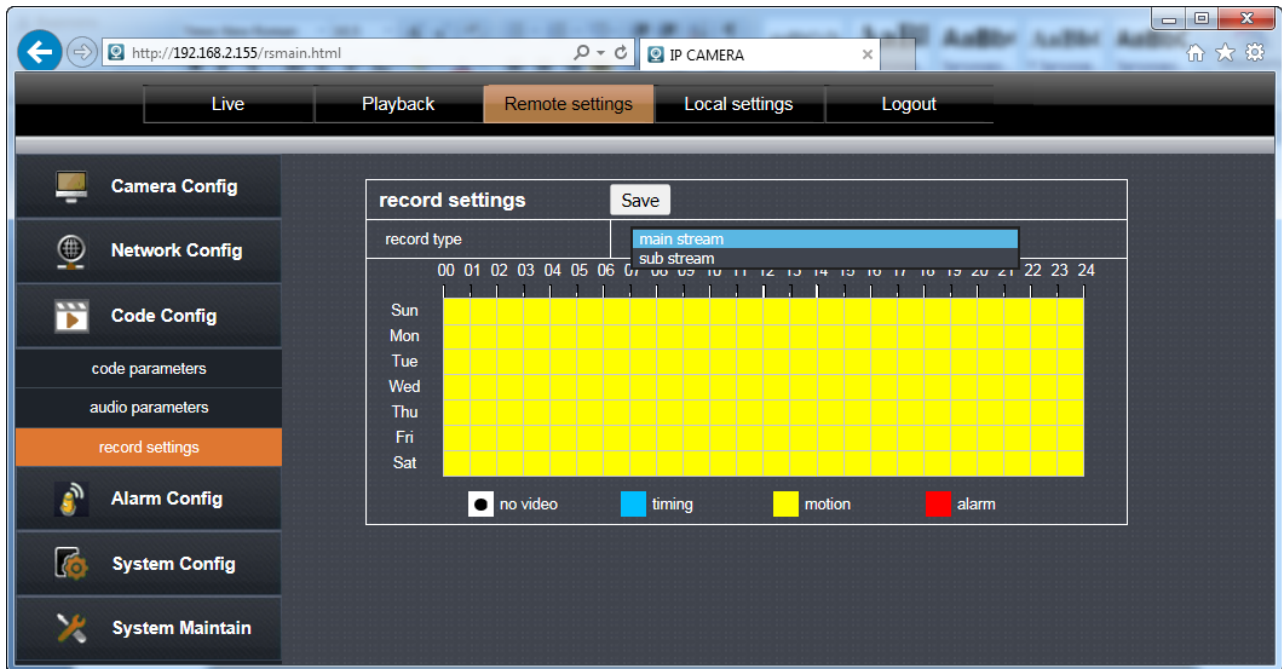
7.1 Code parameters (настройки параметров потоков)



7.2 Audio parameters (настройки аудио)



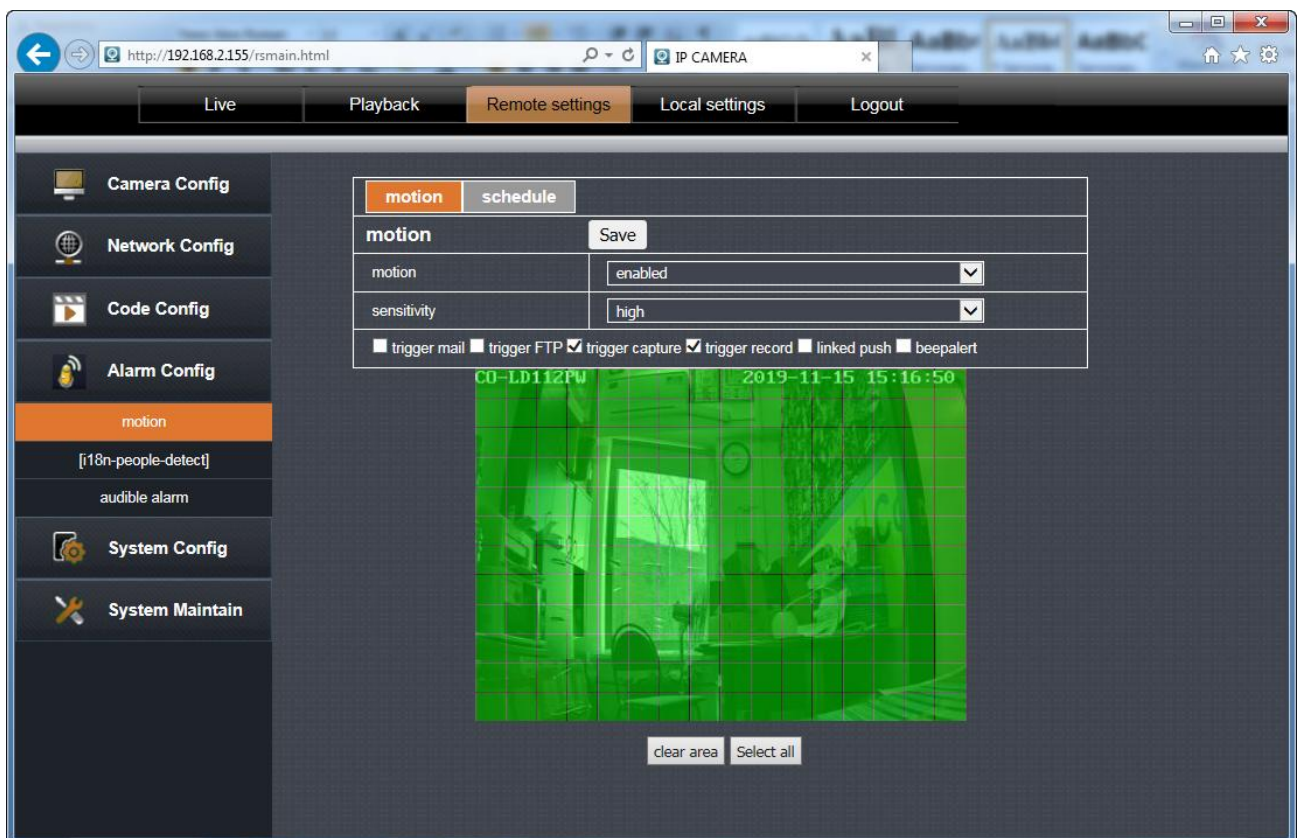
7.3 Record settings (настройки расписания записи)



 timing - постоянная запись,  motion - запись по движению

8. Alarm Config (настройки тревоги)

8.1 Motion (Детекция движения)

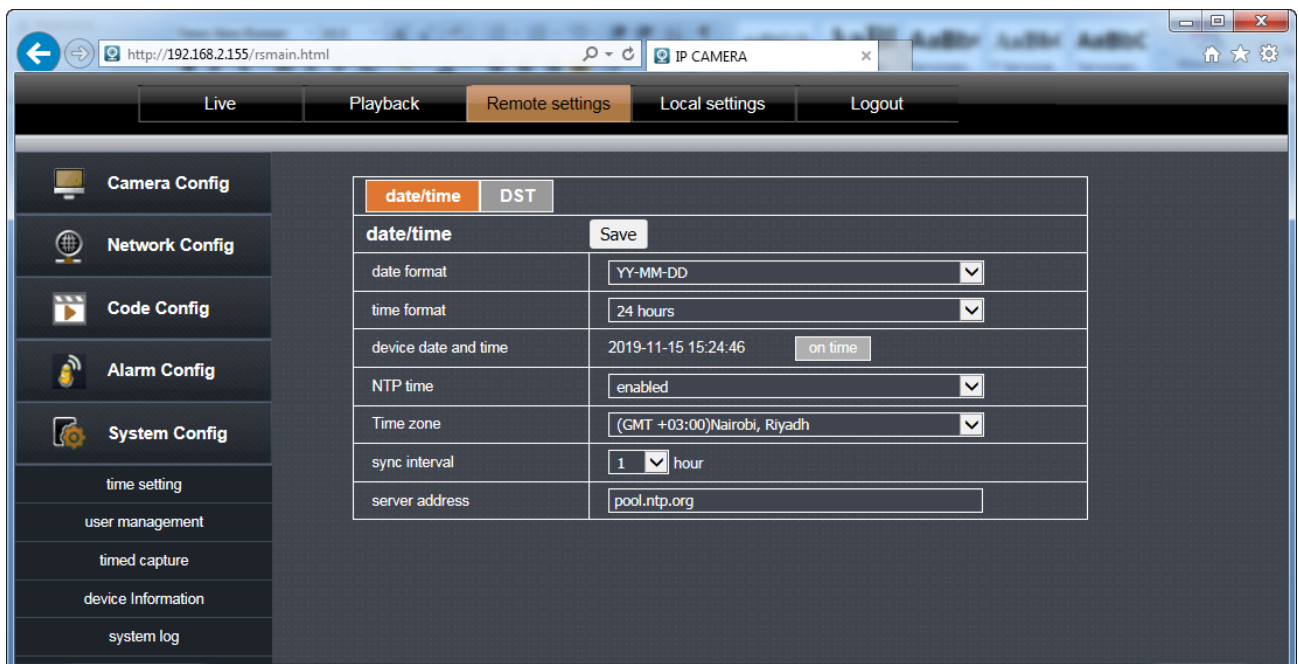


8.2 Audible alarm (акустический)

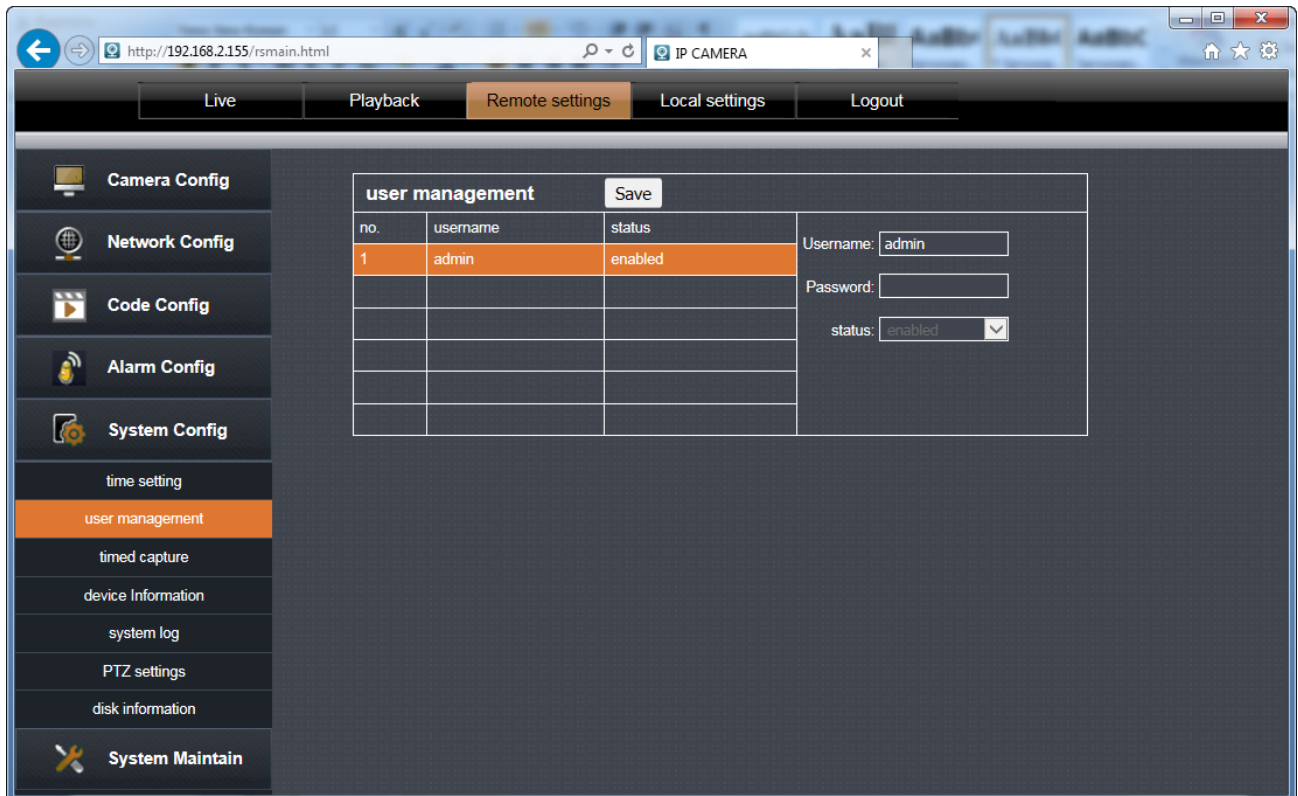


9. System config (Системные настройки)

9.1 Time setting (настройки времени)



9.2 User management (настройки пользователей)

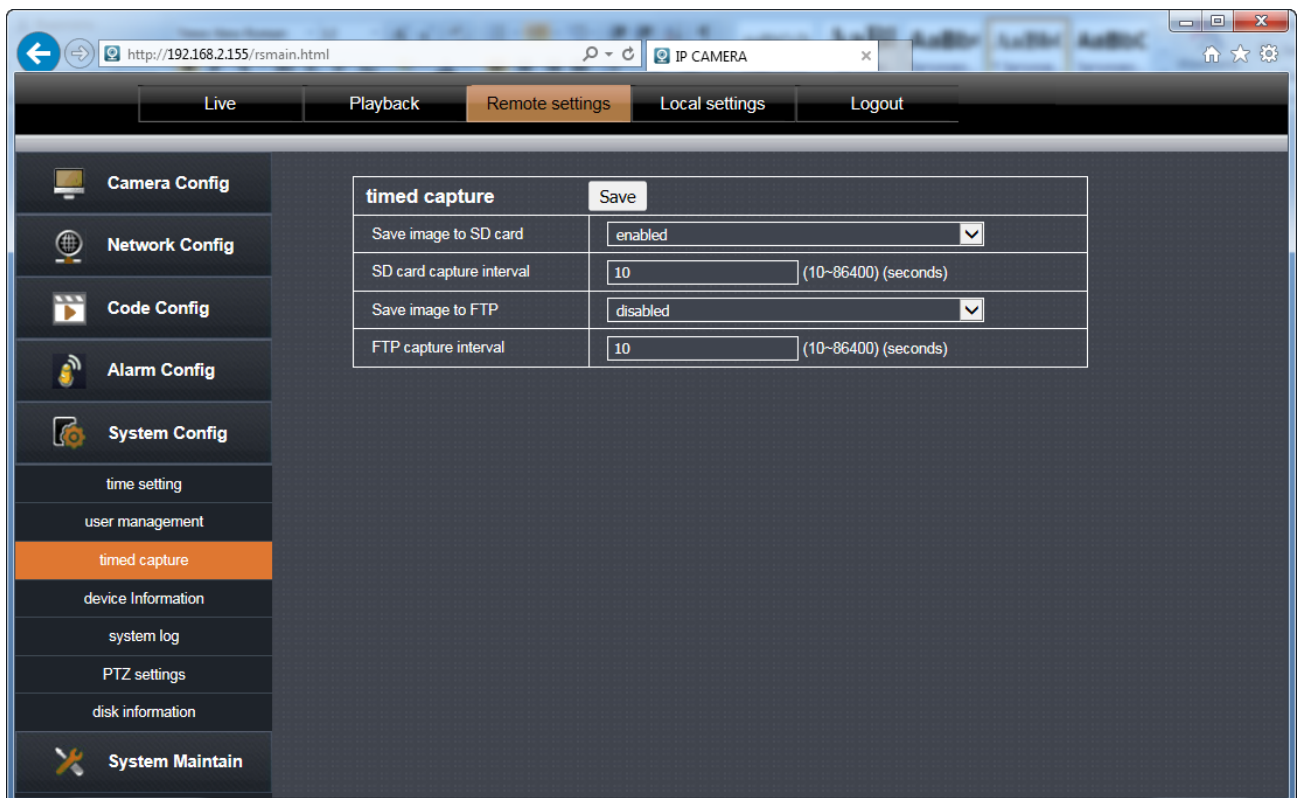


The screenshot displays the 'user management' configuration page in the IP CAMERA web interface. The page features a navigation menu on the left with categories like Camera Config, Network Config, Code Config, Alarm Config, System Config, and System Maintain. The 'user management' option is selected. The main content area shows a table with columns for 'no.', 'username', and 'status'. A 'Save' button is located at the top right of the table. The table contains one entry: no. 1, username admin, status enabled. To the right of the table are input fields for Username (admin), Password, and status (enabled).

no.	username	status
1	admin	enabled

Username:
 Password:
 status:

9.3 Timed capture (настройки интервалов времени захвата на SD карту, FTP сервер)




The screenshot displays the 'timed capture' configuration page in the IP CAMERA web interface. The page features a navigation menu on the left with categories like Camera Config, Network Config, Code Config, Alarm Config, System Config, and System Maintain. The 'timed capture' option is selected. The main content area shows a table with columns for configuration and value. A 'Save' button is located at the top right of the table. The table contains four entries: Save image to SD card (enabled), SD card capture interval (10), Save image to FTP (disabled), and FTP capture interval (10).

configuration	value
Save image to SD card	enabled
SD card capture interval	10 (10-86400) (seconds)
Save image to FTP	disabled
FTP capture interval	10 (10-86400) (seconds)

9.4 Device information (информация об устройстве)

9.5 System log (системный журнал)

9.6 Disk information (информация об SD карте)

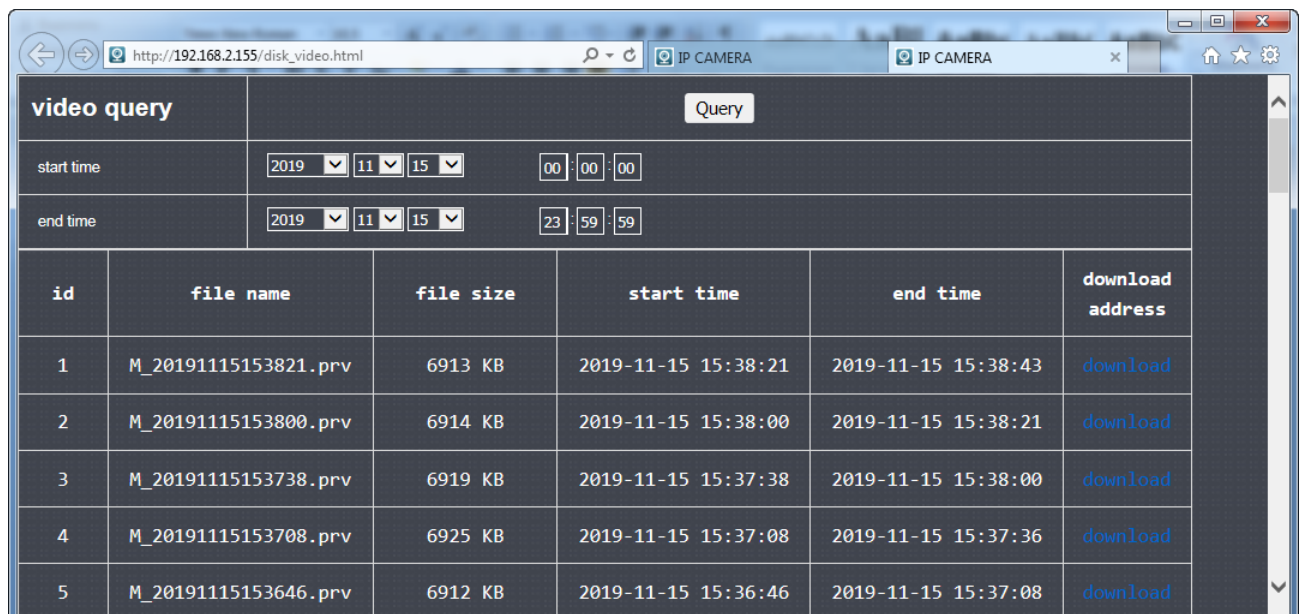


The screenshot shows the 'disk information' page in the IP CAMERA web interface. The page is accessed via the URL `http://192.168.2.155/rsmain.html`. The interface includes a navigation menu on the left with options like 'Camera Config', 'Network Config', 'Code Config', 'Alarm Config', 'System Config', 'time setting', 'user management', 'timed capture', 'device Information', 'system log', 'PTZ settings', 'disk information' (highlighted), and 'System Maintain'. The main content area displays the following disk information:

disk information	
total capacity	60906 (MB)
available capacity	56871 (MB)
disk type	sd
disk attribute	Normal
grab space	500 (MB)
video space	60390 (MB)
disk status	writing

Below the table, there are buttons for 'format' and 'refresh', and links for 'video files' and 'image files'.

