
XVR 5-in-1 Hard-Disk Video Recorder Instructions

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This product is specially designed for the security field of an excellent digital monitoring equipment. The embedded LINUX operating system is adopted to make the system run more stable. Using the standard h. 264MP video compression algorithm and the unique space-time filtering algorithm, the synchronous audio and video monitoring with high picture quality and low code rate is realized, and the front-end five signal access (TVI/AHD/CVI/CVBS/IPC) is supported; The powerful network service function greatly improves the network data transmission capability and remote control capability.

Part I- Basic Operations

1.1 Hard disk installation

When you first use it, install the hard disk first. The number of hard disks shall be installed according to requirements and product specifications

Note: no hard disk is installed, the device can operate normally for monitoring, but cannot record and replay normally.

1.2 Mouse connection

Both front and rear panels have one USB port each, and both can be used for mouse, USB disk and WIFI module. Different products, mouse placement according to product specifications

2. Start up

Connect the power, turn on the power switch of the back panel, the power indicator light is on, and the video recorder is turned on. After starting up, you will hear the beeper "di", video output default to multi-screen output mode.

Note: after the abnormal power cut is restored, the equipment will be automatically restored to the state before the power cut.

3 . Turn off

Turn off the equipment with soft and hard switches. Soft switch, enter > [shutdown system] in the main menu and select [close]. Hard switch. Press the

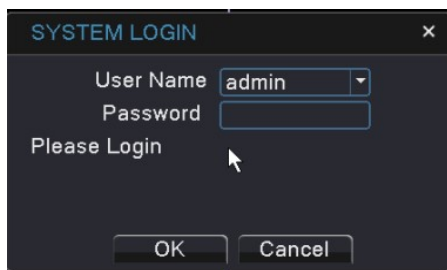
power switch on the back panel when the machine is off. (hard switch may cause system data loss, please use carefully)

Caution: save the configuration before replacing the battery on the main board, otherwise all configuration information will be lost.

4 . Login

After the device is normally started up, it needs to log in before operation, and the system provides corresponding functions according to the permission of the logged in user.

When the device leaves the factory, it is preset with 2 users admin and guest, with no password by default. User admin factory presets to super user permission, user guest factory presets to preview and video playback. Users admin and guest can change passwords, but not permissions.



Password protection: the password is wrong seven times in a row, locking the alarm prompt account (after system restart or half an hour, the locked account will be unlocked automatically). For security reasons, change the username and password in user management in a timely manner.

5 . Preview

After the device login normally, enter the multi-screen preview state. In the preview channel interface, there is even a replay, burn, paparazzi (only available in the expansion memory device) icon function can be used, can also display the date, time, name of the channel, each screen can display monitor

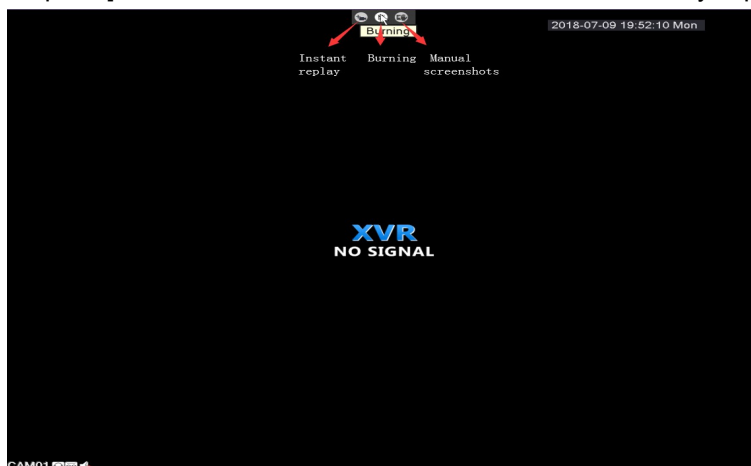
channel video and alarm status. The normal interface now has the following ICONS: channel name, channel video symbol, channel audio symbol. When the alarm is triggered, there are alarm status signs such as video detection, video shielding and video loss.

5.1 Channel menu bar

[Timely playback] the playback lasts for 5 minutes. When the device is up, it will be played back immediately. The first 5S has no images. After the video is recorded, the video can be played back in real time (the playback is the first 5 minutes of the current time), and it will be returned to the preview screen automatically after playing. PS: digital channel and digital channel mode are not supported.

[Recording] you need to receive the usb flash drive. Click the button to start and end the burn

[Snapshot] it needs to connect to usb disk and XVR for memory expansion



5.2 Front end supports five in one

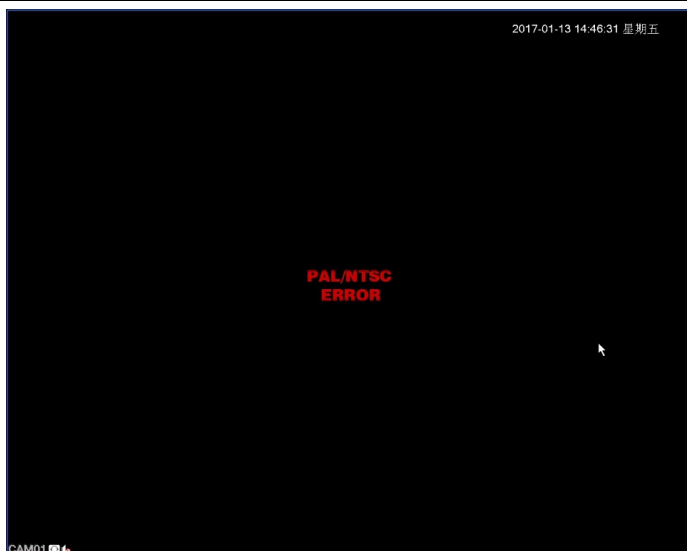
"Five one" front-end equipment support TVI/AHD/CVI/CVBS/IPC five syncretic function, multi-modal input, support high-definition simulation video coding, support high-definition simulation + hd video input, support pure hd video input. The type of camera currently connected to the channel can be viewed in the upper left corner of the channel, as shown in the figure above:

[resolution] the current mode supports resolution downward compatibility, not upward compatibility, and will prompt if the resolution preview interface is

exceeded

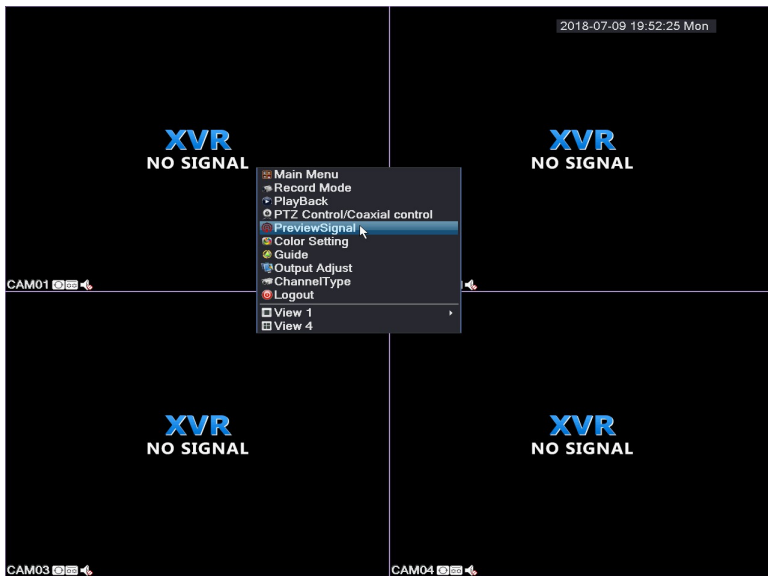


[Mode] at present, the front-end camera is divided into N system (NTSC) and P system (PAL), which correspond to the down-link corresponding camera of the mode. It cannot be mixed, and there will be corresponding hints for the mixed connection, as shown in the picture below:

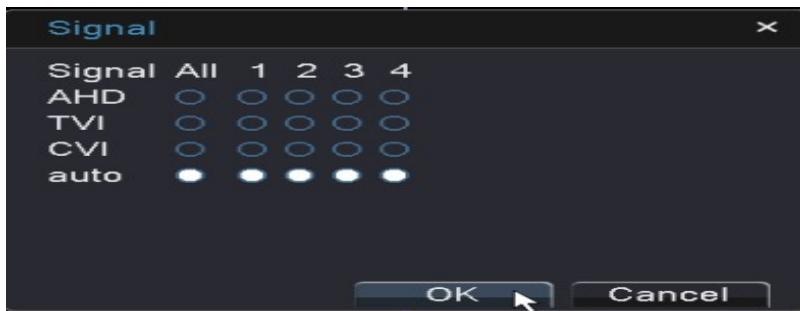


5.3 Signal forced switching

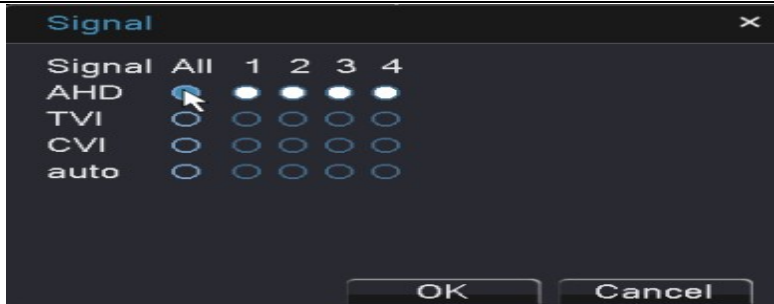
Currently, mandatory switching only supports switching before TVI/CVI/AHD, which can be entered through the right-click menu- preview signal, as shown in the picture below:



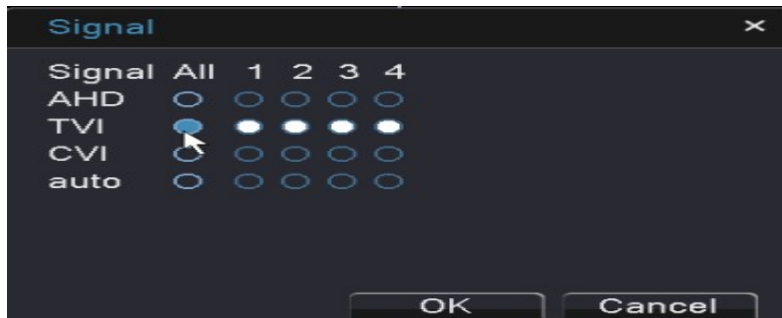
[Automatic] means that the channel automatically recognizes TVI/CVI/AHD according to the front-end camera, and the current default is automatic (adaptive)



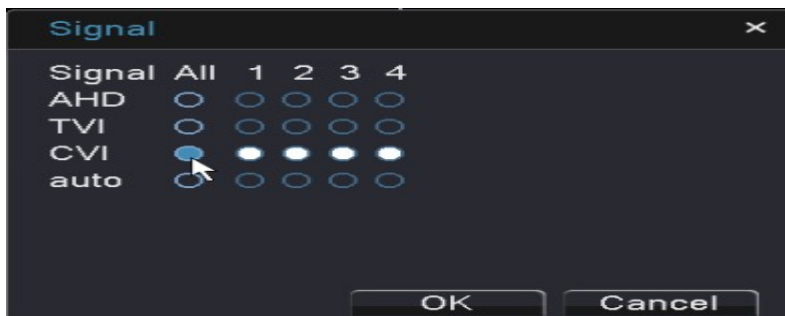
[AHD] means to manually force the switch to AHD signal, and the device supports the front end of AHD



[TVI] Means manually force the switch to the TVI signal, and the device supports the TVI front end

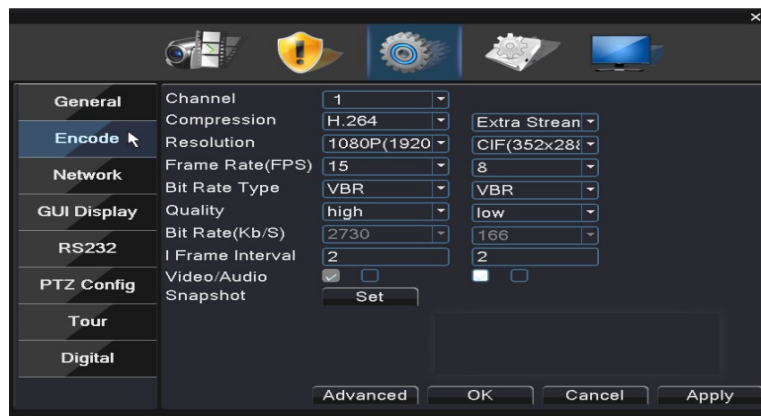


[CVI] Means manually force the switch to the CVI signal, and the device supports the front end of CVI



6. Encoding Setting

High quality playback and remote monitoring are realized by setting encoding parameters.