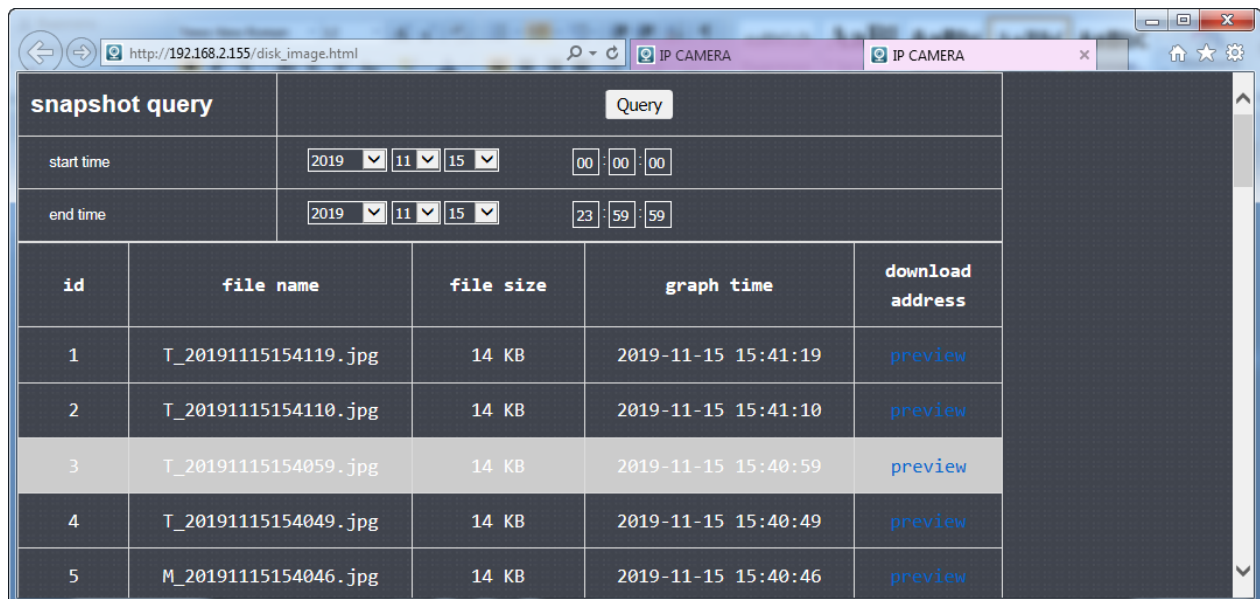
9.6.1 Video files (видео файлы)



The screenshot shows the 'video query' page in the IP CAMERA web interface. The page is accessed via the URL `http://192.168.2.155/disk_video.html`. The interface includes a 'Query' button and a table of video files. The table has the following columns: 'id', 'file name', 'file size', 'start time', 'end time', and 'download address'.

id	file name	file size	start time	end time	download address
1	M_20191115153821.prv	6913 KB	2019-11-15 15:38:21	2019-11-15 15:38:43	download
2	M_20191115153800.prv	6914 KB	2019-11-15 15:38:00	2019-11-15 15:38:21	download
3	M_20191115153738.prv	6919 KB	2019-11-15 15:37:38	2019-11-15 15:38:00	download
4	M_20191115153708.prv	6925 KB	2019-11-15 15:37:08	2019-11-15 15:37:36	download
5	M_20191115153646.prv	6912 KB	2019-11-15 15:36:46	2019-11-15 15:37:08	download

9.6.2 Image files (файлы изображений)



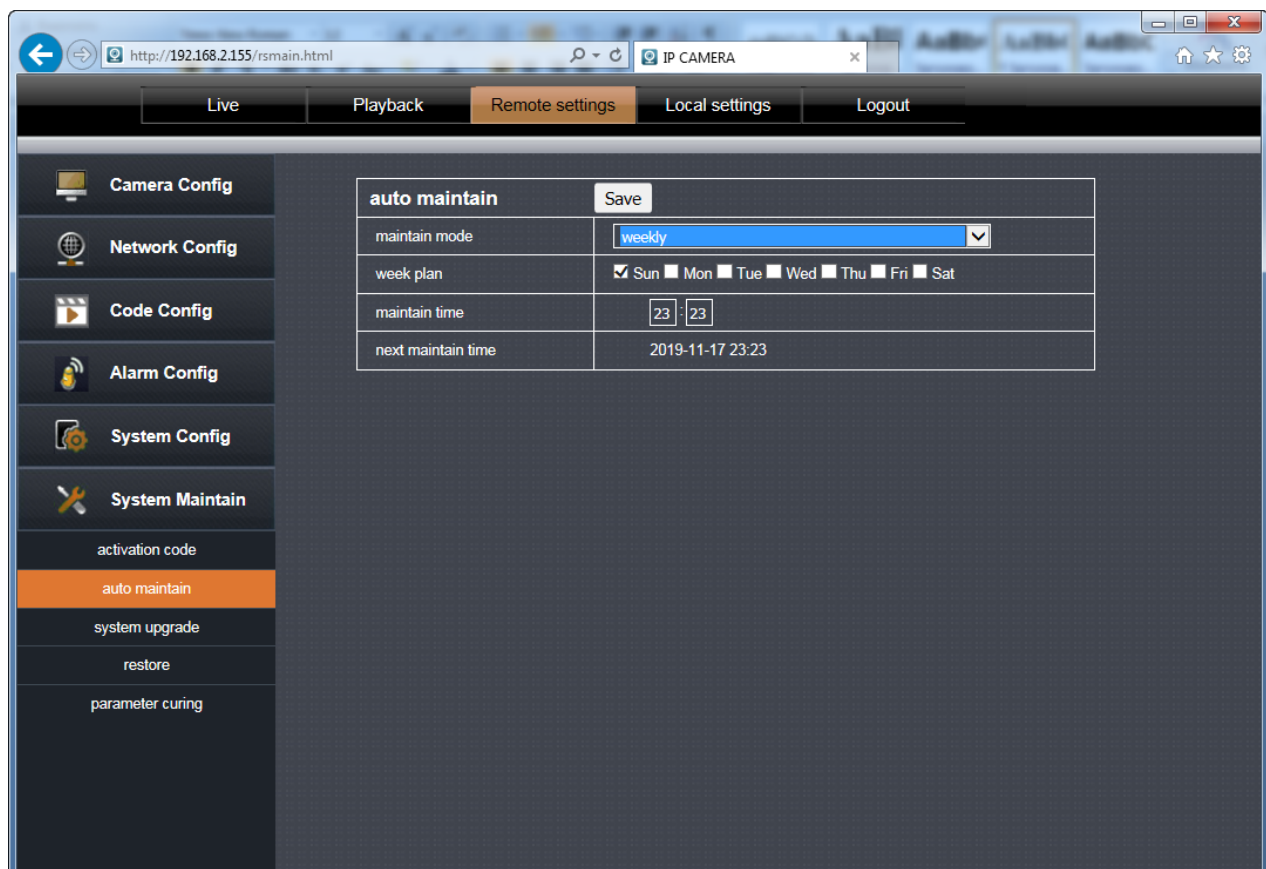
The screenshot shows a web browser window with the URL http://192.168.2.155/disk_image.html. The page title is 'snapshot query'. There is a 'Query' button and two rows for 'start time' and 'end time' with date and time pickers. Below is a table with 5 rows of image files.

id	file name	file size	graph time	download address
1	T_20191115154119.jpg	14 KB	2019-11-15 15:41:19	preview
2	T_20191115154110.jpg	14 KB	2019-11-15 15:41:10	preview
3	T_20191115154059.jpg	14 KB	2019-11-15 15:40:59	preview
4	T_20191115154049.jpg	14 KB	2019-11-15 15:40:49	preview
5	M_20191115154046.jpg	14 KB	2019-11-15 15:40:46	preview

10. System Maintain (Обслуживание системы)

10.1 Activation code (код активации)

10.2 Auto Maintain (автообслуживание)



The screenshot shows a web browser window with the URL <http://192.168.2.155/rsmain.html>. The page has a navigation bar with 'Live', 'Playback', 'Remote settings', 'Local settings', and 'Logout'. A sidebar on the left contains menu items: 'Camera Config', 'Network Config', 'Code Config', 'Alarm Config', 'System Config', 'System Maintain', 'activation code', 'auto maintain', 'system upgrade', 'restore', and 'parameter curing'. The 'auto maintain' menu item is selected. The main content area shows the 'auto maintain' configuration form with a 'Save' button.

auto maintain	
maintain mode	<input type="text" value="weekly"/>
week plan	<input checked="" type="checkbox"/> Sun <input type="checkbox"/> Mon <input type="checkbox"/> Tue <input type="checkbox"/> Wed <input type="checkbox"/> Thu <input type="checkbox"/> Fri <input type="checkbox"/> Sat
maintain time	<input type="text" value="23"/> : <input type="text" value="23"/>
next maintain time	2019-11-17 23:23

10.3 System upgrade (обновление прошивки)

10.4 Restore (восстановление системы, перезагрузка)

IV Инструкция-подключение через приложение P6SPro.


P6SPro Instruction

I: APP Download.....	2
II: Device Addition and Edit.....	3
III: PVR Quick Add IPC	7
IV: Preview& Playback	9
V: Others	10

I、APP Download

1.Scan below QR code to download APP: both Android and IOS.



2.Click main menu  to enter into System Setting----click P2P in Network Setting to reveal QR code. UID QR code will be showed simultaneously if there's UID. Use APP to scan and add.

II、 Device Addition & Edit


1. Running APP:



Click P6SPro icon to run APP.

2. Login:

China Telecom 9:13 AM



LOGIN

Local Device

1. Cloud login: The data of added device is stored in cloud; any mobile phone can synchronize with it after login.

New account need to be registered if login in cloud: click【Register New Account】to register via mobile number or email address, then you can login through this account and password.

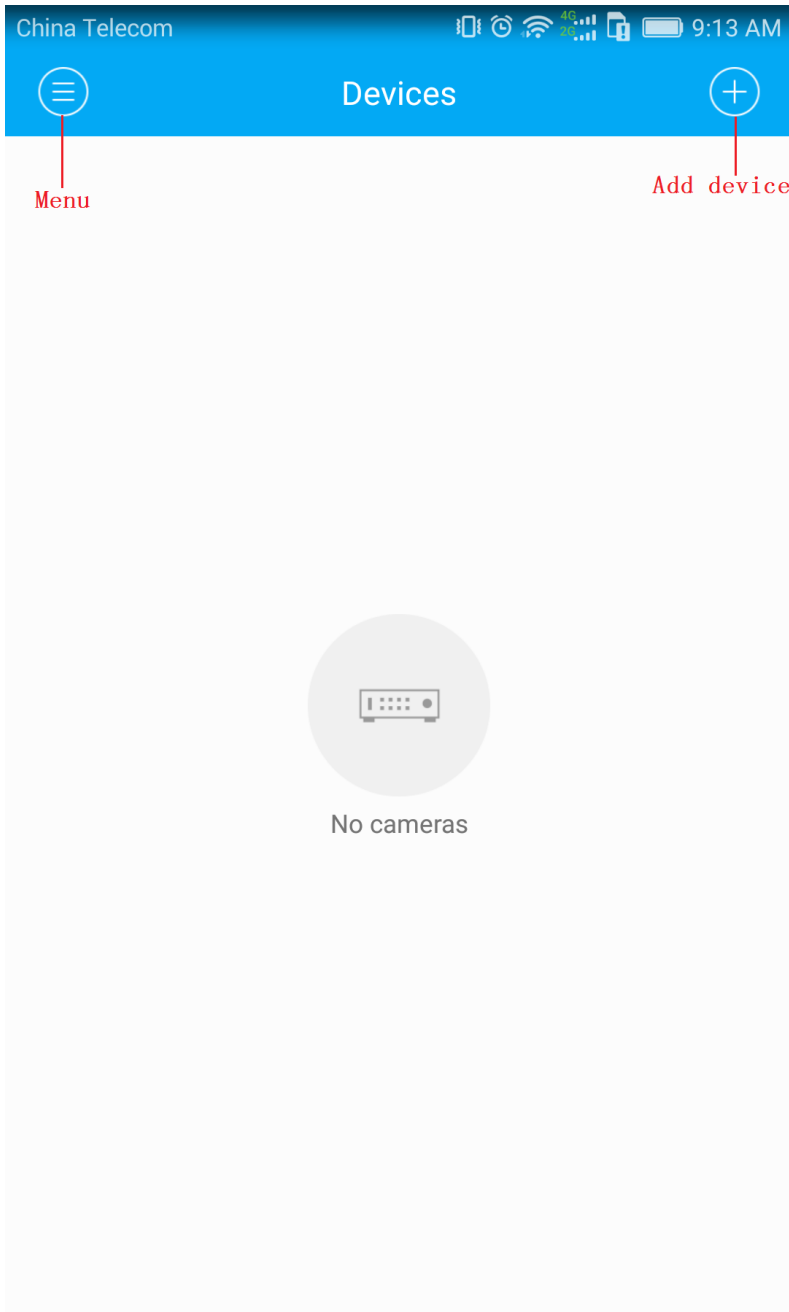
If you registered before: input account & password, click 【Login】 is ok.


If you forgot password: click 【 Forget Password】 to find it.








2. Local login : Data only can be saved in this mobile phone.


Click 【Local Device】 to login.





3. Device list pages:



Left  **menu icon : Click for more functions**

 please log in	Login first: it reveals if open it in local mode, click and login.
 Devices	Device management: click to enter into it.
 Live View	Real-time preview: watching real-time preview screen.
 Playback	Image management: the images shot from 【Real-time preview】 or 【 Remote playback 】 can be viewed or deleted.
 Images	Video management: the video from 【Real-time preview】 can be watched or deleted.
 Videos	System settings: checking system information and Help.
 Settings	

Right  **add icon: click to add device.**

	Manually addition: input serial number to add manually.
 Manual Add	Scanning: click and open phone-camera to scan.
 Scan	LAN search: search device's serial number in LAN.
 Search	QR code from image: click to invoke mobile album, choose QR code image to recognize.
 Image Add	

4.Add device:

China Telecom 10:13 AM


Return Add Camera Save

Name: PVR Customize device's name shown on the list

UID: BZWYZN-030365-EBSYM Series number (SN)

UserName: admin User name

Security Code: ••••• Password

According to step 3, click upper-right  , choose an appropriate way to add device.

Add IPC:

Name: input custom name.

UID: the device UID you gained.

User name and password: input the user name and password of device.

Fill in and click **【Save】** is ok.

After adding successfully, **【 Device management】** will show the device.



【Online】 and **【Channel QTY】** are the device status.

Click Edit button, you can check and modify device information. (If device reveal error password, it needs you to click and input right user name and password.)

Click device on this page to preview directly.

Page after adding:

☰ Devices Add device +

PVR
 BZWYZN-030365-EBSYM 

Online Channel: 4

Status Channel number Edit

5.Edit device

← Edit Camera →

Name: PVR

UID: BZWYZN-030365-EBSYM

UserName: admin

Security Code: ●●●●●●

Firmware version: 2.1.1-20170608

Device model: PVR-2504NEJ

Channel Management >

Channel management

Edit the device's name, user name, password

Device's firmware version and model number


Edit page:

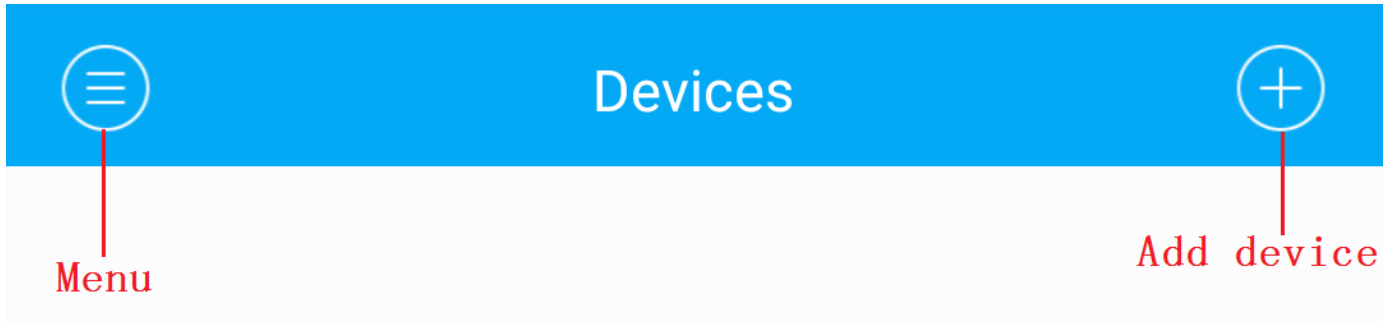
Name/User name/Password: all support edit again.

Firmware version/ device model No.: showing the device's software version and model No.

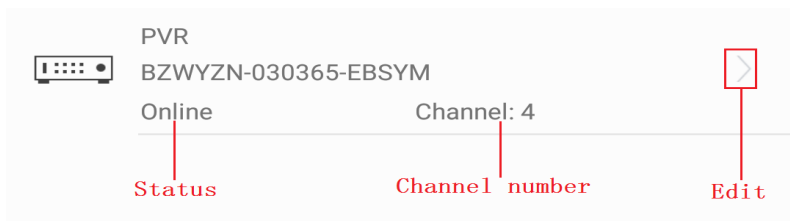
Channel management: Add/delete the channel of device. (The device needs to support this function, If it's IP camera, then it doesn't have this function.)

III、 PVR quick add IPC

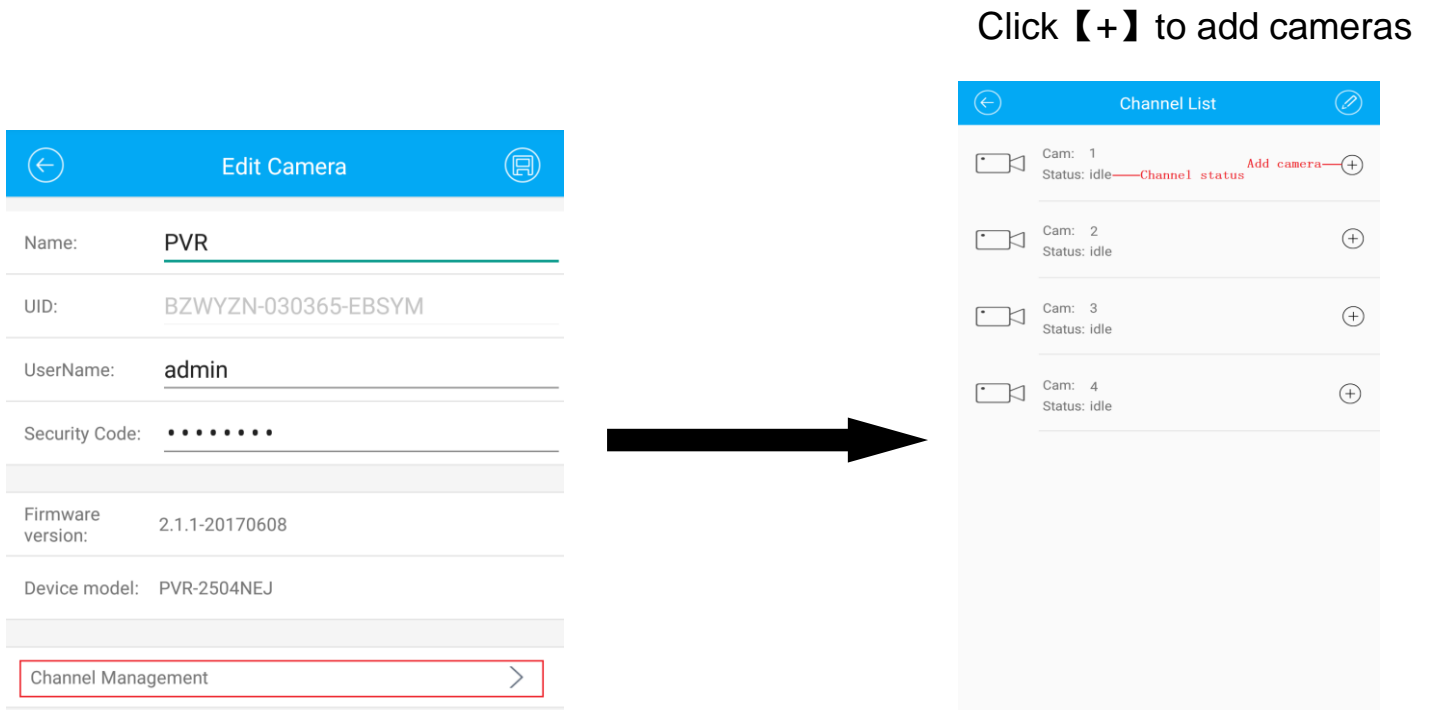
1. Open APP, click  in the upper-right to add device.



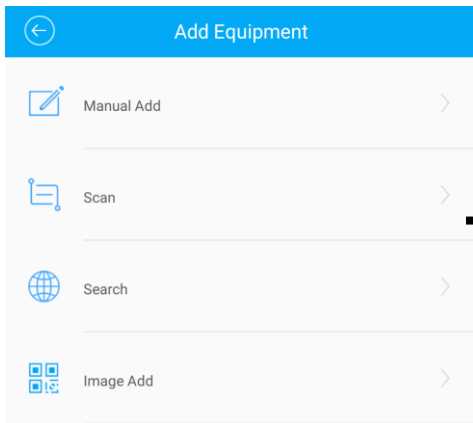
2. Device added successfully and show **【Online】** ,click **【Edit】** .



3. Click **【Channel management】** to enter into channel editing page.



Choose one way to add:



Name: Cam4

protocol: ZWP2P

DID: NZWYZP-142929-BFKNL

UserName: admin

Security Code:

Protocol:
TUTK: TUTK P2P
ZWP2P: Zowell P2P
P6S: Zowell local IP

User name and password: input camera's user name and password

Click the upper-right **【Save】**

After adding:

Device will show connected condition after adding, then you can add the next channel. Idle condition means no camera in the channel.

Protocol explanation :

ZWP2P : Zowell's P2P protocol, UID has 19 digits, two **[-]** in the middle, as picture channel 1.

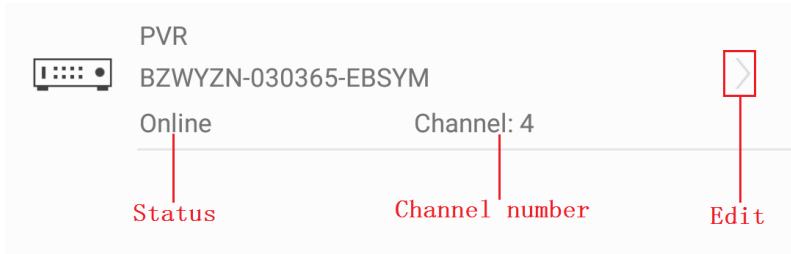
TUTK : TUTK's P2P protocol, UID has 20 digits, as picture channel 2.

P6S : Zowell's LAN IP protocol, type is 192.168.X.X, as picture channel 3.