6.1 Independent channel coding Settings

Step 1: local operation, > [system setting] > [code setting]

Step 2: select a channel, resolution, frame rate and code flow value;

Step 3: select advanced locally and click the copy button.

Step 4: select other channels, select advanced locally, and select paste;

Step 5: click ok to exit.

Note: when all audio/video ICONS are replayed, the video file is a composite stream of audio and video.

6.2 Auxiliary code flow setting

Auxiliary code flow is mainly used for client monitoring and mobile phone monitoring.

Step 1: select to enable the auxiliary code stream video;

Step 2: configure the frame rate, code flow value, etc., the same as the independent channel parameter setting method.

Note: different product models, different coding resolution options.

7 . Recording Setting

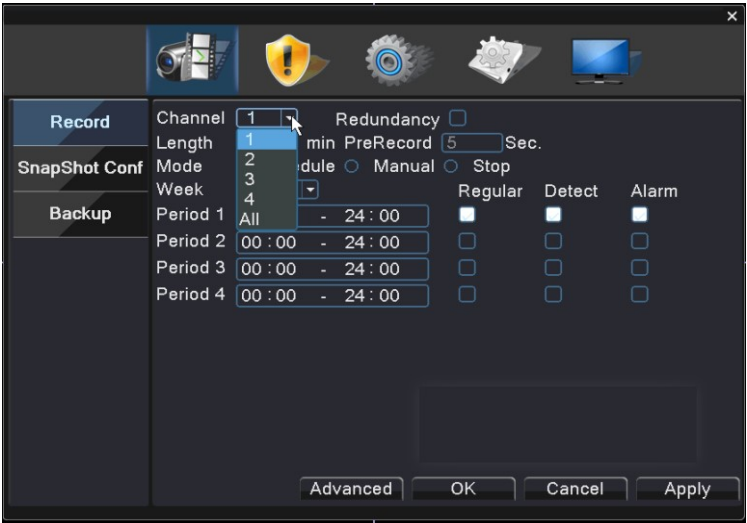
The setting of video recording mainly includes the setting of video recording length, pre-recording time and time period. Find the interface of this function setting through the following ways: [main menu], [video function], and [video setting]. The interface is as follows. The setting shown in this interface belongs to the default setting of the system.

Note: if the device is recording normally, at least one hard disk installed is set as a read/write disk. Hard disk management reference: random CD in the manual

Channel	1	Redundancy	☐
Length	60 min	PreRecord	5 Sec.
Mode	☒ Schedule ☐ Manual ☐ Stop		
Week	Mon		
Period 1	00 : 00 - 24 : 00	Regular	☒
Period 2	00 : 00 - 24 : 00	Detect	☐
Period 3	00 : 00 - 24 : 00	Alarm	☐
Period 4	00 : 00 - 24 : 00		☐

7.1 Channel selection

Select channel method 1: click the drop-down button with the left mouse button, select the channel number to be set, and select "All" for All channels.



Method 2: Put the mouse arrow on the channel number, scroll the mouse wheel, and select the channel number to be set.

7.2 Redundant

Choose redundancy function, can realize video file double backup function, it is to record the video of a certain channel to two hard disks at the same time. The device needs to be equipped with two hard disks, one of which is a read-write disk and one of which is a redundant disk. Hard disk Settings reference: random CD in the manual

7.3 Length

In normal video recording (no alarm recording is generated), the default length of each video file is 60 minutes.

7.4 Advance record

Pre-recording means that when an alarm signal is detected, a detection video or an alarm video recording is conducted. The recording time of this video before the alarm signal is generated will be recorded. For example, the pre-recording time is set to 10 seconds. An alarm signal is detected at 10:00, and the detection file is recorded. The recording time of this video is 9:59:50.

The pre-recording time is set to allow the user to view the situation within the detection range at a certain time before the alarm signal is generated according to the detection video.

7.5 Recording function

Video mode is divided into manual mode, close mode and configuration mode

[manual] when the previous round box is shown as "black", it is selected, otherwise it is not selected. Regardless of the current state of the channel, after selecting the "manual" button, the corresponding channel will record manually and generate the H format file.

When the round box before [close] is displayed as "black", it is selected, otherwise it is not selected. Regardless of the current state of the channel, after selecting the "close" button, the corresponding channel stops recording.

★The following section focuses on the Settings after selecting configuration mode

When the previous round box is displayed as "black", it is selected, otherwise it is not selected. Select the "configuration" and set the "video type" and "time period".

[video type] there are three types of video recording: general, detection and alarm.

General: during the set time period, general video recording is carried out. The type of video file is "R".

Detection: within the set time, trigger "motion detecting", "video shade", "video loss alarm signal, and the corresponding alarm function is set to open the video function, start a state of" test "video, the video file type for the" M ";

Alarm: within the set time, trigger external alarm signal, and the alarm input function is set to open the video function, start A state of "test" video, the video file type for "A".

[time period] set the time period of video recording, and the video recording will only be started within the time range set.

When selecting configuration, set the next week and time period. Set up a maximum of four time periods, four of which can be continuous, intermittent and repetitive. At the end of each time period, there are three file formats: general, detection and alarm. This function is illustrated with examples.

Example: in the following screen (select configuration, Wednesday), the video of the day of Wednesday is described according to the setting of time period

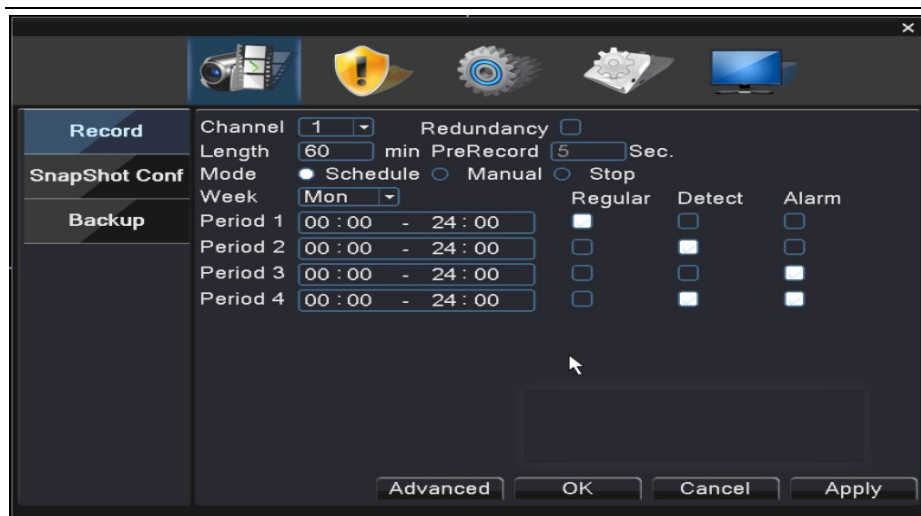
During the period from 00:00 to 3:00, only general videos, no video detection and external alarm videos are carried out. The resulting video format is a general video, R format file.

During the period from 03:00 to 08:00, if video detection alarm is generated and video is combined, the detection video file is recorded, and no files are recorded.

No files will be recorded during the period from 08:00 to 09:00

During the period from 09:00 to 11:00, if external alarm is generated and video recording is combined, the alarm video is recorded and the file in format A is recorded.

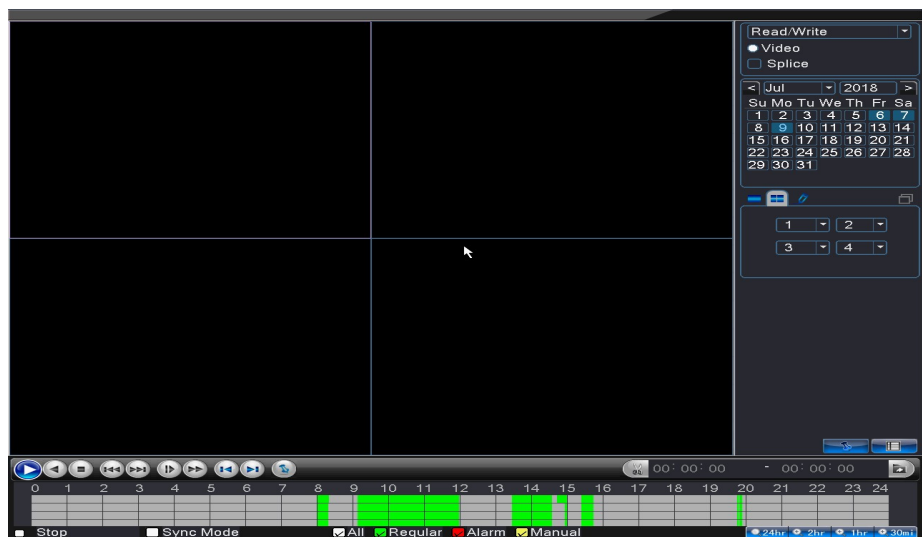
11-24:00 during this period, if produce video detection alarm and linkage of the video, the video detection, M format file, if produce external alarm and linkage of the video, the video alarm, R format file.



User when choosing video format, according to their own needs for each channel setting, it is recommended to use the default (the default is the time for 24 hours in a row, configuration, ordinary, detection, alarm and selected)

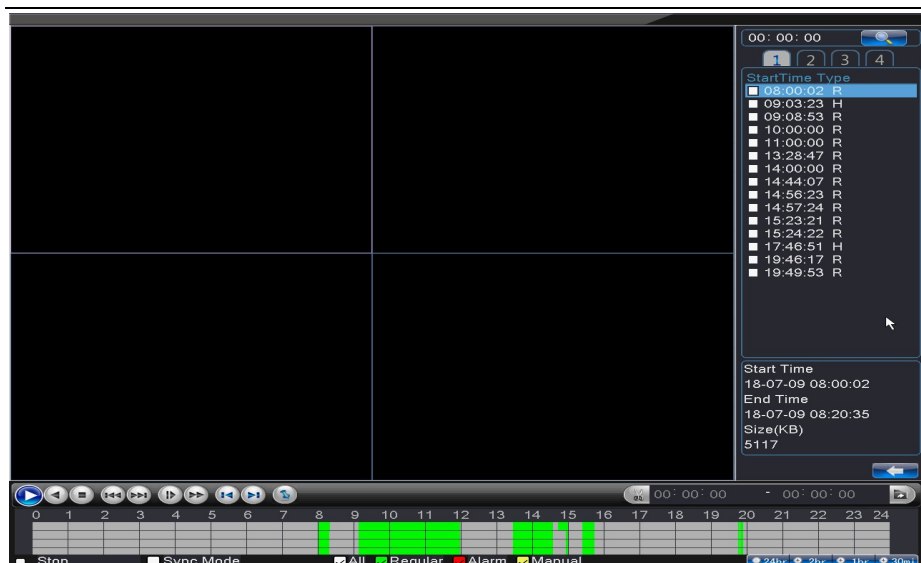
8. Recording Playback

Video playback mainly includes video query, video playback and other operations. The way to open the video playback: first, click the right mouse button in the preview interface, pop up the menu, and select [video playback] from the menu. The second is to place the mouse cursor under the screen and exhale out of the menu bar. Select video playback. The interface of video playback is as follows:



8.1 Recording query

After selecting the time period, the device will automatically jump to the selected time , click again . Jump to the query interface, as shown in the following picture:

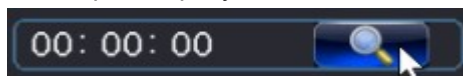


PS:Only when selecting the interface as shown in the figure below, after selecting the channel, click the query key next to it