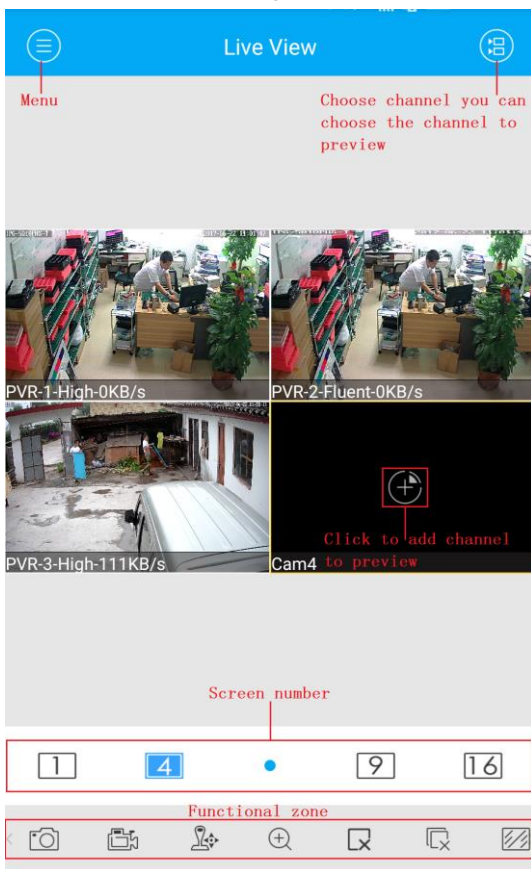
IV. Preview & Playback

1. Preview:

When device show **【Online】** condition, click it to preview directly.



Real-time preview pages:



Three preview modes:

1. Click device list page, will skip to **【Real-time preview】** to play.
2. Click **【Menu】** to enter into **【Real-time preview】**, click the upper-right . Choose channels to play.
3. Click **【Menu】** to enter into **【Real-time preview】** and click to choose the channel to play.

Split mode:

It support 1/4/9 image split, 16 is in developing.

Remark: when you open 8 channels and set 4 image split, so two screens will be divided, you can slide to switch. (Screen1 shows 1-4, screen2 shows 5-8.)

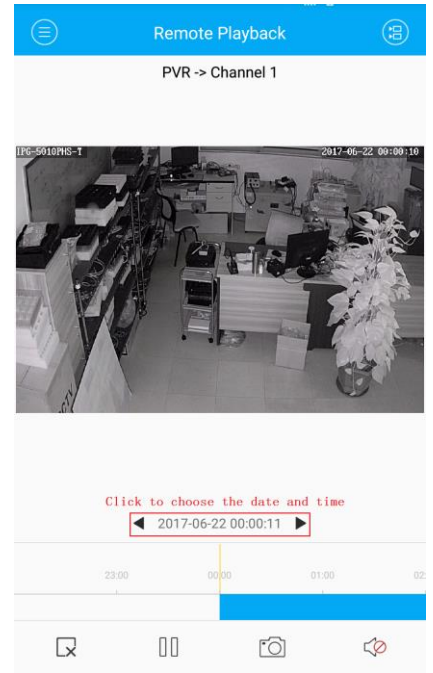
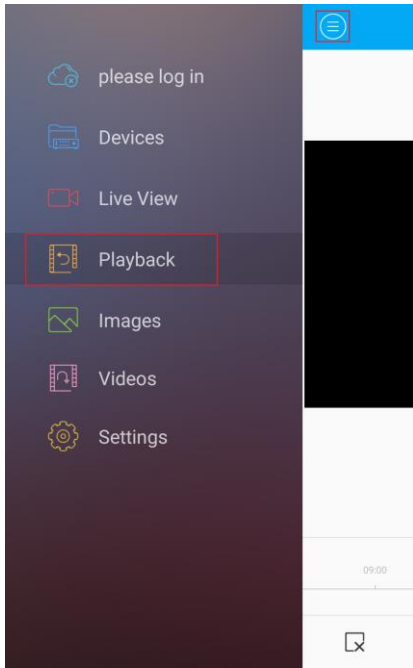
Function:

	Capture		Record
	PTZ		Zoom
	Close Checked		Close All
	Resolution		Audio switch

2. Playback:

Click the upper-right channel button or interscreen **【+】** to choose the channel which need to be playbacked. Click **【+】**, will popup device list, choose the channel you need.

Choose Remote Playback in menu.



V、Others

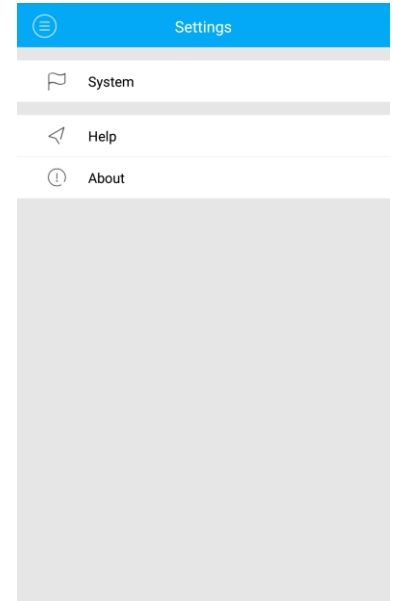
Image management:
All snapshots through
[Real-time
Preview]&[Remote Playback]



Video management:
All video through [Real-time Preview]
are saved here. **Remark: exterior
broadcaster is required for playing.**



System setting:
Check System Information and
Help Information. Take [Help] for
complete operation.



V Инструкция-подключение через ПО EasyVMS

EasyVMS User Manual

V2.0.0

1, Instruction

1.1 Instruction

EasyVMS provides preview/playback/video services for small and medium network of IP camera Manager. This manual may contain technically Incompletes, and its contents will be regularly updated without notice; the updated contents will be added in the new version of the user manual. We will improve or update the products described in this manual at any time.

Specification

Support P2P device addition and management

Simplify for CMS system, convenient to operate, Without AD.

centralized manage user, Error management, system maintenance and TOP navigation

Provide streaming media distribution function

Provide streaming media storage and playback, monitor playback connection status, and provide relevant status notification

Operation System environment

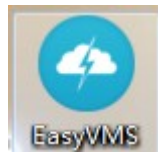
OS: Microsoft Windows XP sp1 or above

CPU: Intel Pentium IV 2.4 GHz or above

Memory: 1G memory or above

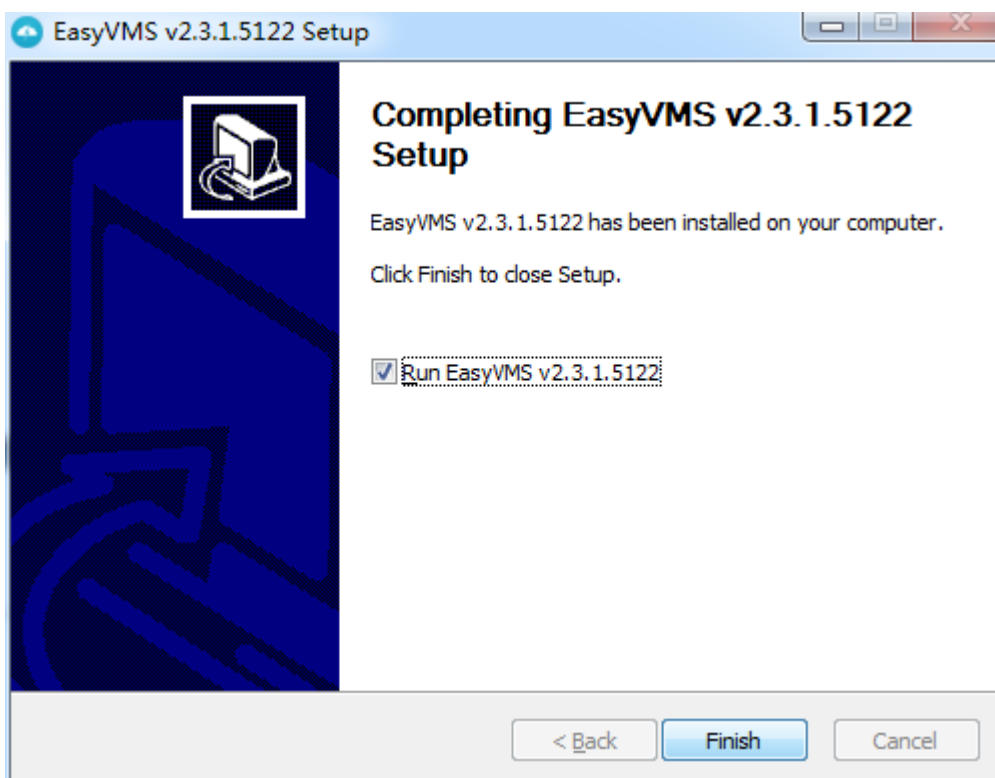
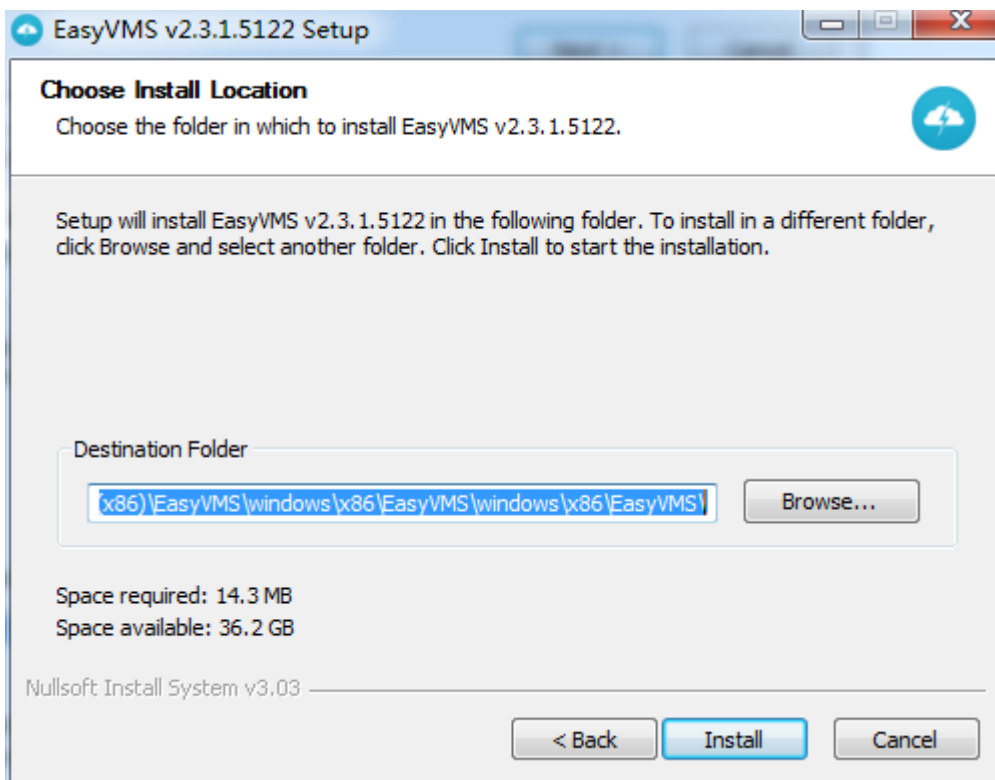
2,Installation and OperationInstallation

2.1. EasyVMS installation



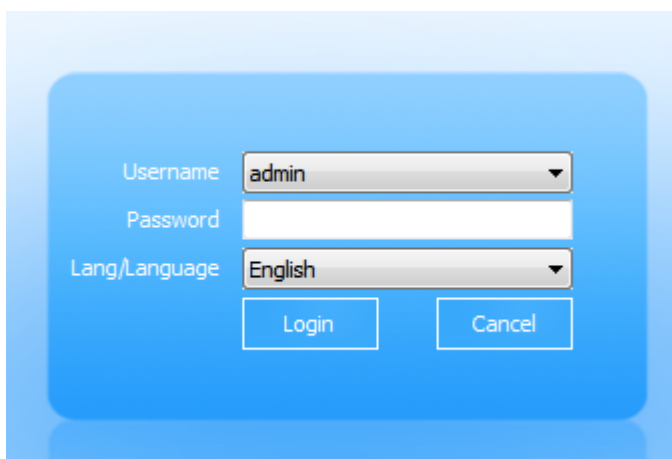
Search the file in the software directory  , Run the software, it will step for Installation.







After finishing the installation, press the program of ICON, then you can run the EasyVMS and login the system.

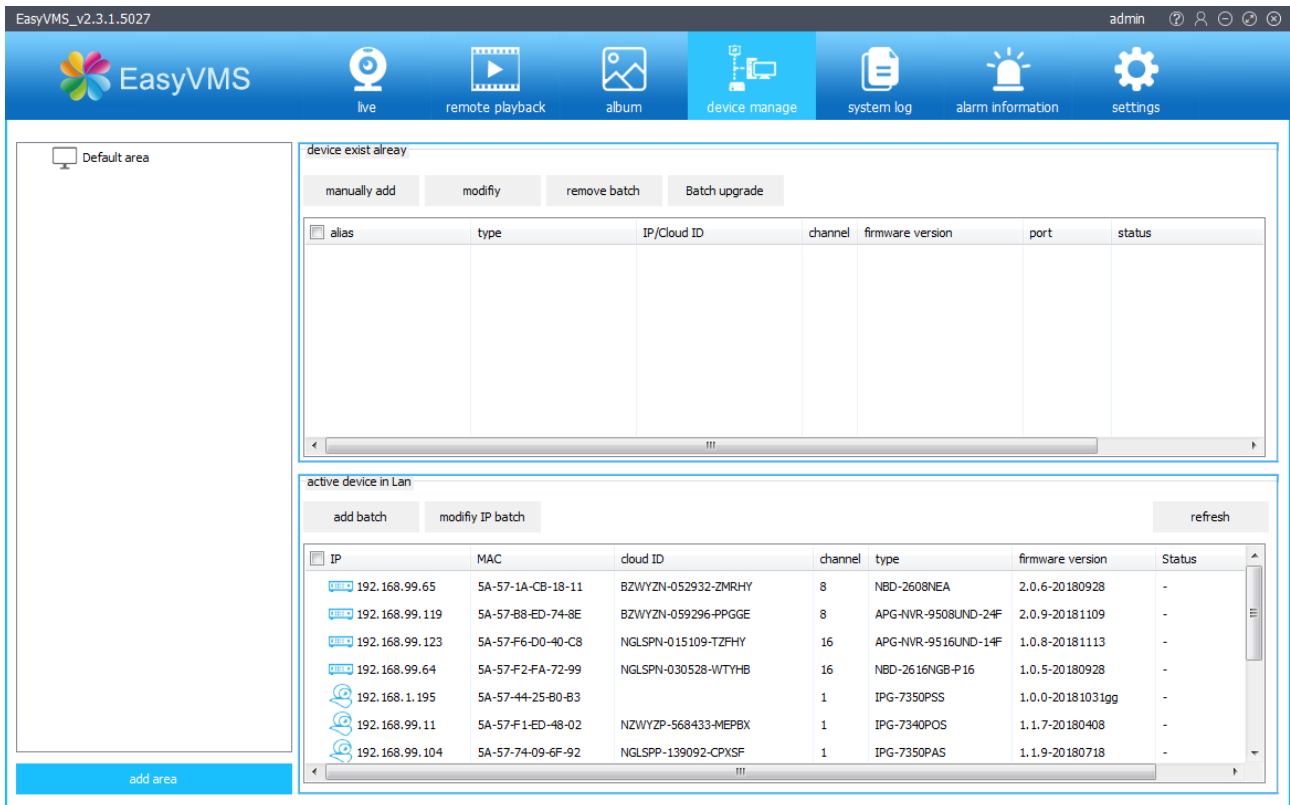


Username is admin, Password is empty

Interface and Function

2.2. Interface for introduction

Run the CMS software EasyVMS, you can see the follow picture.



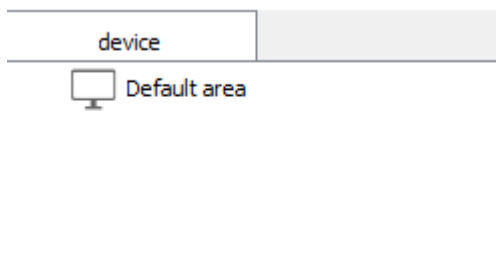
There are Live, Remote, Playback, Album, Device Manage, System Log, Alarm Information, Setting main functions. Press the button, it will change to Sub functions. The left area is device navigation, the right area is video screen, the upper right corner is help, logout, minimize, maximize, close buttons.

2.3 Device Manage

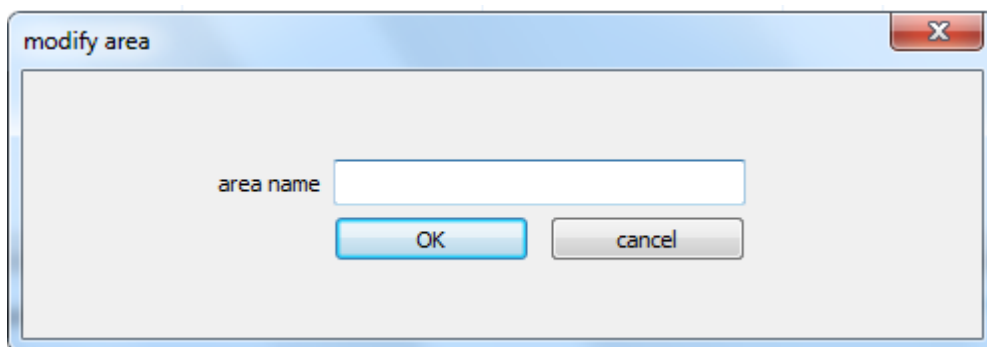
Click the device manage button to enter the device manage page, there are add, modify, delete operations for area and device.

2.3.1 Area Configuration

Manage device in area, Add area

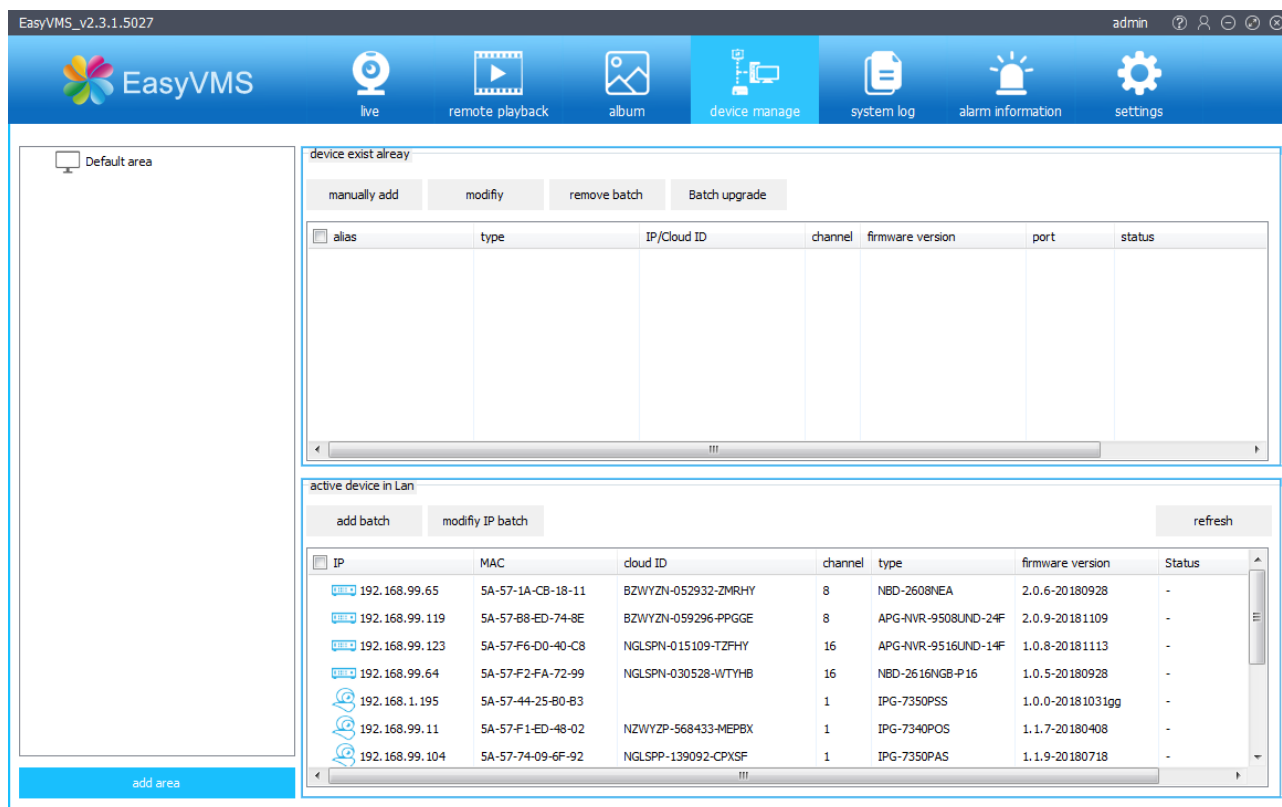


Also can press right key for custom new area.

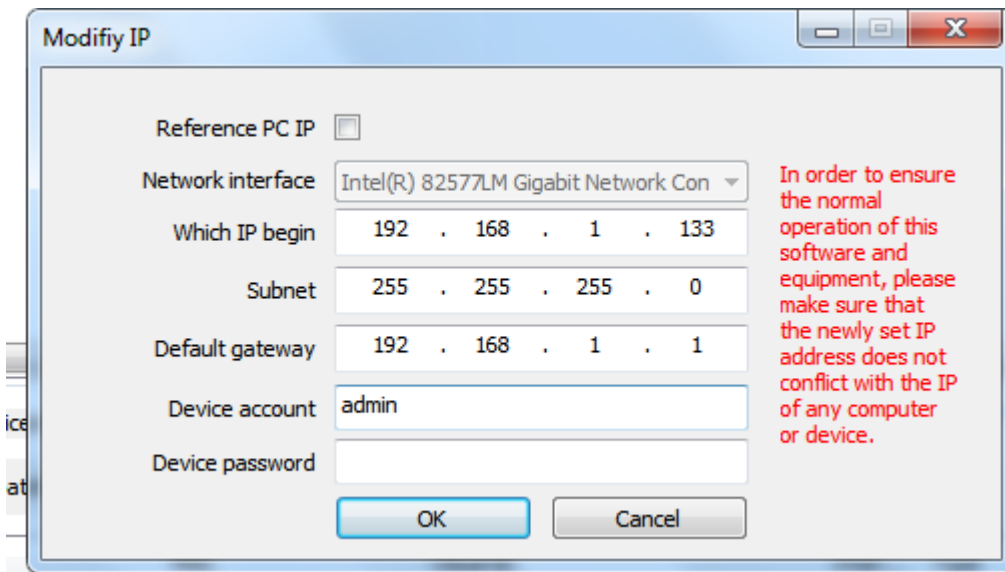


2.3.2 Device Add, Modify, Delete

Click the Refresh button for search device.



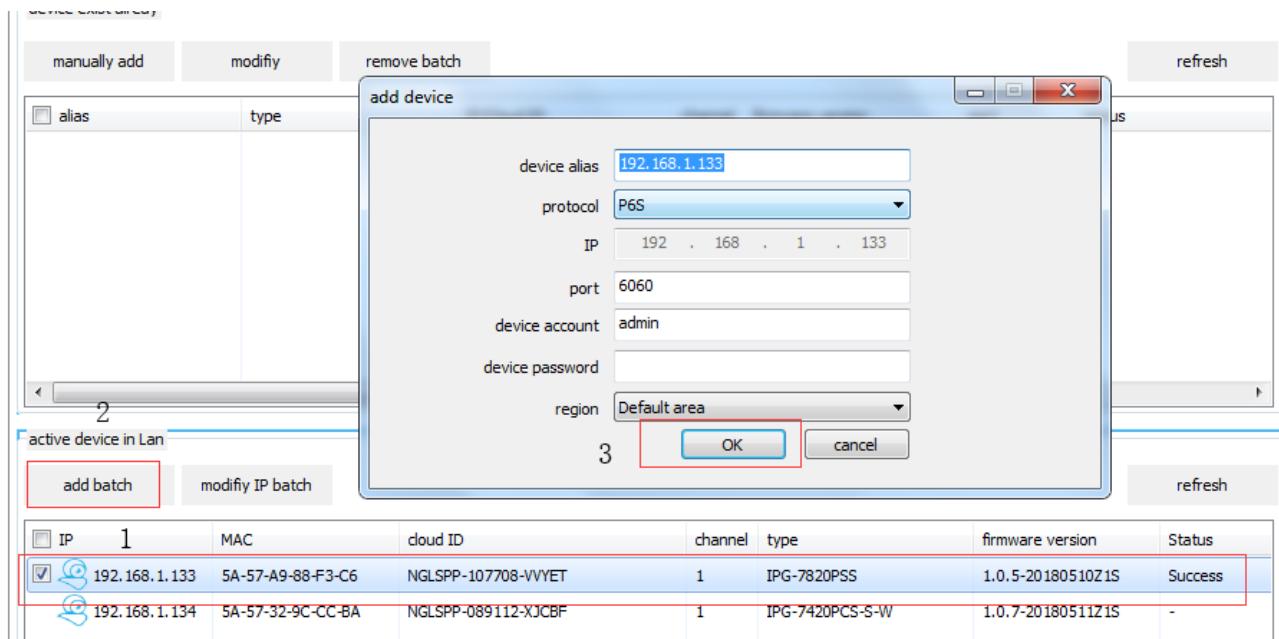
Click the camera IP address and show “modify IP” dialog box to change the new IP address of camera.



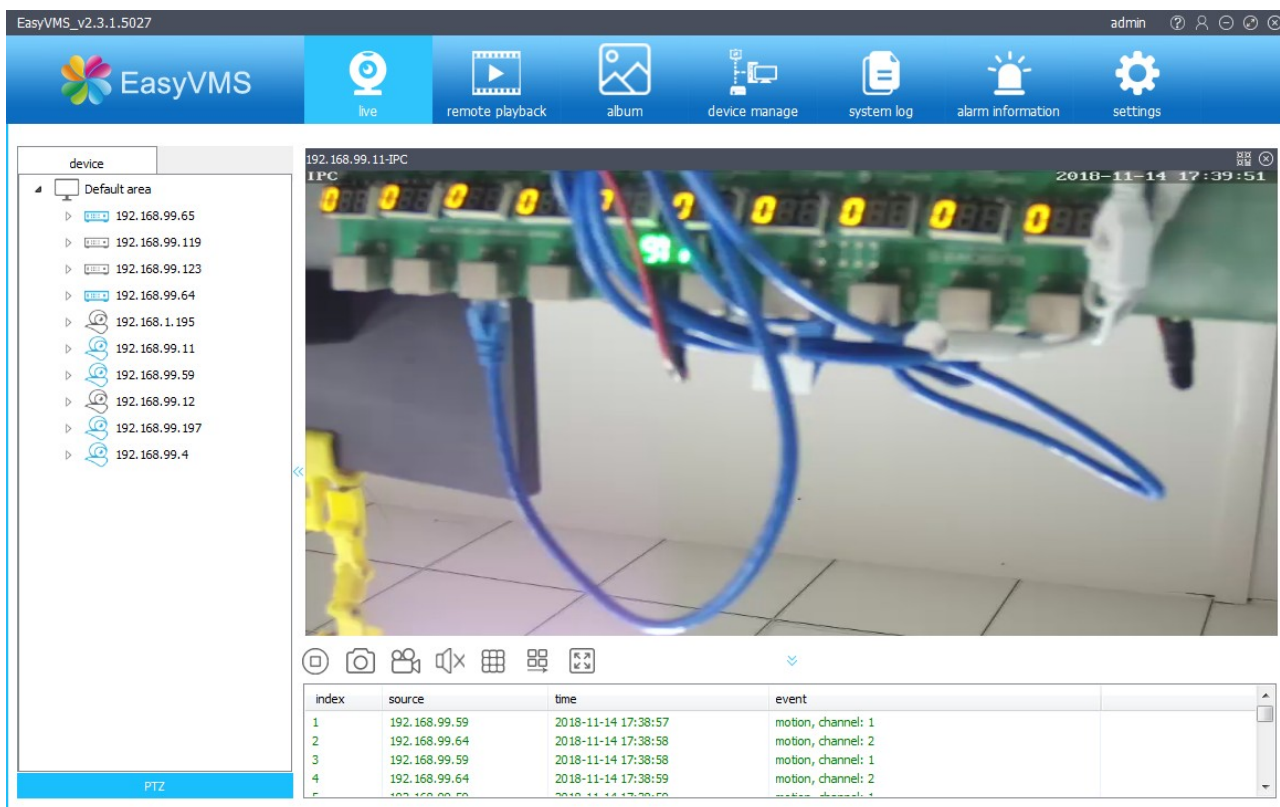
If you want easy, you can choose “Reference PC IP”, so it will default the IP address for your camera.

You also can manually fill the IP address on it. username: admin, password: empty (no password)

After press “OK” button, save address and refresh IP.

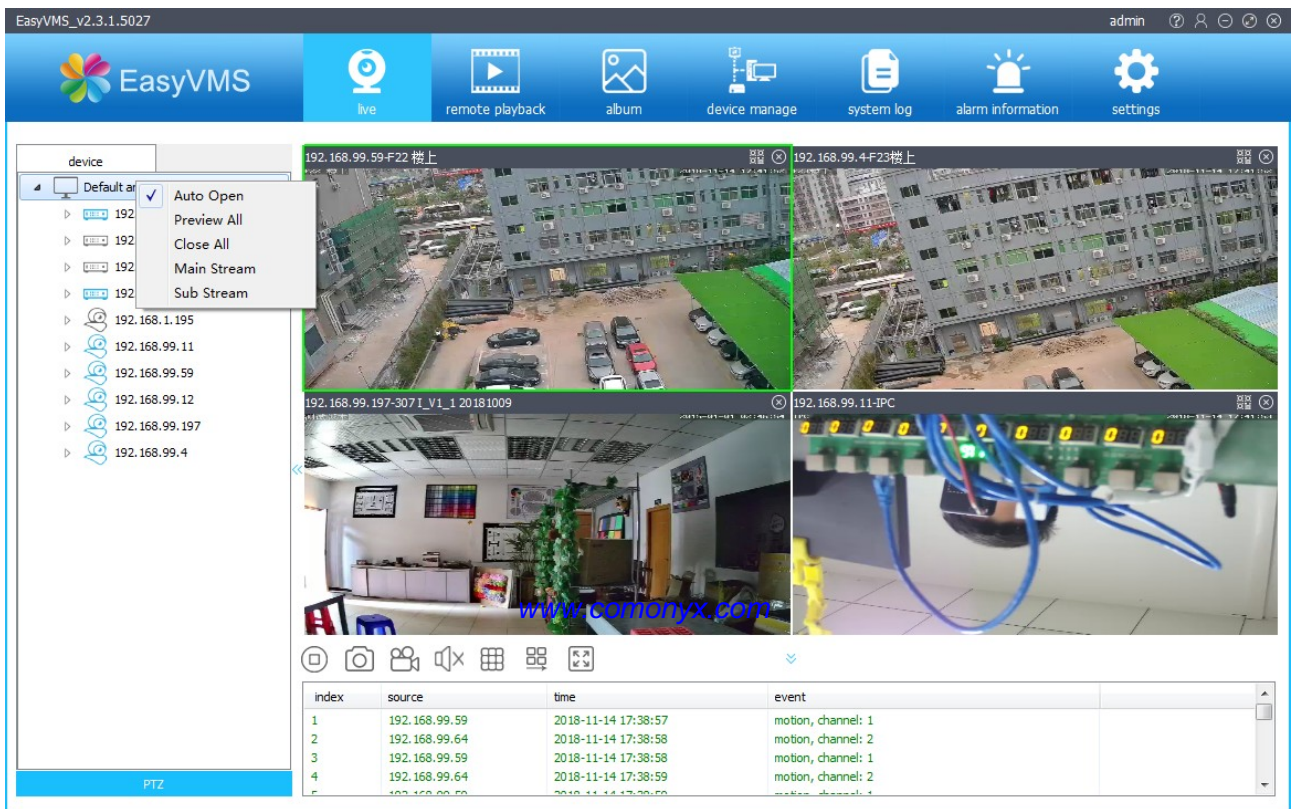


Press Live function, you see the preview.



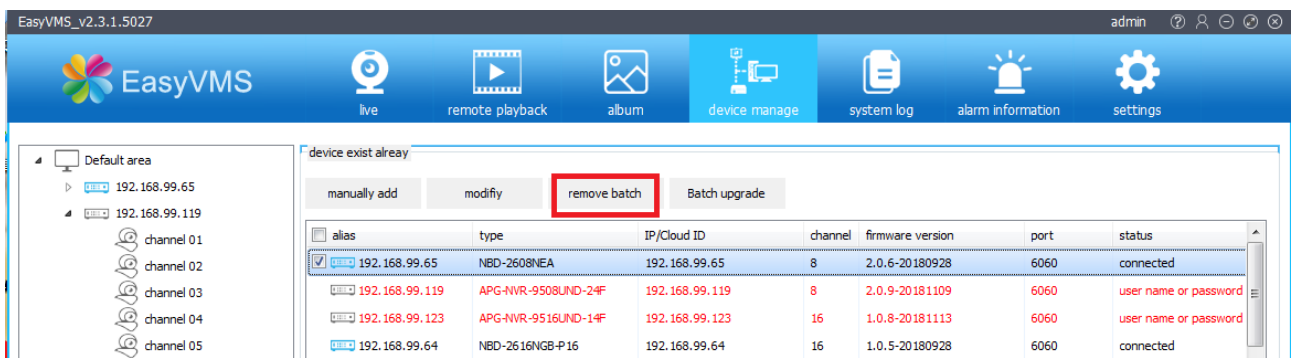
Double click the left camera IP address, you can see the video on the right screen.

If you want to add more devices, you can choose “Device”> Default area(right key) Choose “Auto Open”/“Open by Area” to pen all channels.



Delete Device:

On the device listing, you can choose one or more device to delete. Just press Remove batch.



2.3.4 Device Control

Device control have function include: Time synchronization, device restart, clean alarm Etc

Time synchronization:

Device manage> added device, Choose the device, Press Time synchronization button, then the device and the PC will keep same time.

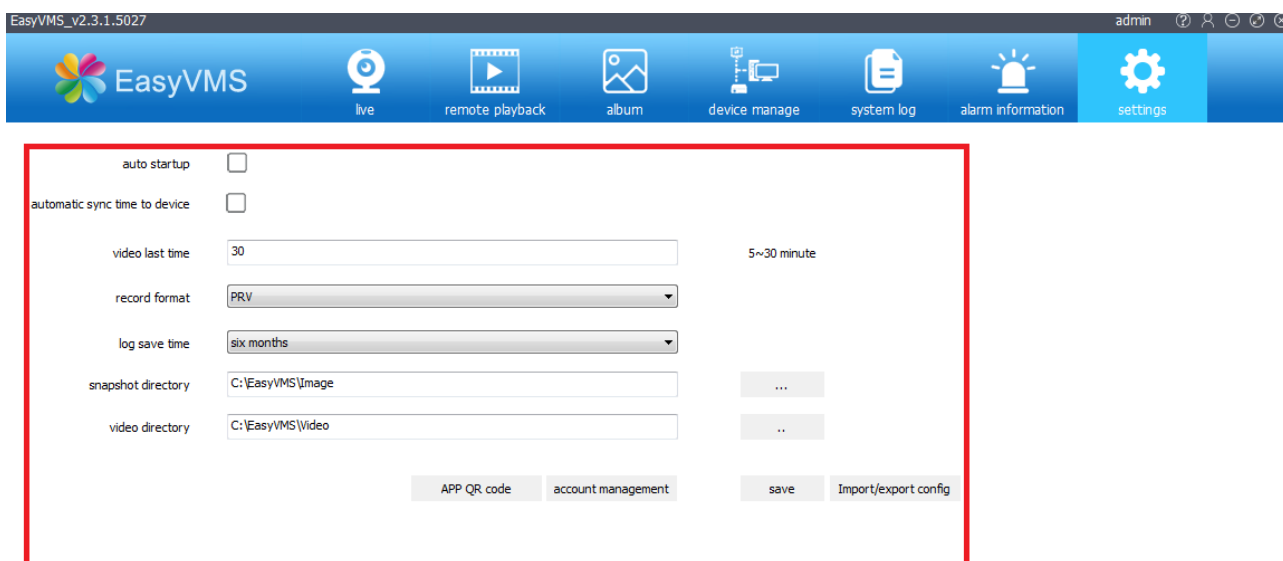
The screenshot shows the EasyVMS web interface. The top navigation bar includes icons for 'live', 'remote playback', 'album', 'device manage', 'system log', 'alarm information', and 'settings'. The main content area is titled 'device exist already' and contains a table of devices. A context menu is open over the device with IP 192.168.1.195, showing options: Remote Config, Time Synchronization, Clear Alarm, and QR Code.

alias	type	IP/Cloud ID	channel	firmware version	port	status
192.168.99.65	NBD-2608NEA	192.168.99.65	8	2.0.6-20180928	6060	connected
192.168.99.119	APG-NVR-9508UND-24F	192.168.99.119	8	2.0.9-20181109	6060	user name or password
192.168.99.123	APG-NVR-9516UND-14F	192.168.99.123	16	1.0.8-20181113	6060	user name or password
192.168.99.64	NBD-2616NGB-P16	192.168.99.64	16	1.0.5-20180928	6060	connected
192.168.1.195	IPG-7350PSS	192.168.1.195	1	1.0.0-20181031gg	6060	connect exception
192.168.99.11	IPG-7340POS	192.168.99.11	1	1.0.0-20180408	6060	connected
192.168.99.59	IPG-7820PHS	192.168.99.59	1	1.0.0-20180925Z1S	6060	connected

You also can choose “Remote config” and “Clear Alarm” at the same time.

2.3.1, System Configuration

Press “Settings” for System Configuration



1, Support setting auto start running EasyVMS, Choose **【auto startup】** button and save.

Then it will auto run in next restart computer.

2, Support Setting auto Proofreading interval time, Choose **【automatic sync time to device】** button, input the time (like: 120), and save it, then it will proofreading interval time after 2hours.

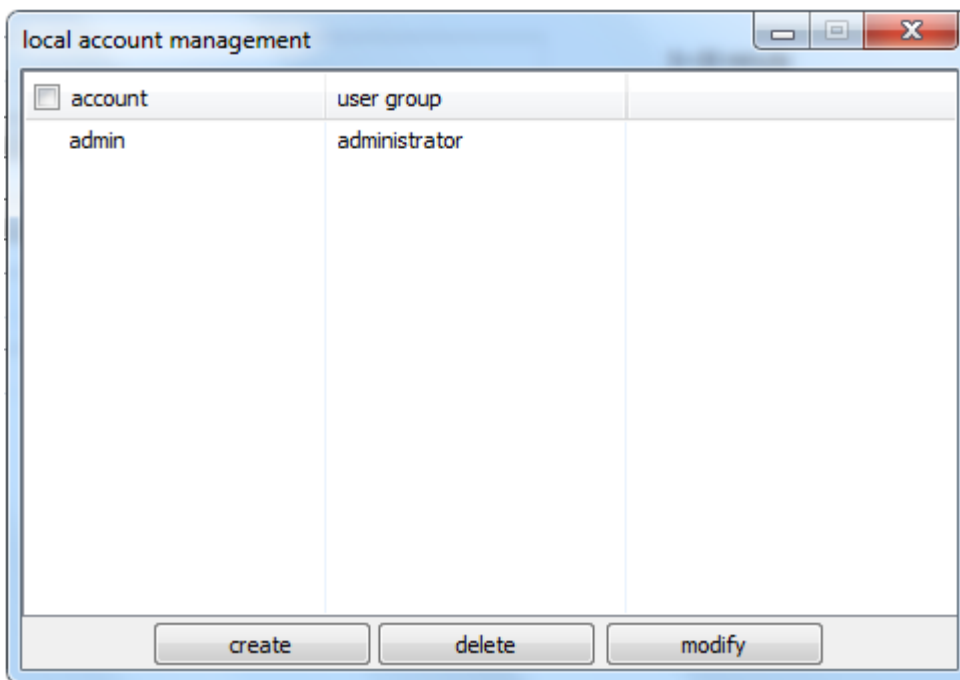
3, Support Setting duration of local recording, Choose the dialog box of the duration and input the number (like 30), then it will record half hour one file.

4, you can set save time of the log file.

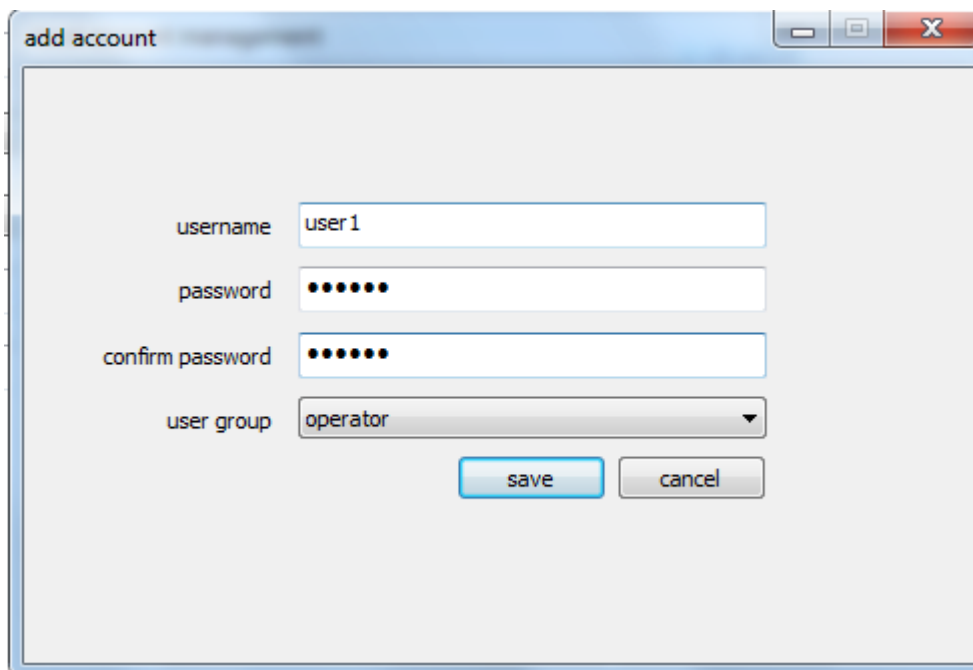
5, Setting the Snapshot and recording save path, Press **...** choose the path, like (G:\ EasyVMS \Image/ G:\ EasyVMS \Video) . After save, the snapshot path is G:\ EasyVMS \Image, Recording path is G:\ EasyVMS \Video.

Account Management: Login to system setting, you can manage local account for operation, include Create Administrator, Create Guest, Change password, Delete device and more.

Press **【account management】** button, Press **【Create】**, input new user name, password, and user group.



After save the operation, the group will see a user1 in the list.



Press **【Account Management】** button, choose operation user name is user1, Press **【Delete】**, then the create user account will delete.

The authority have three level for user:

Administrator: Administrator authority can arrange device and user, live, playback, search log, change password, switching user, exit CMS.

Operator: Live video, playback recording, search Log, switching user, change password.