In this interface, the user can select the query again

【Time period query】



【Recording mode query】

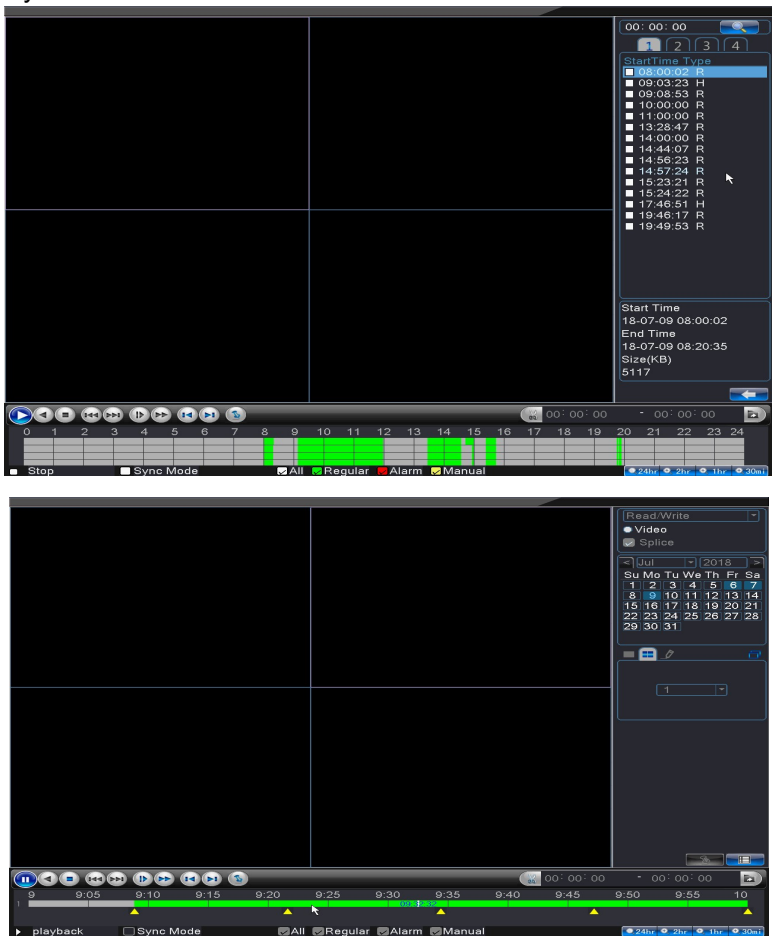


After selecting the query conditions, equipment will automatically jump, if the input query conditions with the corresponding video, video query file display in the list

on the right side of the video playback interface, can accommodate a maximum of 128 files in the list.

8.2 Recording playback

You can double-click the file in the list to play, click the play button, and select slice playback.



	Play
	Playback
	Stop Playback
	Slow Playback
	Quickly Playback
	Previous File
	Next File
	Last Frame
	Next Frame
	Full screen
	Label
	Cut
	Backup

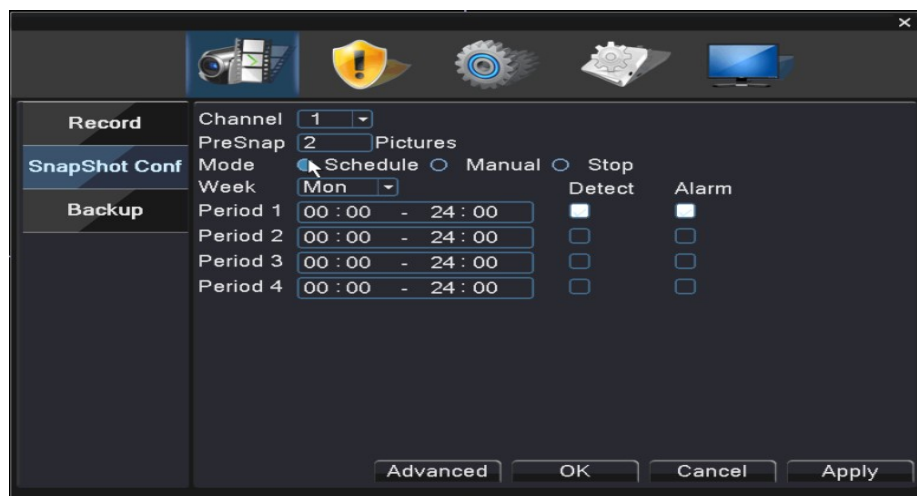
Any of the above buttons can be played while playing.

The "last frame" and "next frame" cannot be used when playing. These two buttons are in the yellow box above. Single frame forward playback and every 2 seconds rewind. End playback: right-click on the playback screen and select return to the previous layer.

9. Image Storage

As settings, the image of the monitor screen is stored. This function depends on the product specification. Parameter setting: > [video function] > [image storage] > is set accordingly in the main menu. When you first start up, the system is off by default.

Note: you need to have a "snapshot disk" type partition in your installed hard drive to store images (see the hard disk management instructions).



10 . Network Setting

Set the local network Settings through the main menu - system Settings - network Settings.

[IP address] : factory default value 192.168.1.18;

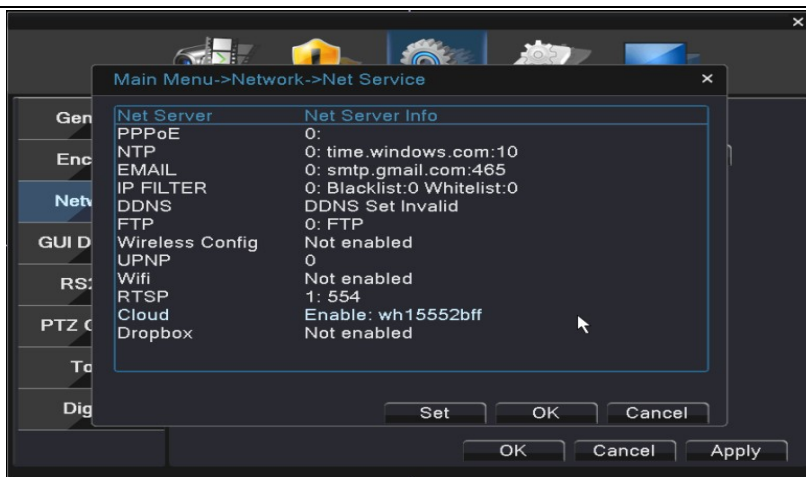
[subnet mask] : factory default value 255.255.255.0;

[default gateway] : factory default value 192.168.1.1.