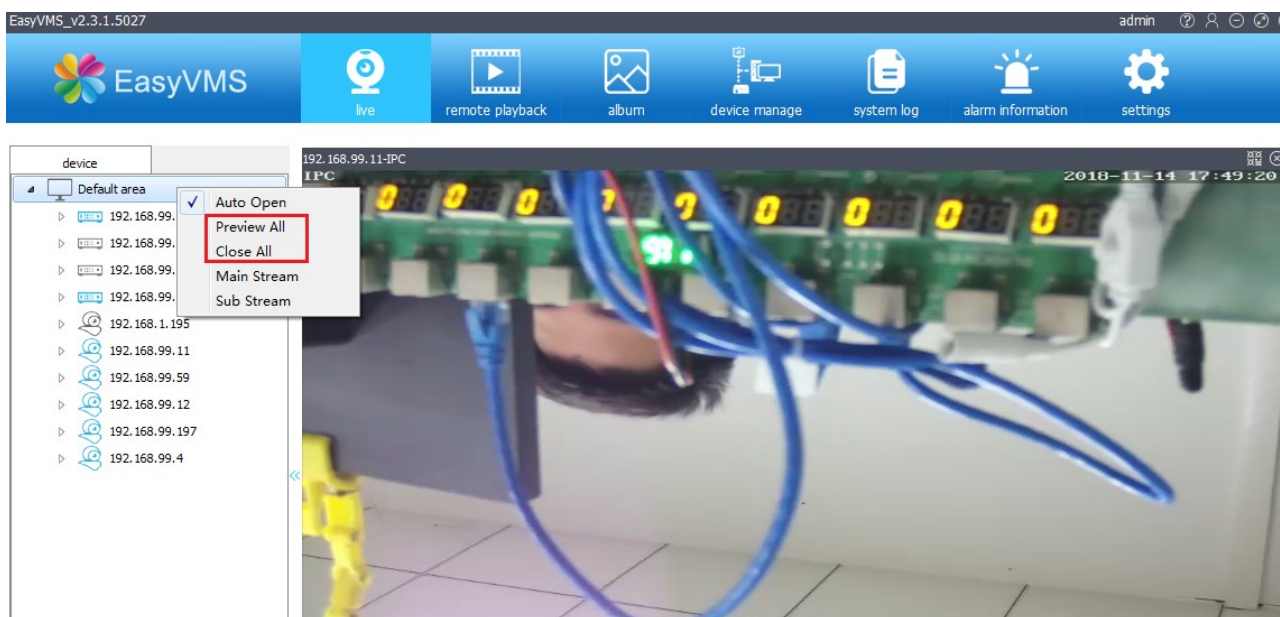
Guest user: Live video, switch user, change password.

2.5, Live Preview

2.5.1. Live Preview

Double Click Device name on left side, you can preview the device video on right side for screen.

Close the single preview, press right key of the device, you will see listing, press “Close live” for close the device preview.




on left side, press device right key, you can choose function Auto Open, Open by Area, Close by Area.


2.5.2. Preview Control


There have some function button on the preview.




Icon  close full channels of preview.

Icon  snapshot. capture picture to local to save.

Icon  close full channels recording.

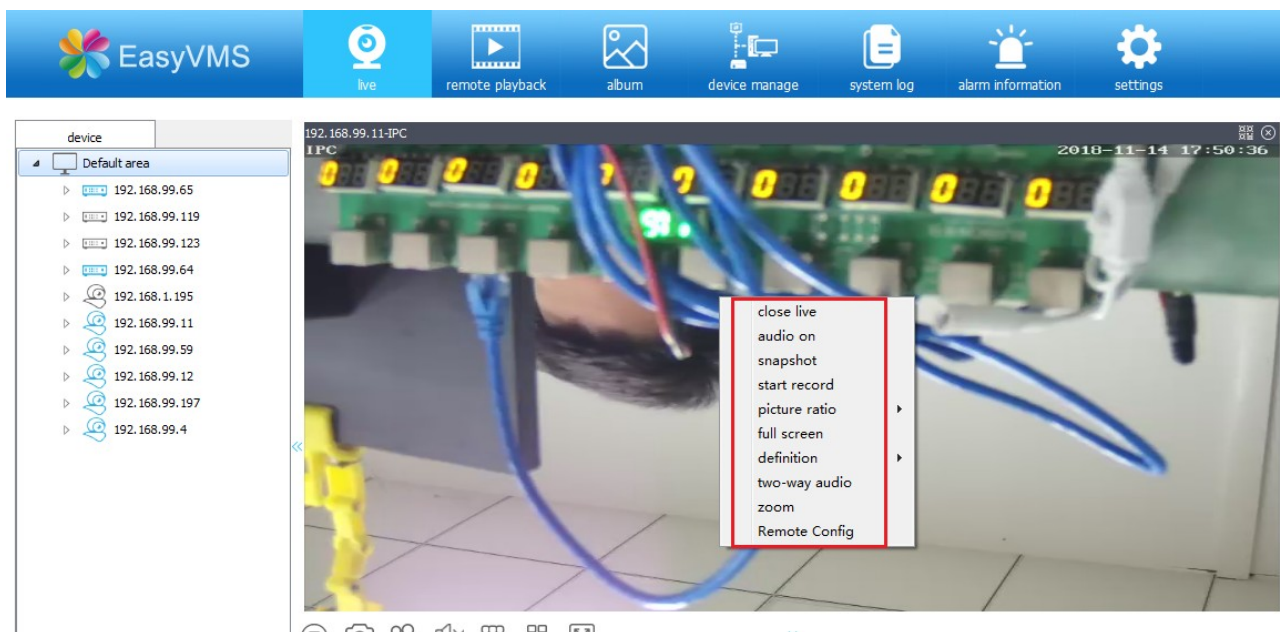
Icon  close full channels audio.

Icon  set multiple video on screen. can set 1/4/9/16/25/36/64 channel video for preview

Icon  make video to full screen. press it make full screen, press ESC exit it.

2.5.3. Channel right key control menu

For the preview, choose a channel for right key, it show the menu.



Press **【close live】** Button, close the channel preview。

Press **【audio on】** Button, open the channel audio.

Press **【snapshot】** Button, snapshot picture of the channel save to local.

Press **【start record】** Button, recording video of the channel save to local.

Press **【picture ratio】** Button, setting preview video size.

Press **【full screen】** Button, make the preview video of the channel to full screen.

Press **【definition】** Button, setting the channel video quality (main stream/ sub stream, only use for p2p)

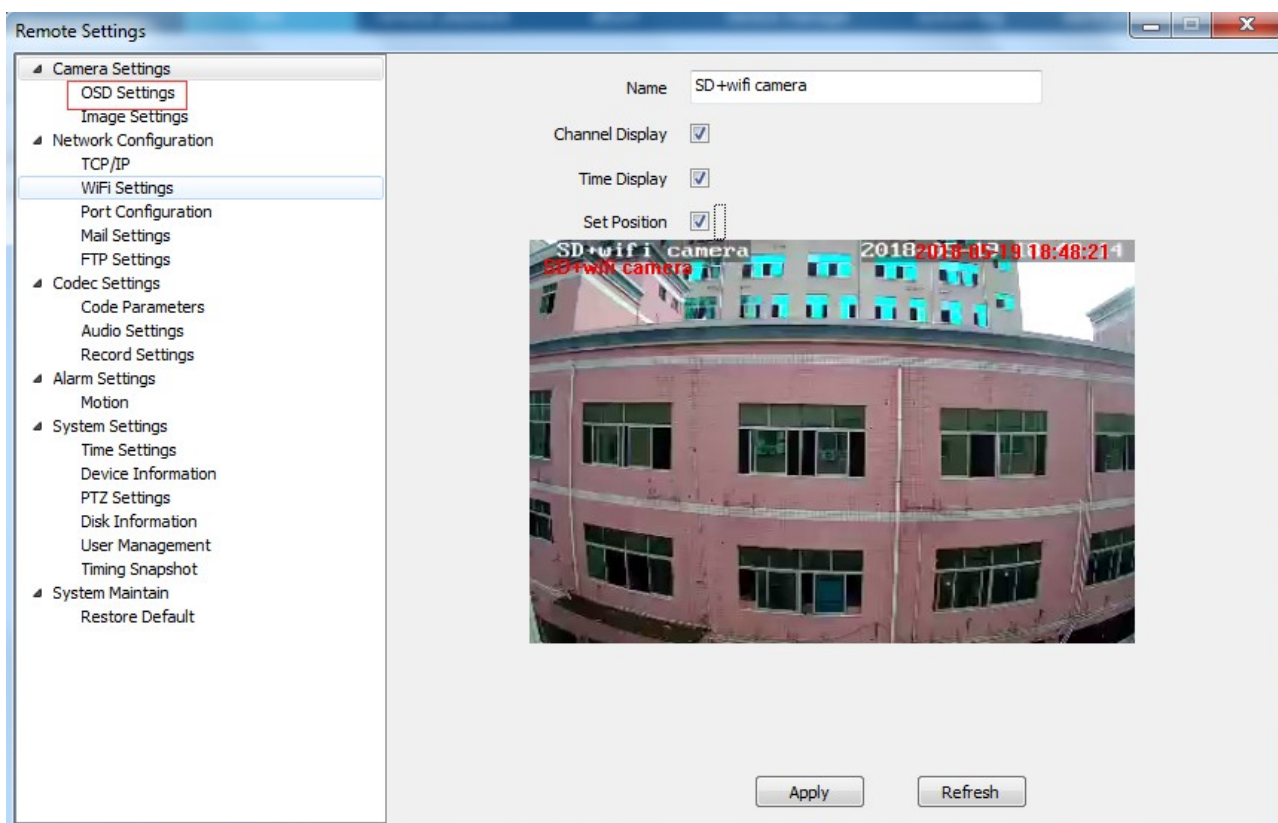
Press **【zoom】** Button, digital zoom for this channel.

Press **【Remote config】** ,Configure remote camera parameters.

2.5.4, Remote Config

2.5.4.1, Camera settings

A, Channel Name, edit the channel name and Channel Display, Time display, Set position



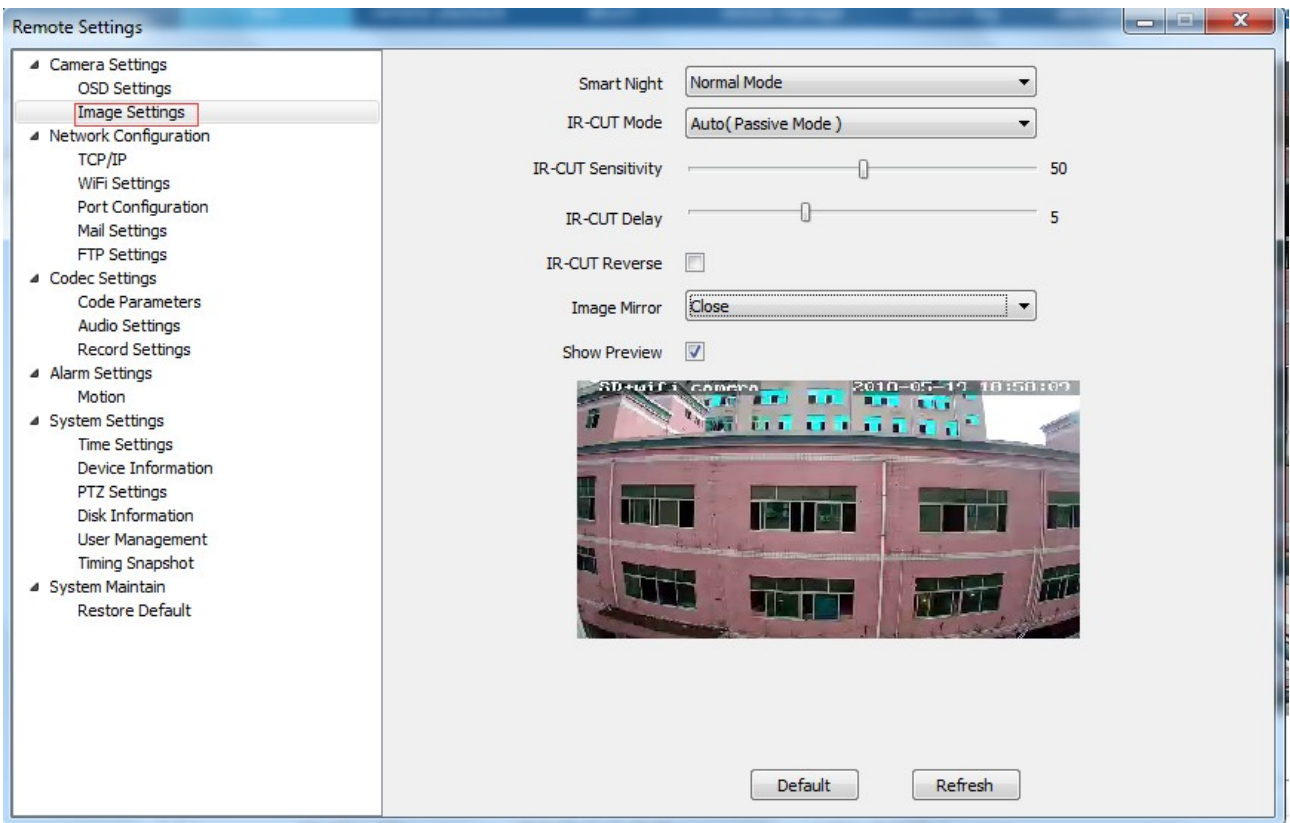
B, Setting parameter of camera video.

Smart Night: Normal Mode.

IR-CUT mode: auto (Passive mode), Day/Night, Auto (Active mode)

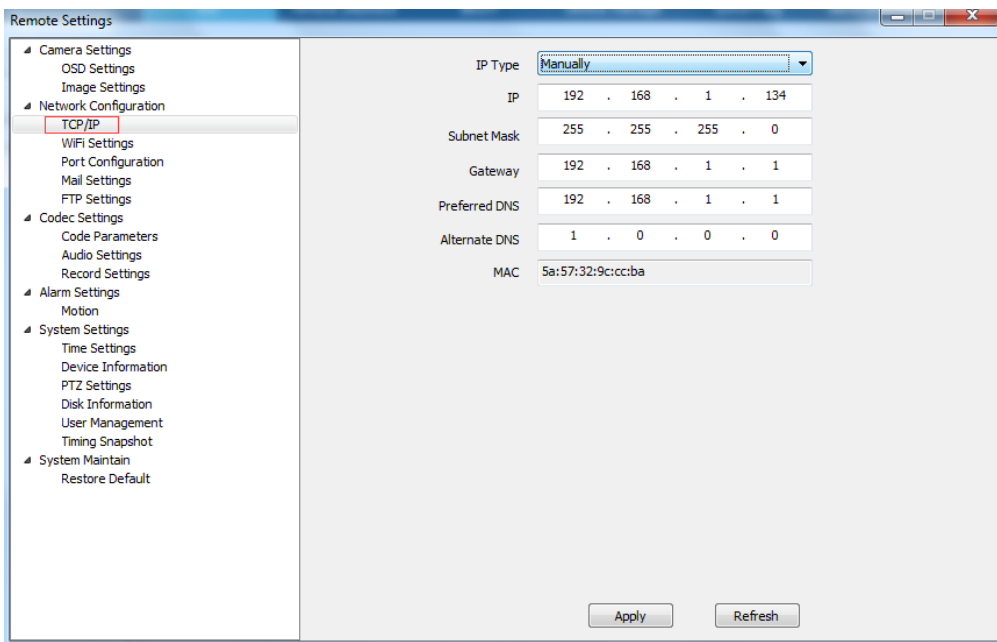
IR-CUT Sensitivity: 0-50(The higher the number, the higher the sensitivity.)

Image Mirror: close, Flip horizontal ,FlipVertical, Flip Center

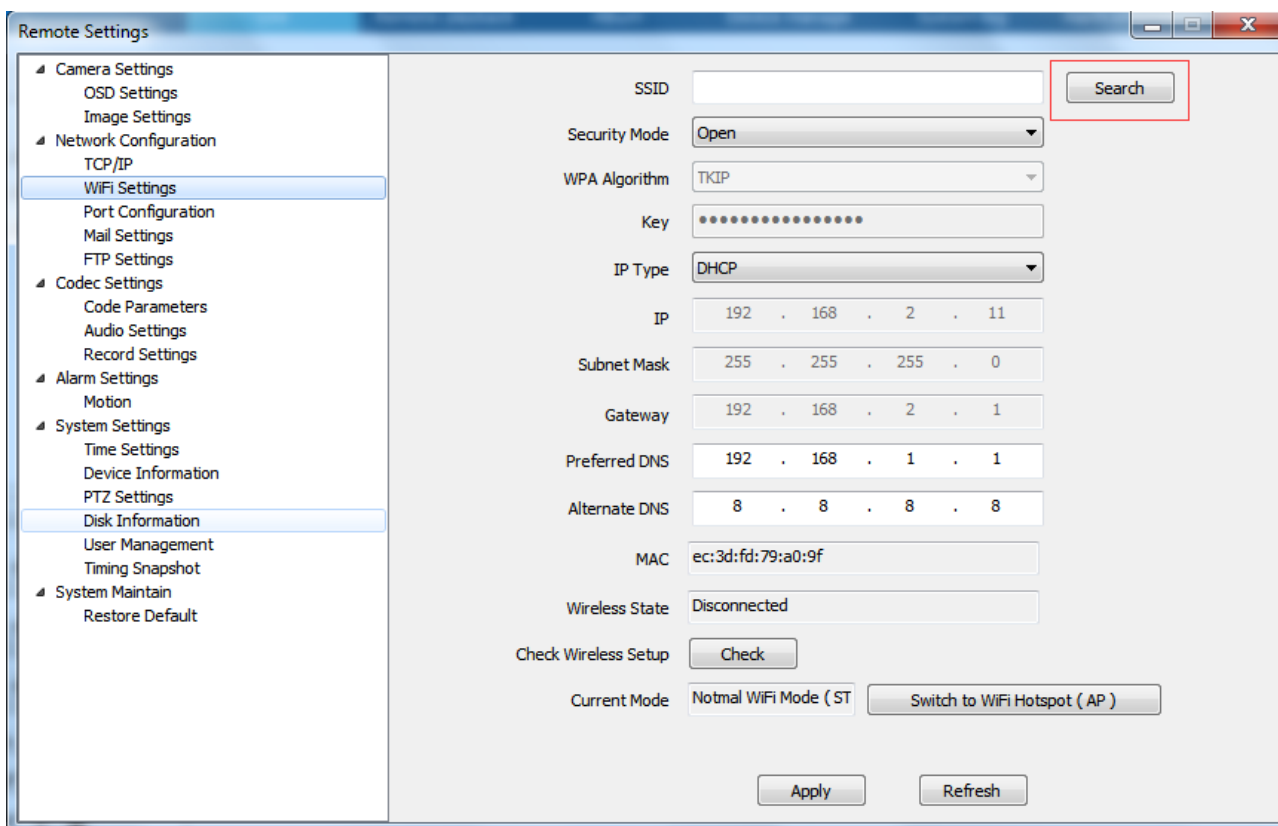


2.5.4.2, Network configuration

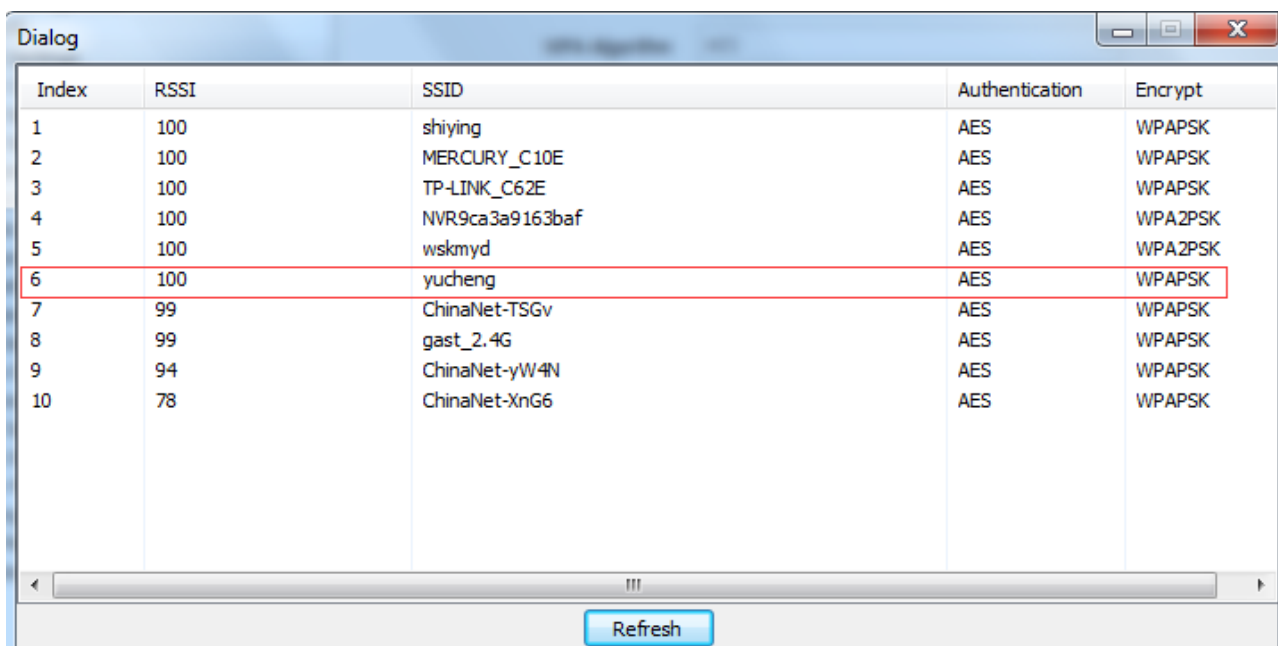
A, TCP/IP Settings: You can choose the IP address type, manually or DHCP mode, and Modify the IP address parameters.



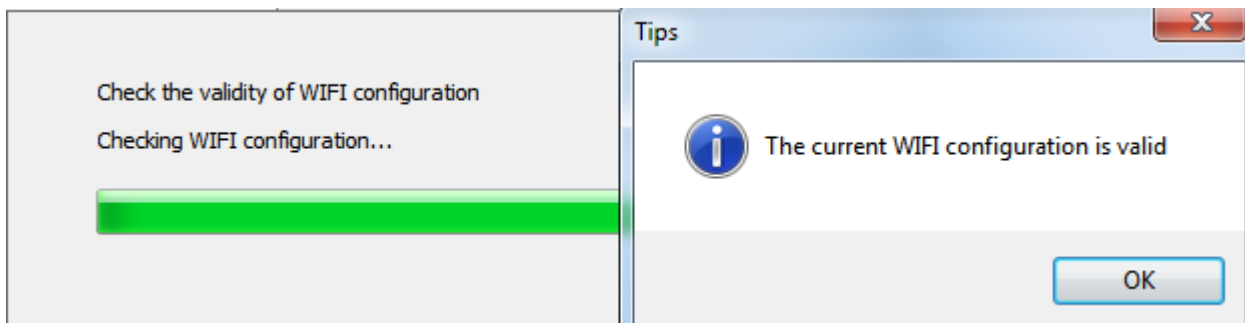
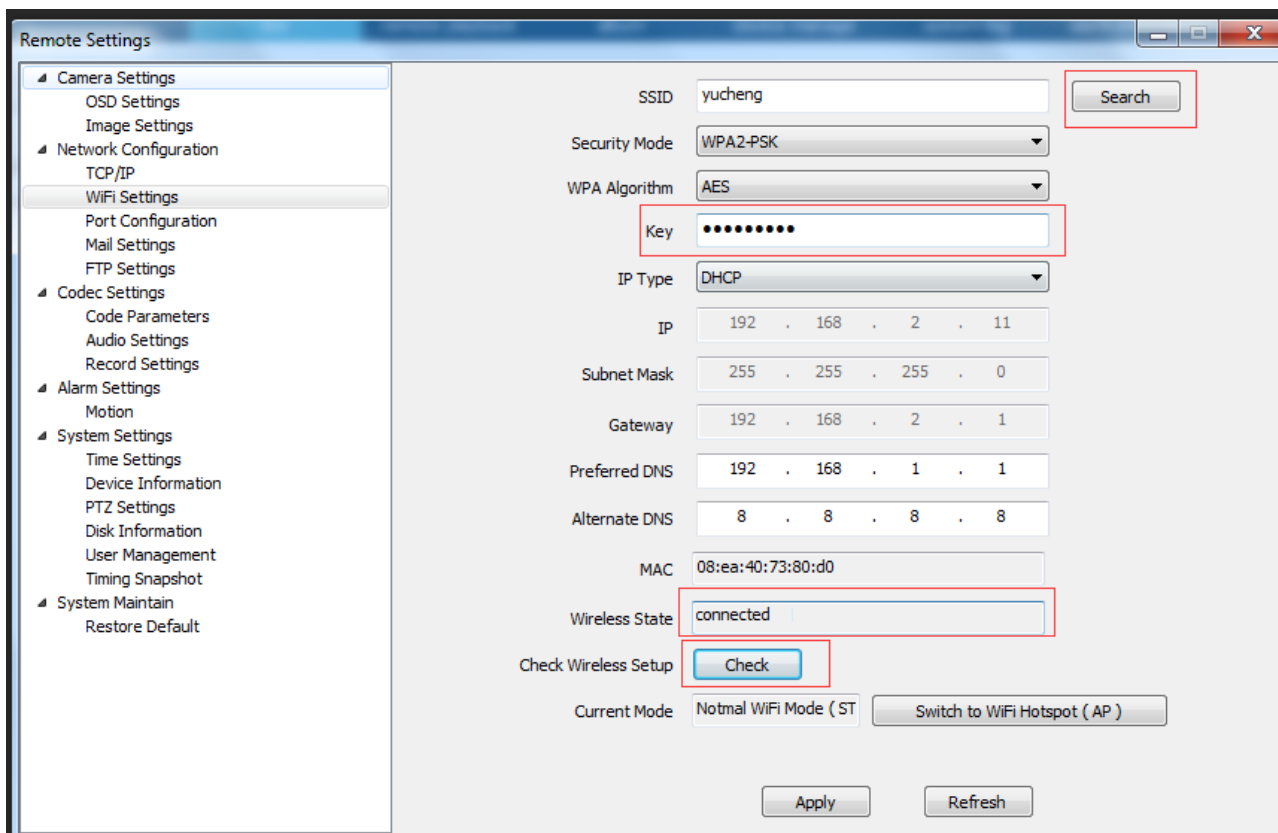
B, WIFI settings: If you use the camera for the first time, and your camera connect to your router through Ethernet cable, please Click “Search” for add your WIFI setting



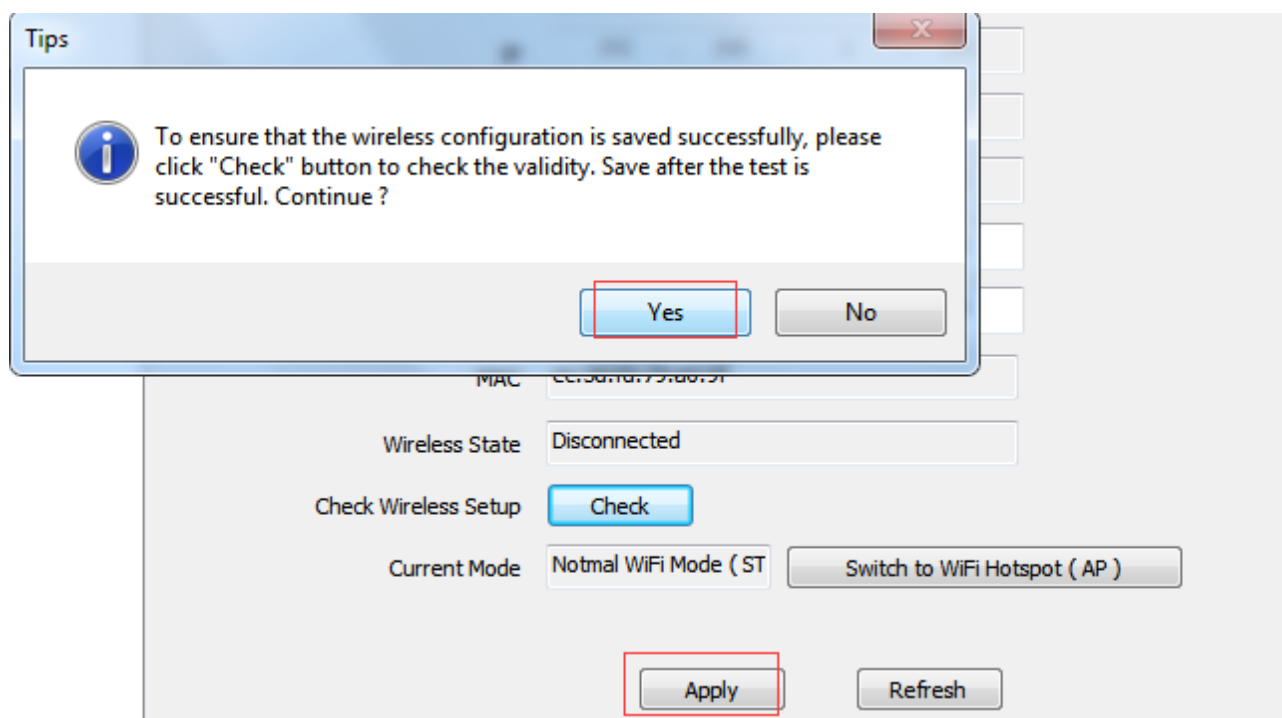
Choose your wireless router WIFI SSID



Input KEY and Check, system will auto check the Wi-Fi details, if successful, please click the app, connect to WIFI.



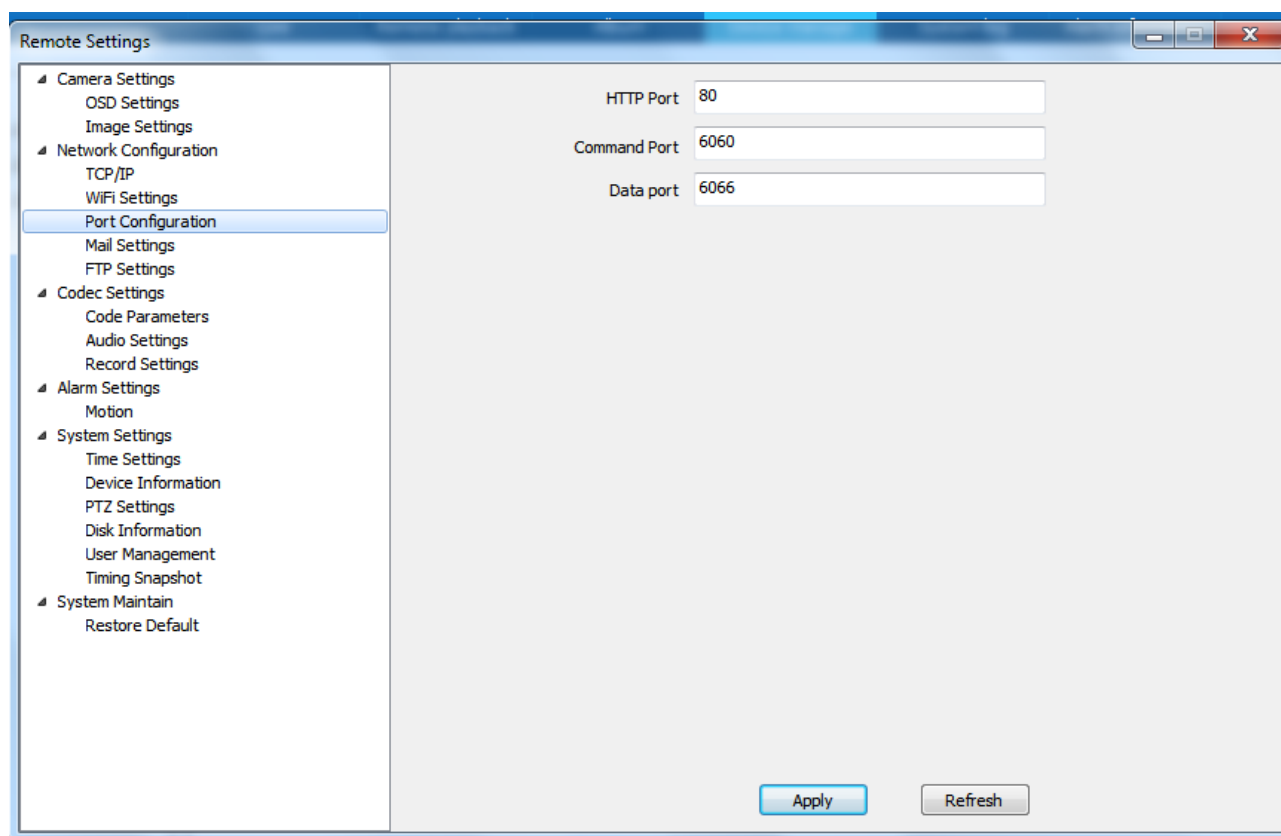
Setting WIFI successful, Now you can disconnect wired Ethernet cable. And click “apply”



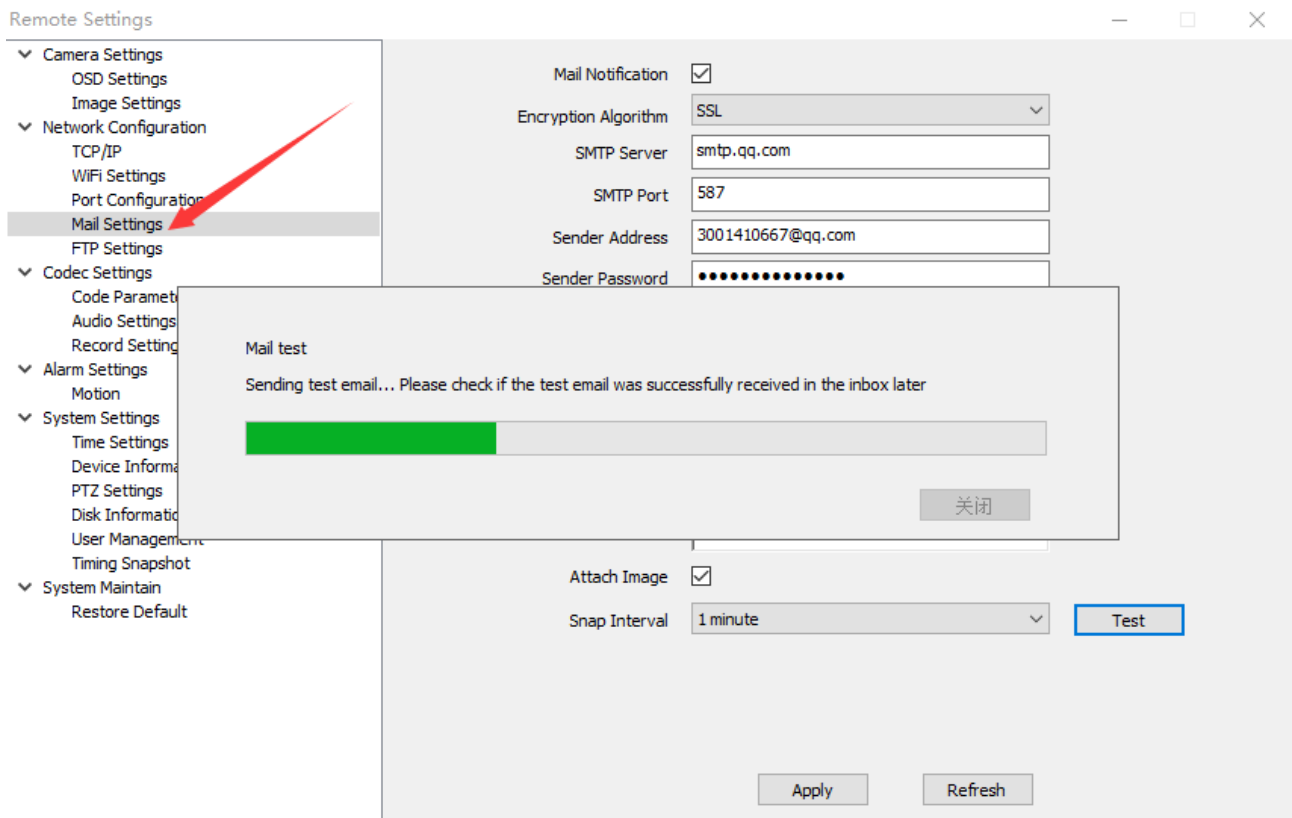
Then Research your camera, at which point you search and add a camera for WIFI connections

Port Configuration:

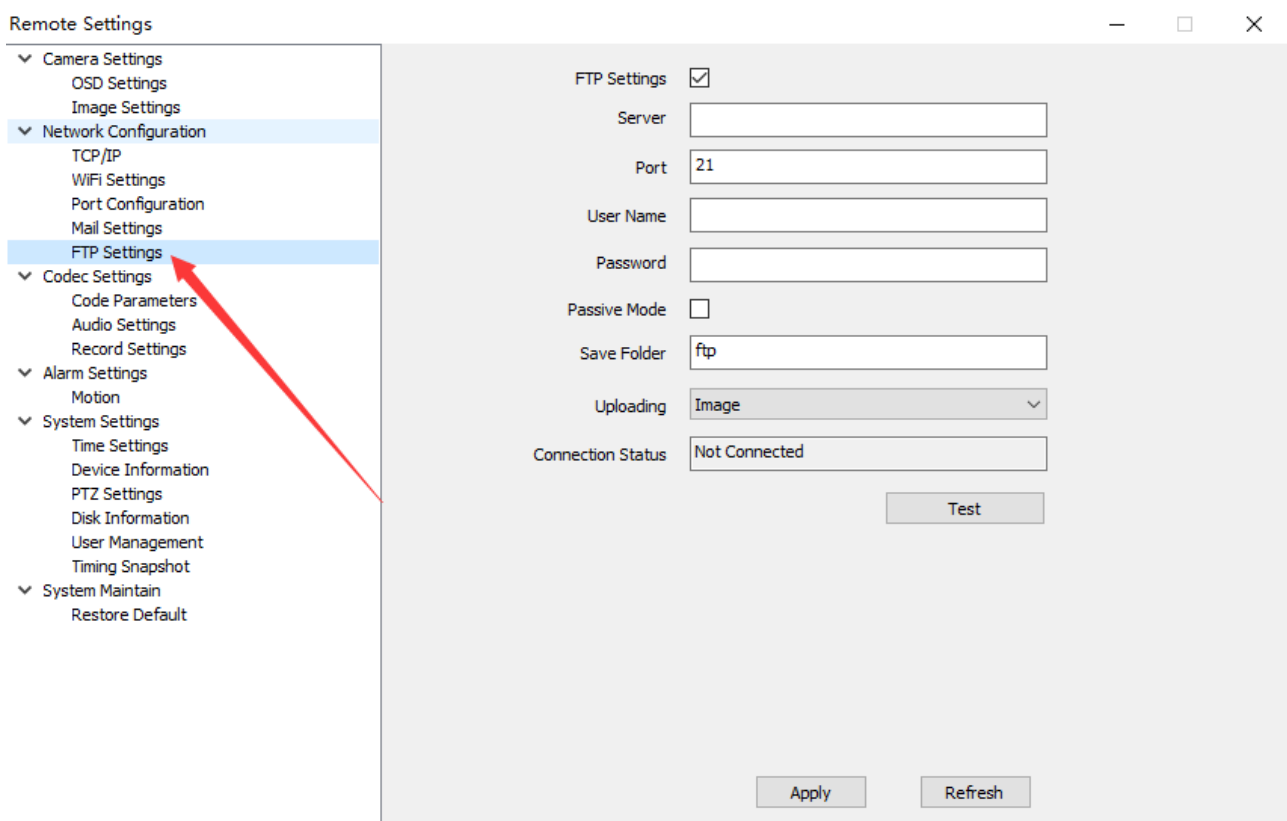
C,Port Setting, HTTP/ After the signaling/data port is modified in the corresponding access software, it is necessary to manually add the modified port number, otherwise it cannot be accessed effectively (non-professionals do not recommend modifying it to avoid adding devices)



D, Email Setting: Enable and configure.



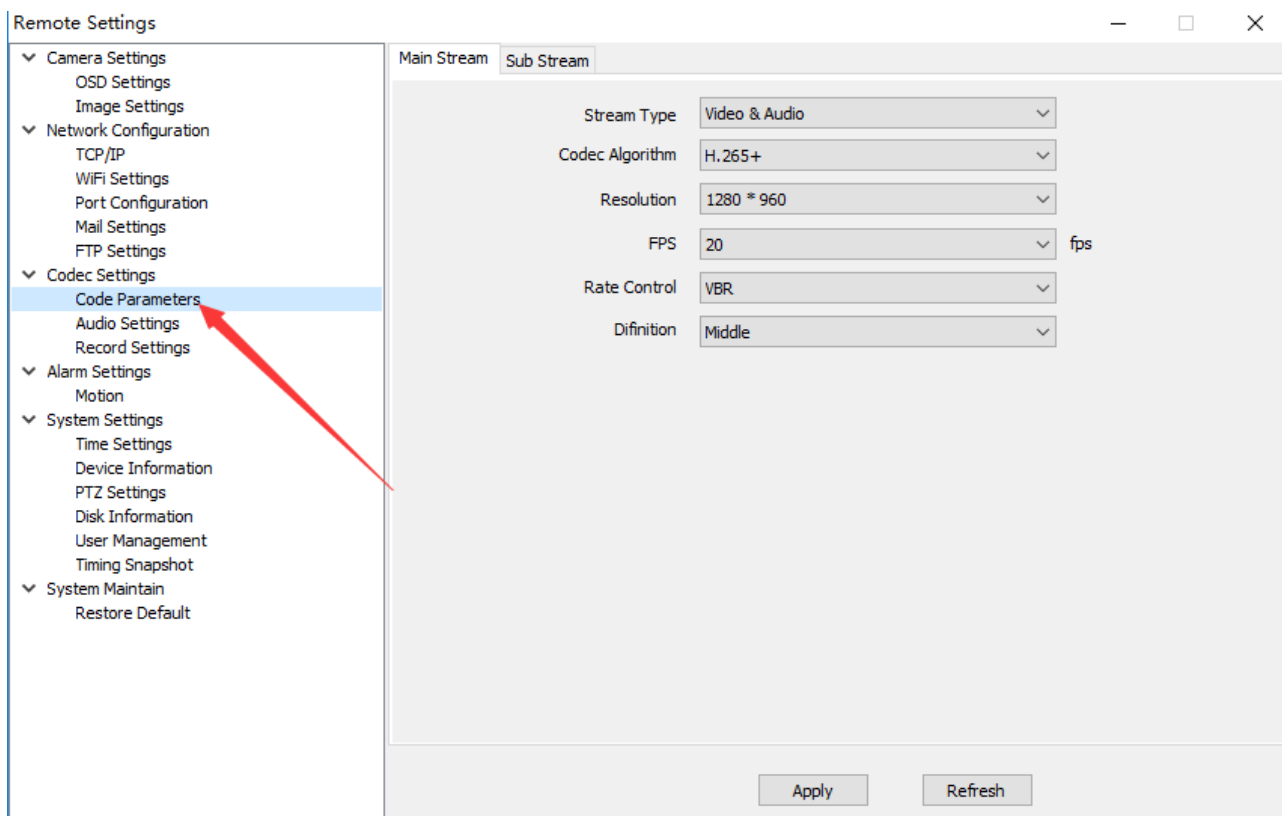
E,FTP Setting:



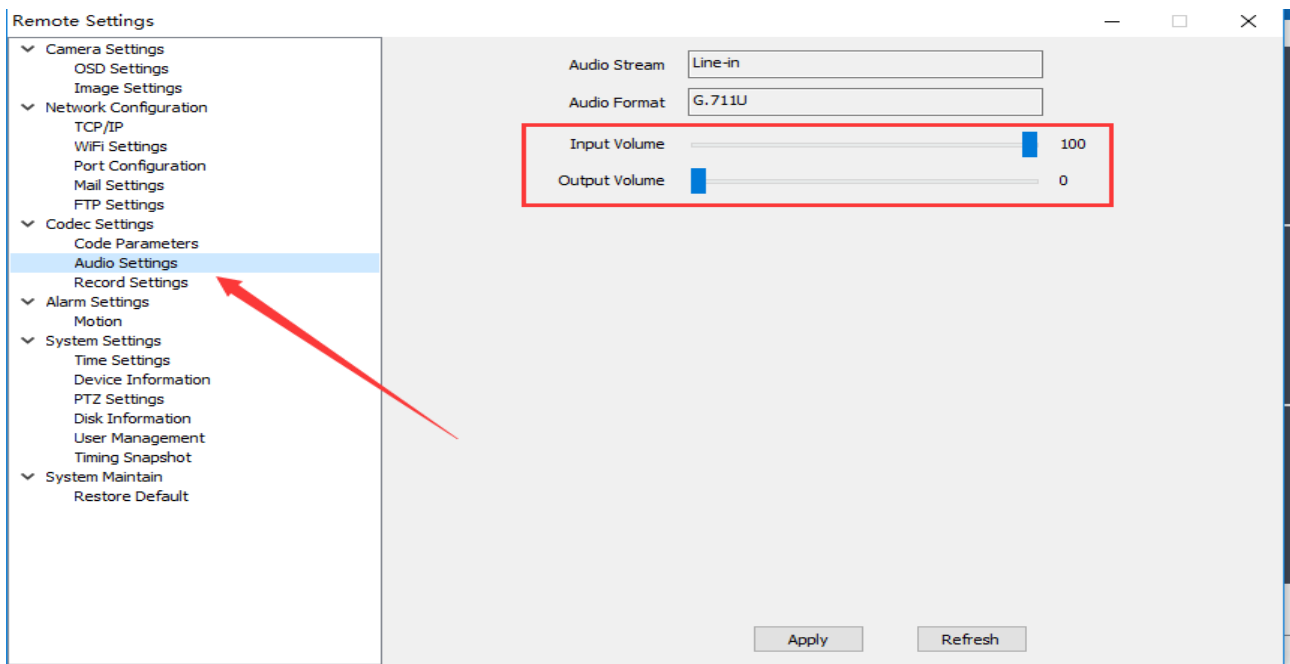
2.5.4.3,Encode settings:

A,Code Parameters

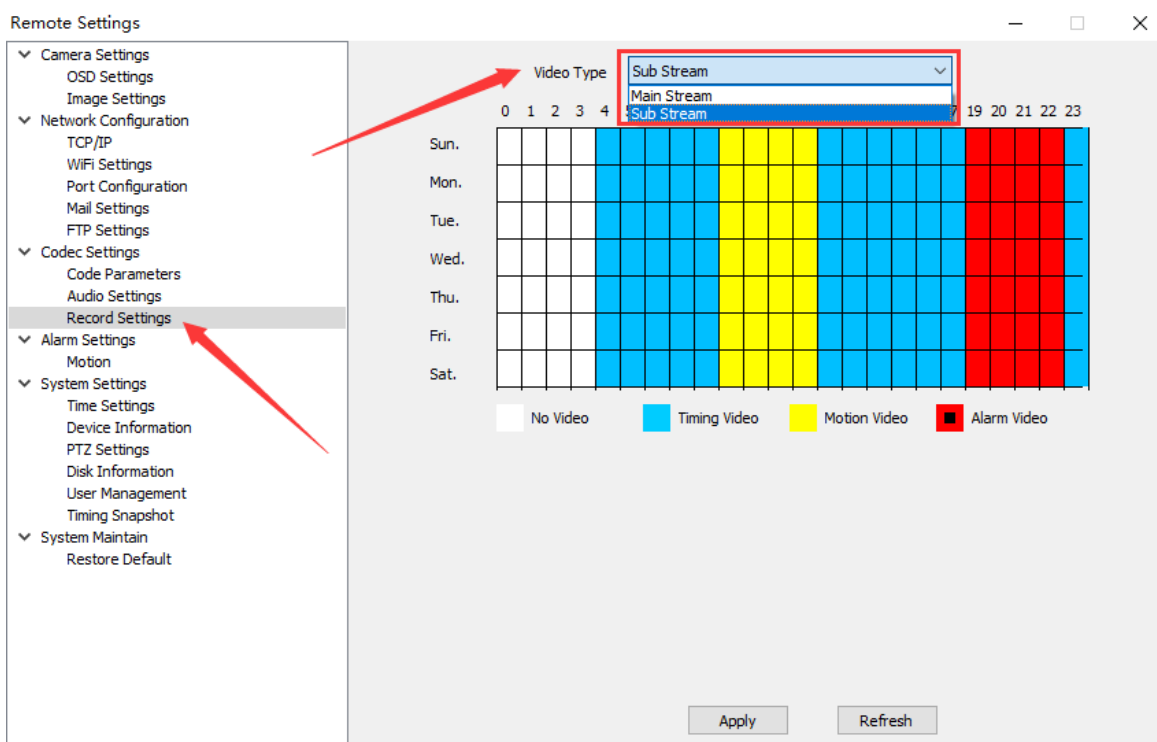
Coding parameters: Modify the format of the video screen and the appropriate parameters, **has reached the optimal effect**



B,Audio setting: The input volume refers to the size of the camera's microphone recording. The greater the value, the louder the playback sound of the monitoring device; the output volume refers to the sound played by the camera speaker. The greater the value, the louder the camera will play.

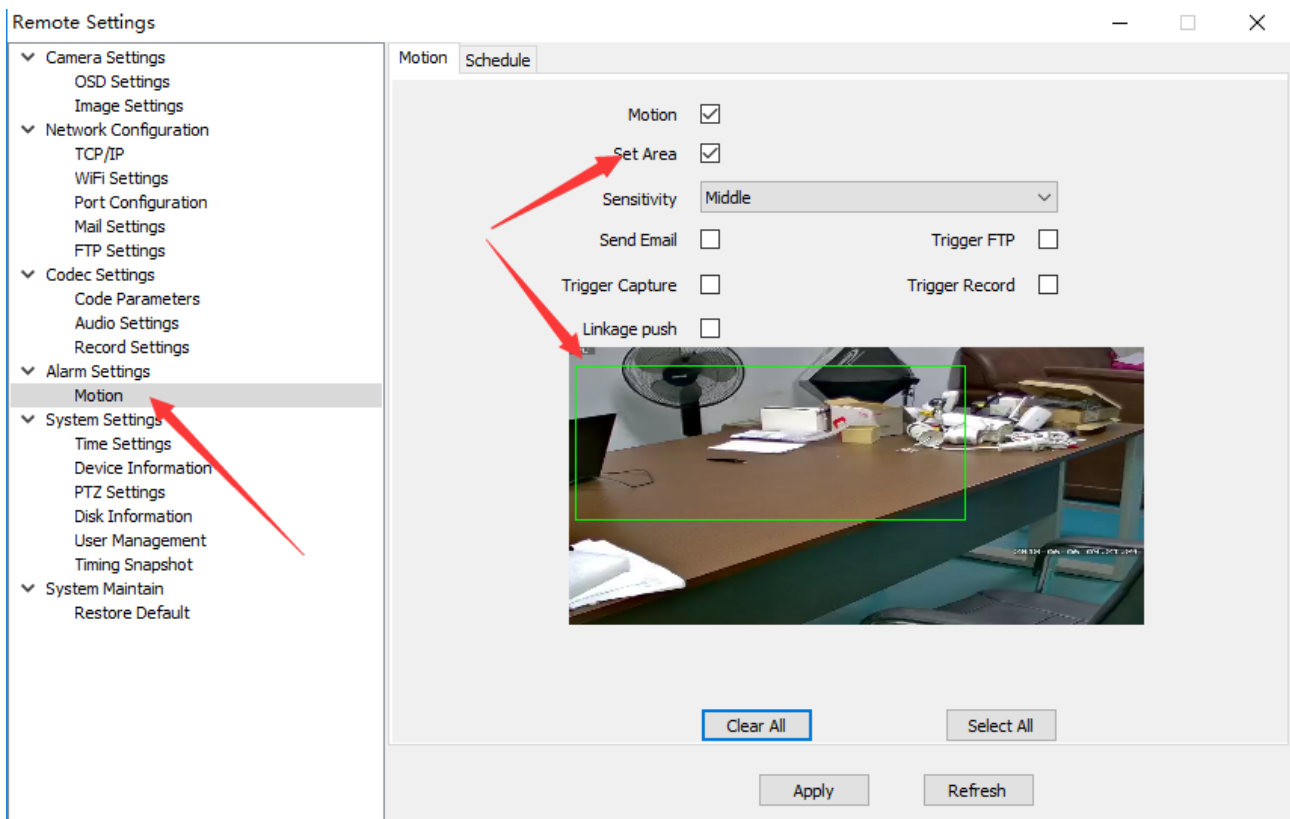


C. Recording plan; 1. The main stream (HD) and sub-stream (clear) are optional for recording. HD recording is the highest resolution recording of the device. At this time, the SD card's recording file and the used memory capacity will become larger. Clear is the default option. 2. The recording mode will be different colors. The timing record is blue. It can be understood as the set time period recording (default is all day timer recording); the alarm recording is red, indicating that the R485 and switch alarms have detected the signal. After the start of recording (this function is dependent on the product); motion recording is yellow, it means that when the object is detected to start recording, you need to enable motion detection in advance; disable the recording to be white, indicating that the current time is not recorded.



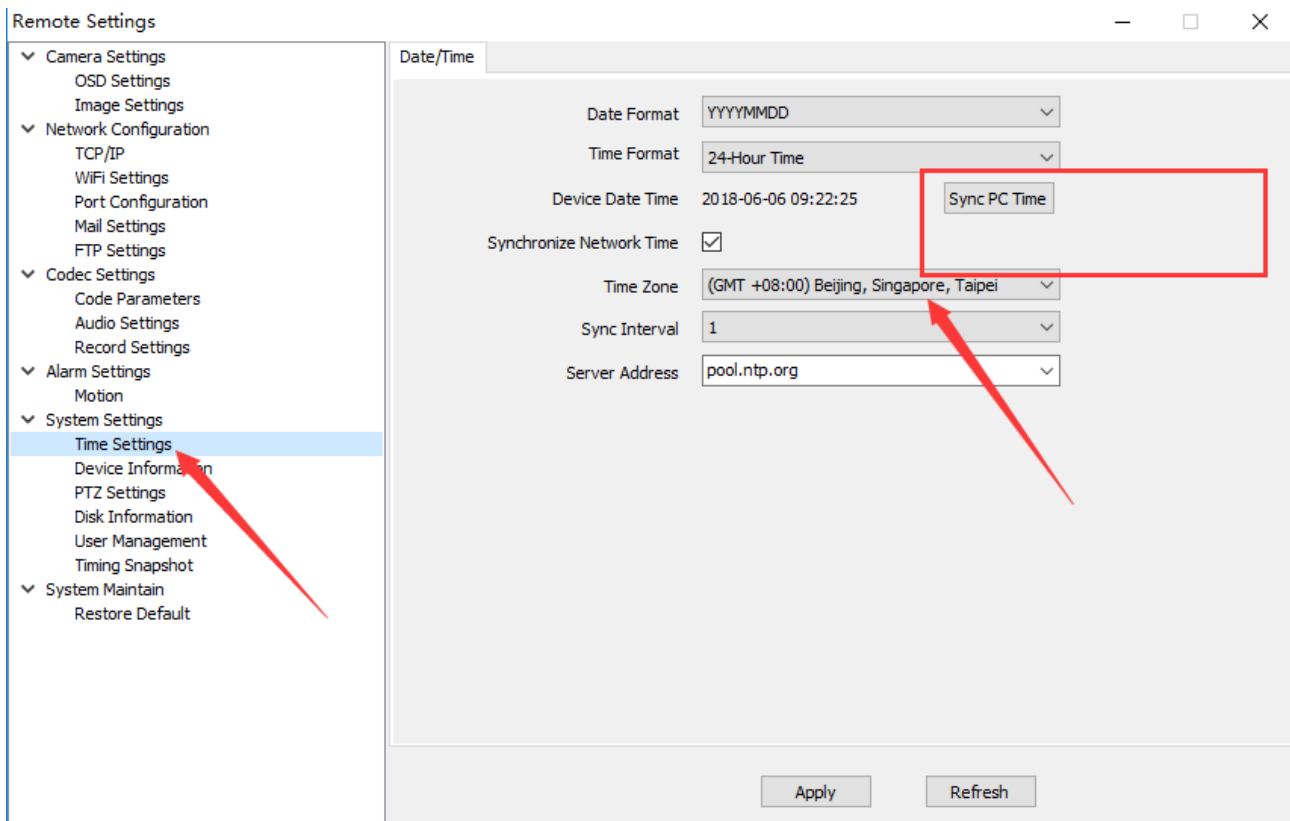
2.5.4.4, Alarm Setting

1, motion detection; refers to open or close the motion detection, motion detection alarm trigger method (take a picture when the alarm, by email to the specified mailbox, you must first set up a good mailbox); trigger FTP (Capture a picture during the alarm, send the picture to the FTP terminal via the FTP server; push the button (refer to whether to receive the camera alarm reminder, the home page subscription function needs to enable the linkage push); trigger capture (in the detected When the signal is moved, a picture will be snapped. The captured picture can be viewed on the message function of the home page; triggering the recording (the video will be recorded in different colors after the movement signal is detected); selecting the area (referring to the selected area on the screen The mobile signal will alarm, the selected area is based on the green box.)

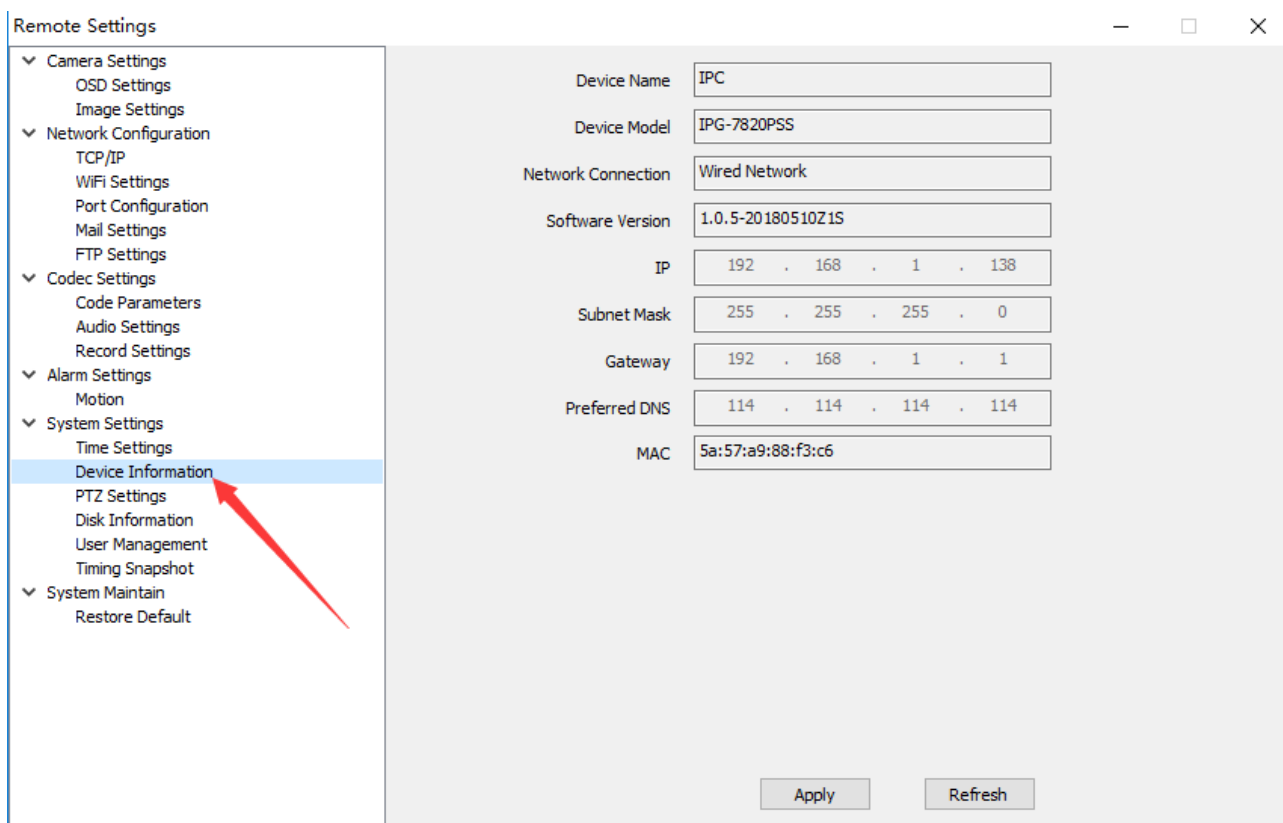


2.5.4.5 System Setting

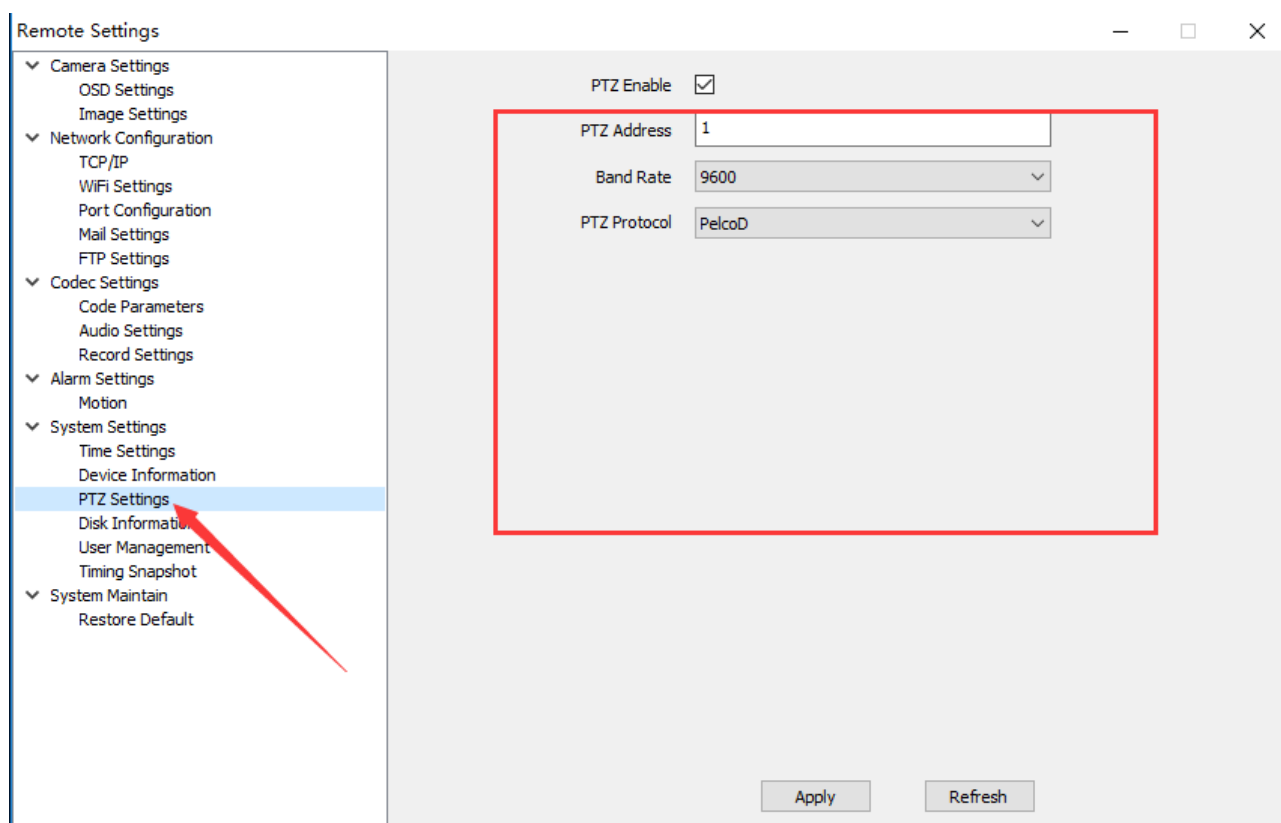
1, Time setting: Set the camera time according to your local time .



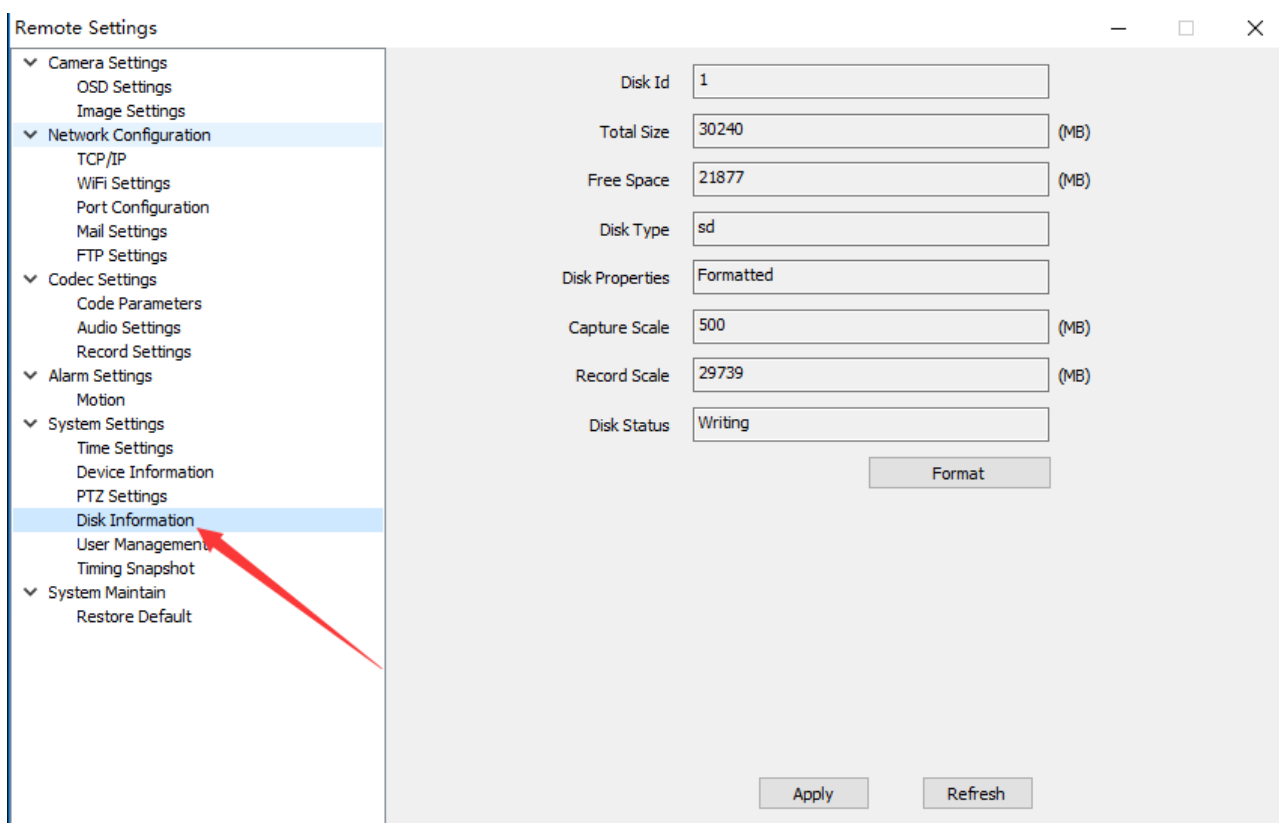
2, Device information: display the device model no., network connect type, software version and IP address.