Need to set the IP address of the equipment to within the same network segment with routers, such as the IP address of the router is 192.168.1.1, subnet mask 255.255.255.0, then the default Settings, usually the default gateway is the IP address of the router. Enter device IP in IE (192.168.1.18) to access devices within the LAN. If image monitoring is needed for remote access devices in the public network, the specific Settings can be referred to the network Settings guide.[network service] the network service function is shown in the following figure, and the specific Settings of each function can be referred to the corresponding service description documents.

Dropbox: alarm videos and images that can be uploaded to Dropbox for remote viewing of alarm videos and images



11 . Alarm Function

Alarm function mainly includes alarm Settings (mobile detection, video loss, occlusion detection), exception handling and intelligent analysis

[alarm setting] there are three alarm Settings with similar functions. Take mobile detection as an example.

Mobile detection Settings are mainly divided into two parts:

Alarm function Settings for mobile detection (enable switch, sensitivity, detection area, time interval for cloth removal and defense), that is, how to set the alarm.

Motion detecting linkage set (screen prompts, buzzer, alarm output, round tour), and some need to combined with other feature set motion detecting linkage set (such as linkage video, send Email), which generate alarm after how to deal with.

Find the interface of the function setting of this setting through the following ways:

[main menu] [alarm function]

11.1 Alarm function setting

11.1.1 Channel and enablement

Firstly, select the channel you want to set in the drop-down box after channel number. The box at the back of enable is "check", indicating that the switch is on at the moment, otherwise it is off.

Note: [enabled] determines whether the Settings in the motion detection are valid, so be sure to check whether the enabled switch is on after setting. The following figure shows that channel 1 is selected and the screen display of enabled is opened

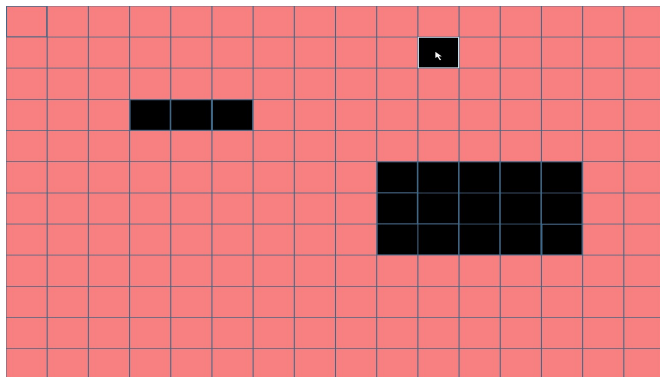


11.1.2 Sensitivity

In "sensitivity" drop-down box has six levels, high and low sensitivity associated with moving object scope and intensity, the lower the sensitivity, scope of the movement of the moving object and the higher the intensity requirement. The user can select the sensitivity through the drop-down box, the default is "middle". Users are advised to select "highest" to avoid missing the mobile detection alarm.

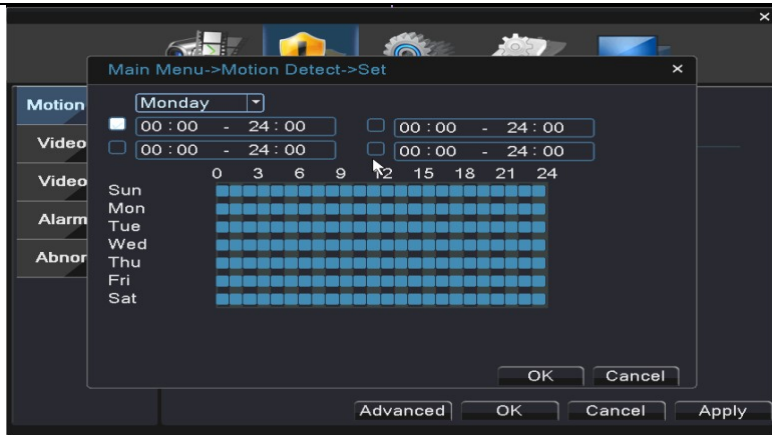
11.1.3 Area

Behind the mouse the left key click [area] [set], pop-up regional Settings interface, the user can hold the left mouse button don't put a selection of motion detecting area, can also be click the left mouse button to select boxes discontinuous area were selected, and the "red" display area is the area to be motion detecting, "black area" as the detection area, set up exit area Settings interface, system will save the Settings. The default locale is the detection area, and users are advised to use the default.



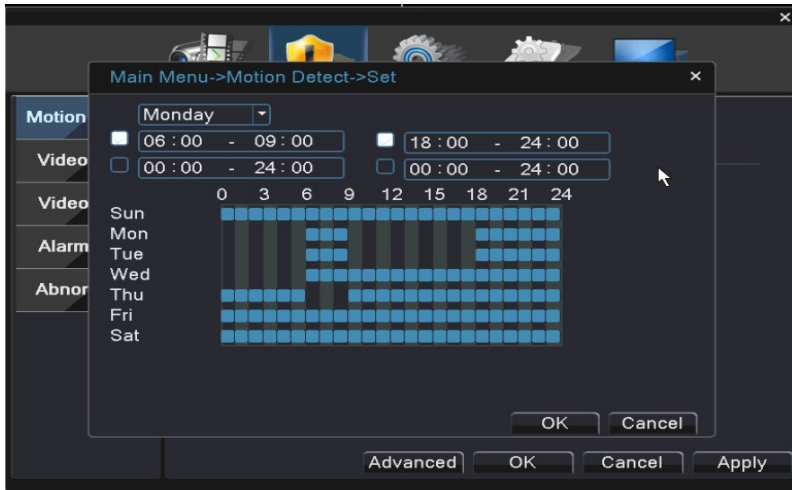
11.1.4 Motion detection time

Click the Settings button after the time period of "Motion detection time", and the setting interface pops up (the default is 24-hour detection, and users are advised to use the default without modification) as following picture



Firstly, select the date you want to set in the week's drop-down box, then set the time period for that date.

A maximum of four time periods can be set, which can be continuous, intermittent and overlapping. The box in front of the time period is "blue" to indicate that the time period setting is valid, otherwise it is invalid. The following figure shows the setup of the one-week movement detection time period of channel 1 as an example.



Note: the time period set corresponds to the time interval shown in the gantt chart below. Click ok after setting, save and return to the previous layer. Click cancel to cancel this setting and return to the previous layer.

11.1.5 Interval time

In the set interval time (default is 1 second), if multiple movement detection occurs, only one alarm signal will be triggered.

11.2 Linkage set

Linkage Settings are mainly the processing action Settings after the alarm is generated

11.2.1 Alarm output

Motion detecting occurs, start the corresponding linkage alarm output port of the external devices (such as alarm, etc.), external alarm equipment will generate the corresponding response, after the alarm output **】** **【** ports to choose, some equipment is an output port, have a plenty of two, to note here which one is your choice. "Anti-white" is selected, otherwise it is not selected. The "delay" after

"alarm output" refers to the duration of the alarm output after the alarm is generated. The default is 10 seconds. Users can set the time according to their own needs.



11.2.2 Video channel

The function of the video channel is that when the channel detects movement, the selected video channel will conduct the motion detection video recording and package it as the video file of file type M. Video channel selection can be one-on-one choice, also can choose, for more than a pair of channel corresponding to the box for "black" is selected, or they will not be selected, the following two figure is a (one) to the channel, and channel 2 (one-to-many) video channel Settings. Users are generally advised to choose one-to-one video recording.

One-to-one: refers to when the channel alarm linkage only the channel for video, such as the following figure (1) when channel produced a report to the police, the corresponding channel a linkage video during this time, packaged as a file type for M's video files.

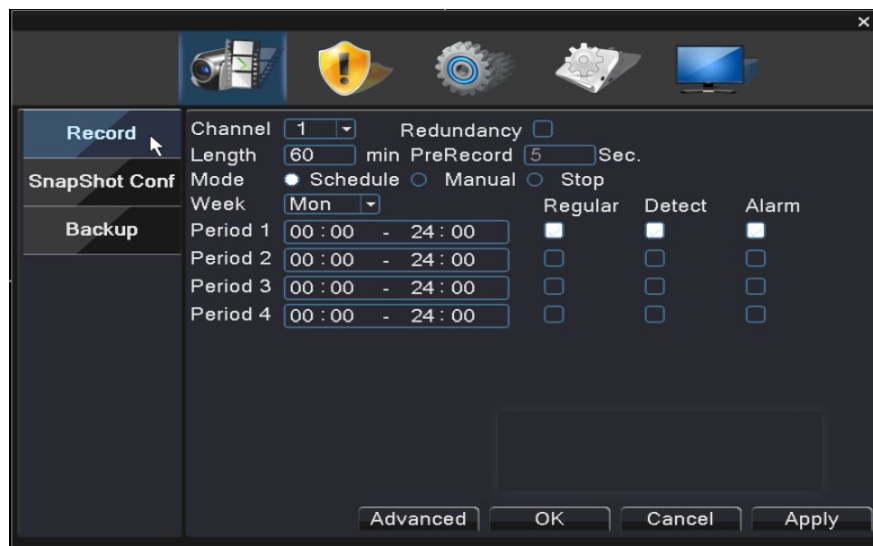


One-to-many: it refers to that when this channel generates an alarm, the selected channel is recorded in the linkage. When the alarm occurs in the first channel, the selected channel is recorded in the linkage, which is packaged as a video file of file type M.

[video delay] : when an alarm signal is generated, the length of the recorded linkage video is 10 seconds by default. The range of 10-300. As shown in the figure below, the video delay is set to 300 seconds.



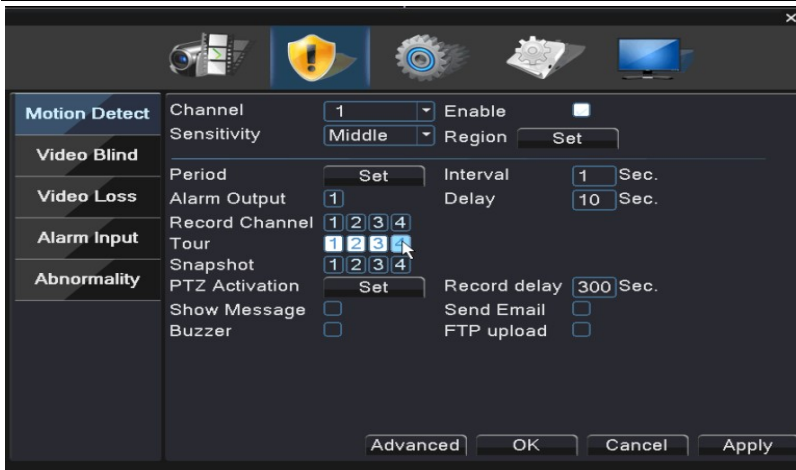
When the video channel is set up, it is attached to the Settings in the video Settings. There are two ways to find video Settings: main menu, video function and video Settings.



If you want to record the image of motion detection, you need to set the time period of the corresponding channel here, so that the time period of "cloth removal and defense" is within the time period of "video setting", you can generally select "00:00-24:00". For more information, see the video Settings section

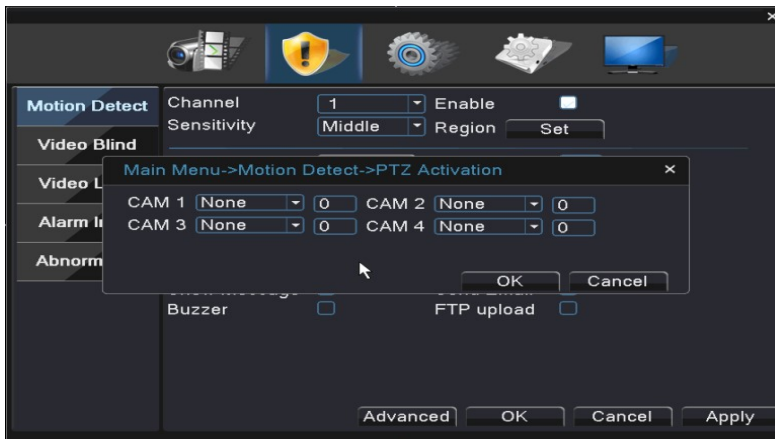
11.2.3 Tour

Tour refers to the channel selected in the channel number. When there is an alarm signal, the selected channel will conduct a single screen tour preview. Here you can select any one or more of these channels to do a tour trip. For example, in the setting shown below, channel 1234 is selected for touring:



11.2.4 PTZ Activation

When the alarm occurs, the cloud platform of the channel is set for linkage
Click the Settings behind [PTZ Activation], and the following screen pops up:



Note: Activate PTZ needs set Preset point, period touring and touring in【shortcut menu】>【PTZ Control】

11.2.5 Sending EMAIL

After sending email box display is black is selected, said alarm occurs at the same time send mail inform the user.