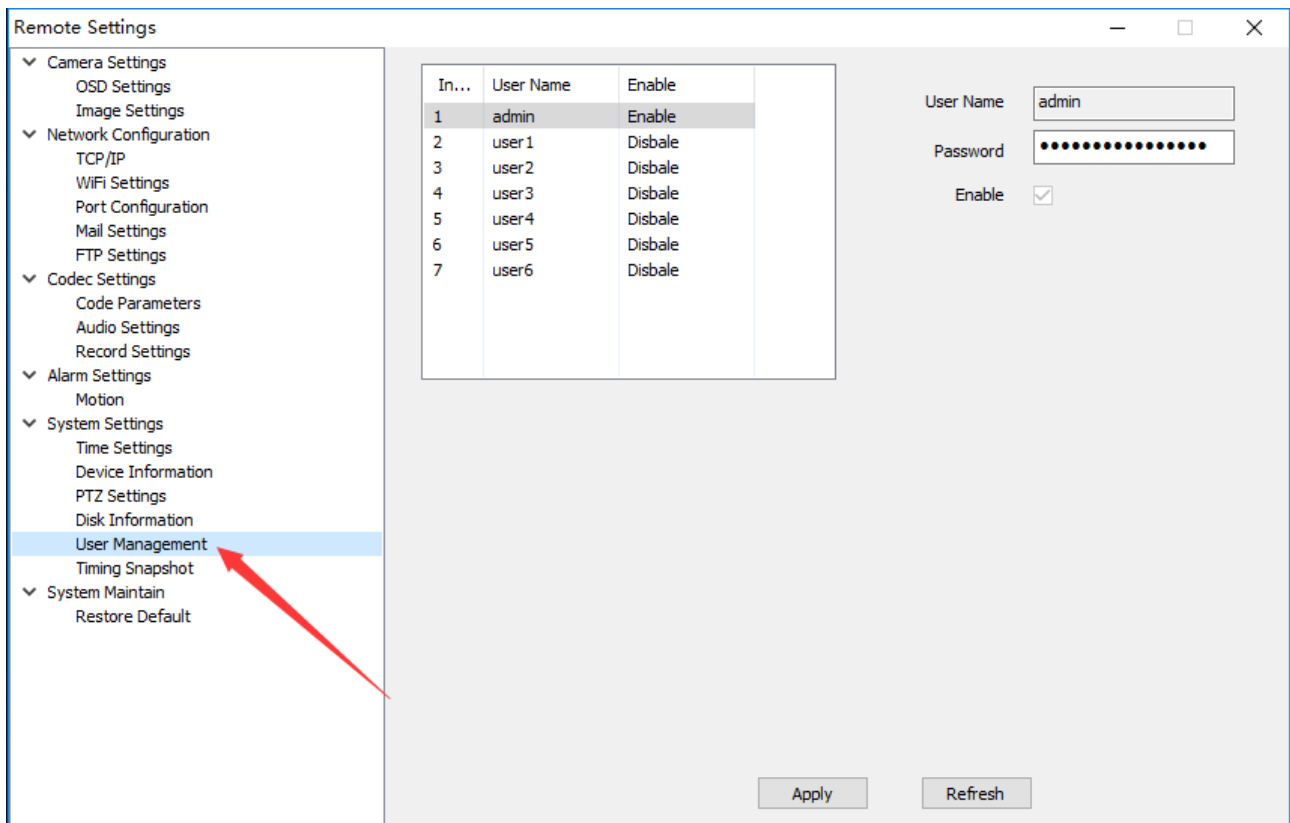
3, PTZ Setting: PTZ control setting (camera up and down, left and right)



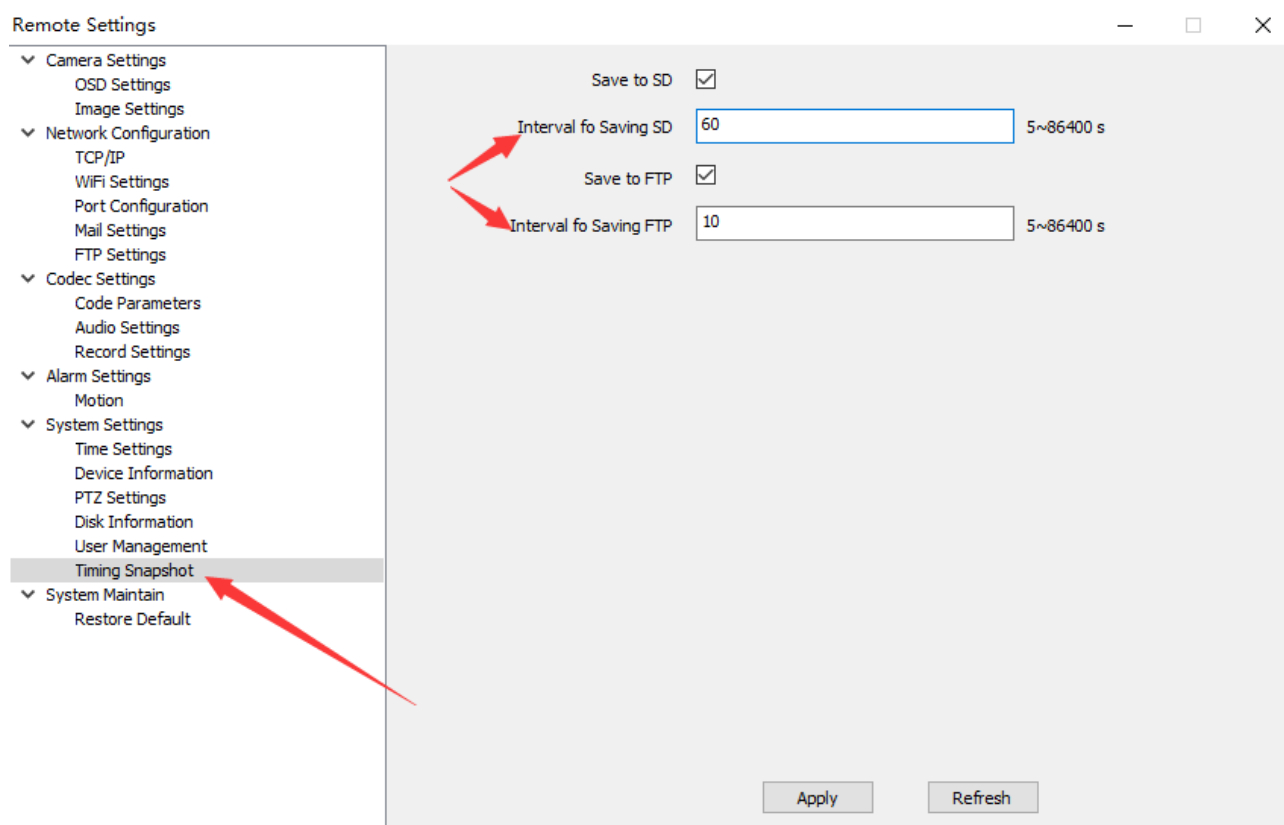
4, Disk information: display SD card memory, write status and snapshot, recording for memory size.



5,User Management: Setting user authority



6, Timing Snapshot: Setting where save the snapshot picture (now only support SD card and APP)



2.5.4.6, System Maintenance

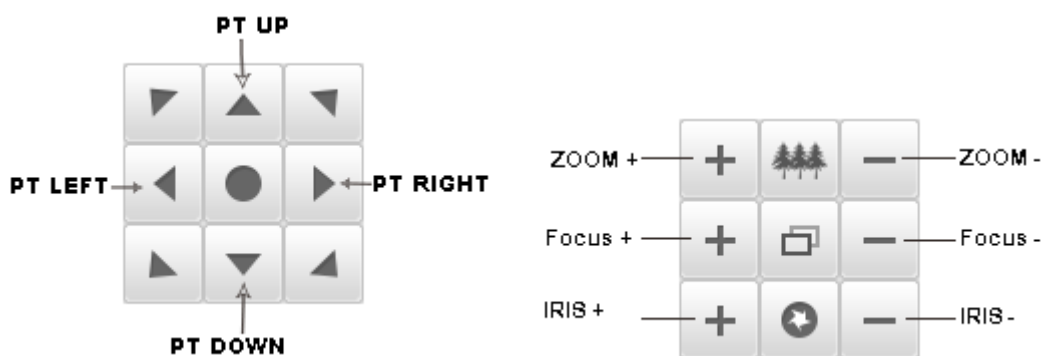
1. Restore the default; restore the default (all camera settings restored to the factory state, but will not delete the user data); restore the factory (camera fully initialized, including settings and user data will be deleted)

2.6.1, PTZ control

Click on the preview interface> below the device area bar> PTZ to enter the PTZ control interface

step

Adjust rotation speed 1: slowest, 10: fastest.



assistance ON,OFF

preset SET,CALL

cruise set,run ,stop

track record,start,stop

2.6.2. Remote playback (Only support SD card camera and NVR)

2.6.2.1,Remoteplayback


Enter the remote playback interface. In the left device tree, select the channel to be played back (Note: currently only supports one playback at a time), select the date on the calendar, click the “Search” button, and the system starts on the DVR (or local Hard disk) Search for video and display search results in search results panel


Playback


Control:




Control Button


(1)  Player button, press it and will continue playing the recording.

 Pause Button, press it to pause playing the recording.

 Stop playing Button.

 Audio control button, turn on/off when playing video.

Choose  Fast forward  Slow forward.

(2) Press  button, playback snapshot, snapshot for playback video.

Timeline operation

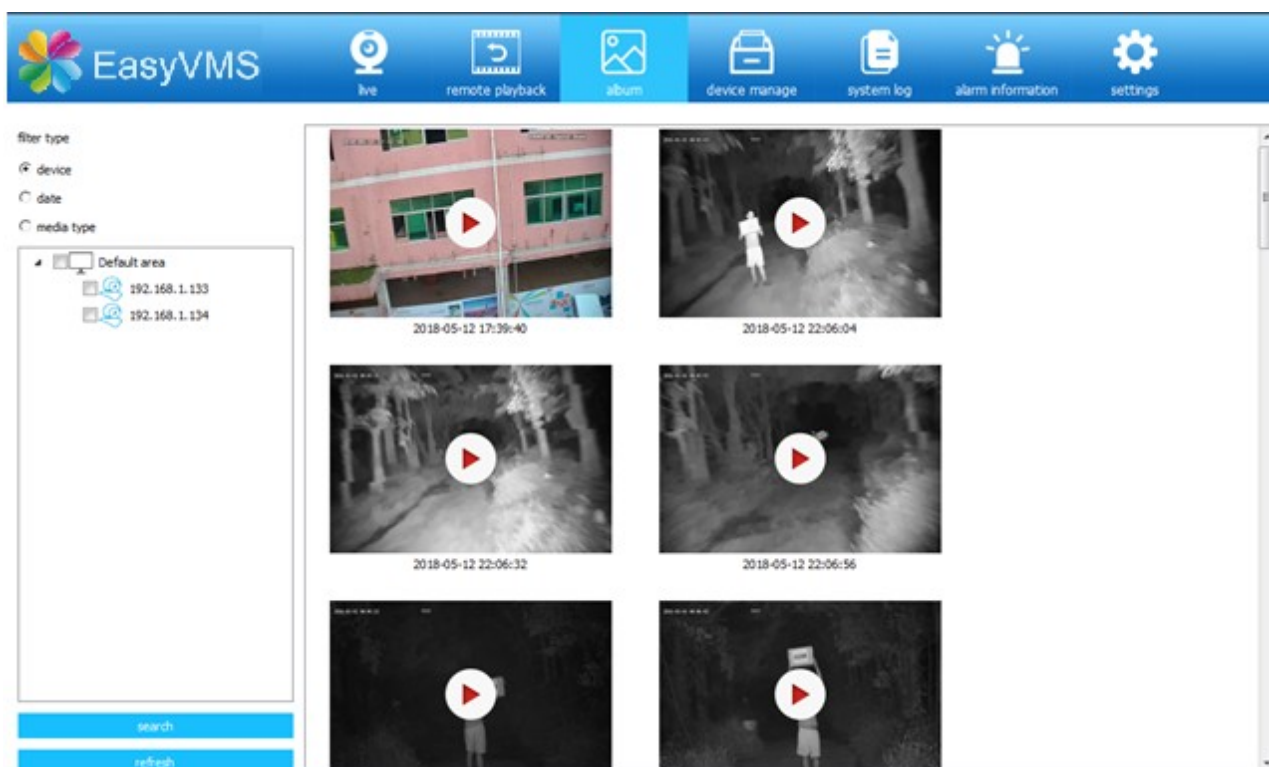
- (1) The scale on the time axis is 0-24 points.
- (2) Mouse over the timeline to zoom in and out of the timeline.
- (3) Double-click the timeline to play it directly. 2.2.6.

Log management

Users can easily query the system log. The operation log records information about each key operation in the system, including the user, operation content, time, and user's IP address.

2.6.3. E-albums

The album function is to manage the picture and video for local, also you can view and delete for recording.



Search by Device, Choose a device, it will search all picture and video for the device.

Search by date, Choose the date, it will search all picture and video for the date

Search by media type: Choose the media type, it will search all you choose type file.

2.2.8. Alarm Information

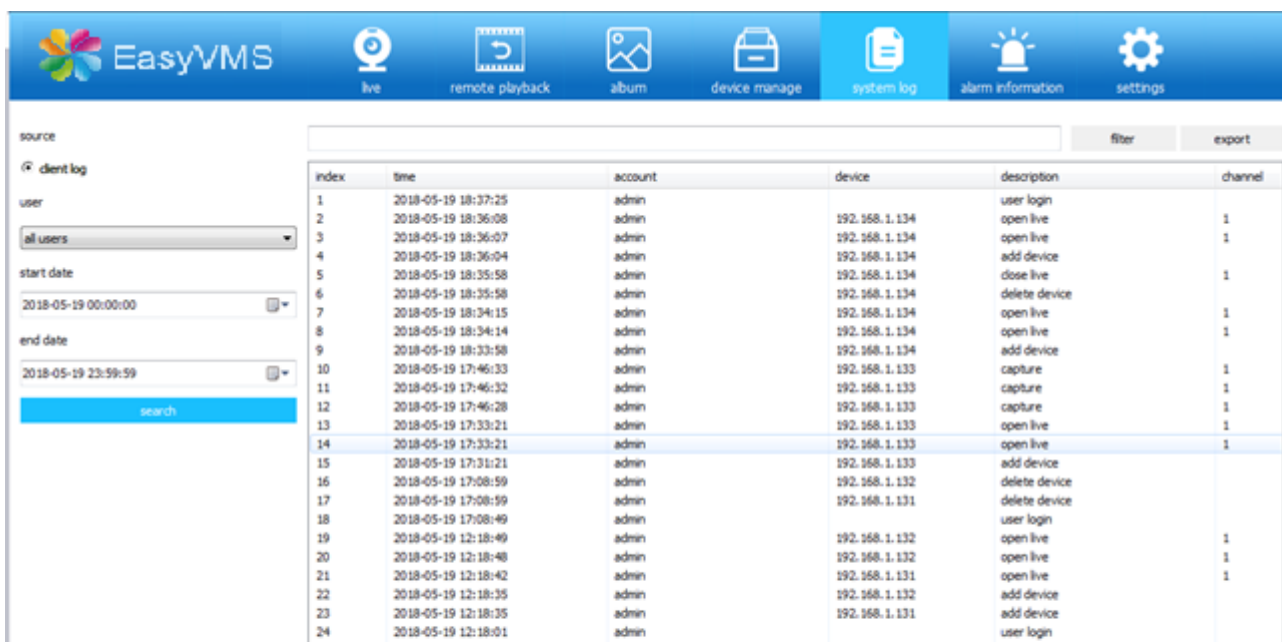
The alarm interface is recording all types of the alarm information, it include motion detection, video lost, alarm input, "Loss of heartbeat", . User can search and backup the alarm information.

2.2.8.1 Search Alarm Information

Check the type of alarm information (for example, check only the video loss, alarm input) to view the alarm information of all categories

2.6.4, System Log

Login the system Log interface, choose the Client Log, Chose the beginning and end time for search, then you can see user name, IP address, time, description for device.



The screenshot displays the EasyVMS System Log interface. The top navigation bar includes icons for live, remote playback, album, device manage, system log (selected), alarm information, and settings. The main content area shows a search filter for 'client log' and a table of log entries. The table has columns for index, time, account, device, description, and channel. The search criteria are set to 'all users', with a start date of 2018-05-19 00:00:00 and an end date of 2018-05-19 23:59:59. The search button is highlighted in blue.

index	time	account	device	description	channel
1	2018-05-19 18:37:25	admin		user login	
2	2018-05-19 18:36:08	admin		open live	1
3	2018-05-19 18:36:07	admin	192.168.1.134	open live	1
4	2018-05-19 18:36:04	admin	192.168.1.134	add device	
5	2018-05-19 18:35:58	admin	192.168.1.134	close live	1
6	2018-05-19 18:35:58	admin	192.168.1.134	delete device	
7	2018-05-19 18:34:15	admin	192.168.1.134	open live	1
8	2018-05-19 18:34:14	admin	192.168.1.134	open live	1
9	2018-05-19 18:33:58	admin	192.168.1.134	add device	
10	2018-05-19 17:46:33	admin	192.168.1.133	capture	1
11	2018-05-19 17:46:32	admin	192.168.1.133	capture	1
12	2018-05-19 17:46:28	admin	192.168.1.133	capture	1
13	2018-05-19 17:33:21	admin	192.168.1.133	open live	1
14	2018-05-19 17:33:21	admin	192.168.1.133	open live	1
15	2018-05-19 17:31:21	admin	192.168.1.133	add device	
16	2018-05-19 17:08:59	admin	192.168.1.132	delete device	
17	2018-05-19 17:08:59	admin	192.168.1.131	delete device	
18	2018-05-19 17:08:49	admin		user login	
19	2018-05-19 12:18:49	admin	192.168.1.132	open live	1
20	2018-05-19 12:18:48	admin	192.168.1.132	open live	1
21	2018-05-19 12:18:42	admin	192.168.1.131	open live	1
22	2018-05-19 12:18:35	admin	192.168.1.132	add device	
23	2018-05-19 12:18:35	admin	192.168.1.131	add device	
24	2018-05-19 12:18:01	admin		user login	

Press **【export】** Button, you can save the video to .csv video file.

2.6.5, Output alarm information

Press **【export】** Button, Choose the save path, then it will output alarm information to local

The screenshot shows the EasyVMS interface with the 'alarm information' section active. The top navigation bar includes icons for live, remote playback, album, device manage, system log, alarm information (highlighted), and settings. Below the navigation bar, there are checkboxes for 'motion', 'video loss', 'alarm input', and 'Equipment offline', all of which are checked. To the right of these checkboxes are 'clear' and 'export' buttons. The main area displays a table with the following data:

index	source	time	event
1	192.168.1.133	2018-05-19 18:37:25	motion, channel: 1
2	192.168.1.133	2018-05-19 18:37:28	motion, channel: 1
3	192.168.1.133	2018-05-19 18:37:41	motion, channel: 1
4	192.168.1.133	2018-05-19 18:37:43	motion, channel: 1
5	192.168.1.133	2018-05-19 18:37:46	motion, channel: 1
6	192.168.1.133	2018-05-19 18:38:59	motion, channel: 1
7	192.168.1.133	2018-05-19 18:39:02	motion, channel: 1
8	192.168.1.133	2018-05-19 18:39:03	motion, channel: 1
9	192.168.1.133	2018-05-19 18:39:06	motion, channel: 1
10	192.168.1.133	2018-05-19 18:39:07	motion, channel: 1
11	192.168.1.133	2018-05-19 18:39:11	motion, channel: 1
12	192.168.1.133	2018-05-19 18:39:37	motion, channel: 1
13	192.168.1.133	2018-05-19 18:39:38	motion, channel: 1
14	192.168.1.133	2018-05-19 18:39:41	motion, channel: 1
15	192.168.1.133	2018-05-19 18:40:38	motion, channel: 1
16	192.168.1.133	2018-05-19 18:40:39	motion, channel: 1
17	192.168.1.133	2018-05-19 18:40:40	motion, channel: 1
18	192.168.1.133	2018-05-19 18:40:43	motion, channel: 1
19	192.168.1.133	2018-05-19 18:40:56	motion, channel: 1
20	192.168.1.133	2018-05-19 18:40:59	motion, channel: 1
21	192.168.1.133	2018-05-19 18:41:10	motion, channel: 1
22	192.168.1.133	2018-05-19 18:41:13	motion, channel: 1
23	192.168.1.133	2018-05-19 18:41:14	motion, channel: 1
24	192.168.1.133	2018-05-19 18:41:15	motion, channel: 1
25	192.168.1.133	2018-05-19 18:41:18	motion, channel: 1
26	192.168.1.133	2018-05-19 18:41:31	motion, channel: 1
27	192.168.1.133	2018-05-19 18:41:32	motion, channel: 1
28	192.168.1.133	2018-05-19 18:41:33	motion, channel: 1
29	192.168.1.133	2018-05-19 18:41:34	motion, channel: 1
30	192.168.1.133	2018-05-19 18:41:36	motion, channel: 1
31	192.168.1.133	2018-05-19 18:41:39	motion, channel: 1

END