Note: to send an EMAIL, you need to set it in [network services].

11.2.6 Screen prompt

The function of the screen prompt is when the alarm signal is generated, the screen of the local equipment end will have the prompt of [alarm status], and click [ok] to end this prompt. When the box after the "screen prompt" is displayed as "black", it is selected; otherwise, it is not selected.

11.2.7 Buzzer

When an alarm signal is generated, the local device end will produce a period of chirping. When the box after "beeping" is displayed as "black", it is selected, otherwise it is not selected

11.3 Validation

Test the above Settings to see if they are normal. Select channel 1, enable the switch to open, the default time and area of cloth removal defense, screen prompt, beeping select, as shown below, save. Deliberately create a moving signal (such as a wave of the hand in front of the lens), if it can produce a buzz, and a screen prompt window pops up, indicating that the mobile detection alarm setting is correct.



12. PTZ Control

The main functions of PTZ control include: controlling PTZ direction, step length, zoom, focusing, aperture, operating preset point, point to point cruise, tracking, line sweep boundary, auxiliary switch call, light switch, horizontal rotation, etc.

Through the following channels to find the set of feature set interface: directly click the right mouse button in the preview screen, find “PTZ control”, interface is as follows:



12.1 Precondition

1. Before the operation, please make sure that the A and B wires of the ball machine are properly connected to the A and B interfaces of the hard disk video recorder. The connection lines are marked line A and line B. When connecting, the user should first check the interface of the wire (refer to the position of the 485A and B interface of the hard disk video recorder).
2. The functions supported by PTZ shall be determined by the functions supported by PTZ protocol, that is, by the functions of the ball machine purchased by users.
3. Before control, please set PTZ parameters in > [system setting] > [cloud platform setting] of [main menu];

The interface set by PTZ is as follows: figure "A" (the parameter inside is the default value) needs to match the parameters of PTZ. When set up, press ok.



12.2 Basic setting

【Control the direction of PTZ platform】

Control PTZ rotation, support 8 direction control

[step size] is used to set PTZ rotation amplitude (speed of rotation). The larger the number, the larger the amplitude, and the setting range: 1 ~ 8

【Zoom】 Through  /  buttons to adjust camera magnification;

【Focus】 Through  /  buttons to adjust the camera to focus

【Aperture】 Through  /  buttons to adjust camera aperture;

【High-speed PTZ】 After selecting, the full screen displays the channel surface. Hold down the left mouse button to control PTZ for quick rotation positioning. Press and hold the left mouse button and rotate the mouse pulley to adjust the magnification of the camera.

12.3 Function setting

Picture 12.2 Function setting interface

1、Preset positions

Set a position as a preset point, call the preset point value, PTZ automatically turns to the set position.

1) Preset positions setting

Setting a certain orientation as a preset point, the steps are as follows:

Step 1: turn the cloud platform to the preset point through the direction key, and click the [+] key.

Step 2: enter the preset point "value" in the preset point input box (set a name for the preset point, such as 1 and 2).

Step 3: click the start button to complete the setting, that is, the preset point value corresponds to the preset point position.

Clear the preset point: enter the value of the preset point and click the [-] button to clear the preset point.

2) preset point adjustment

Enter the PTZ control interface as shown in the figure. Enter the "value" of the preset point in the value input box and click the start button, that is, PTZ runs to the corresponding preset point.

2、Period Tour

The tour path is connected by multiple preset points, period tour is adjusted, and PTZ runs repeatedly on the set tour path.

1) period tour setting

The tour path is a tour trace formed by connecting multiple preset points. The setting steps are as follows:

Step 1: turn PTZ to the specified direction through the direction key.

Step 2: click the start button of Trace, enter the tour line value in the tour dialog box, and enter the preset point value at the preset point.

Click to add the preset point key, that is, set the specified location as one of the

preset points of the period tour.

You can also add and remove preset points that have been set for the tour trace

Step 3: repeat steps 1 and 2 until all the preset points for specifying the tour trace are set

Clear the preset point: enter the preset point and click the [-] button to clear the preset point.

Clear the tour trace: enter the number of tour trace and click the [-] button to clear the clear tour trace Settings.

12.4 Interpoint tour Settings

2) Interpoint tour adjustment

In figure 12.1, click the page switch button to enter the platform control interface as shown in figure 12.3. Enter the tour value between points in the value input box, and click the tour button between points, that is, the cloud platform runs repeatedly on the tour line. Click the stop button to stop the tour.

3、Tour trace

By operating the cloud platform, a track route is set up and the track is called. The cloud platform runs repeatedly on the set track line.

1) path setting

The path setting of the trail is as follows:

Step 1: enter the platform control interface;

Step 2: enter the trace value in the trace value input box;

Step 3: click the start button to perform a series of operations, such as doubling, focusing, aperture or direction, and click the stop button to end.

Step 4: click the "+" button to complete the setting. That is, the trace value corresponds to the corresponding route, right - click exit Settings page.

12.5 Tour setting

2) Tour adjustment

Enter the control interface of the cloud platform, enter the number of tours in the input box of the tour value, and click the start button, that is, the cloud platform runs according to the set route. Click the direction button to stop.

On the horizontal line, set a route, call line sweep, the cloud platform according to the set of the route repeated operation.

1) setting of line sweeping

Setting a horizontal arc as the track of cloud platform search, the steps are as follows:

Step 1: control the direction key to rotate the cloud platform to the specified direction and select the left boundary.

Step 2: control the azimuth key to select the specified position, select the right boundary point;

Step 3: complete setting, that is, setting the position to the left edge and the right edge.

Note: the left and right sides of the boundary are at the same horizontal line and will rotate from the left edge point to the right edge point in the opposite direction according to the cloud platform. Around the border is not in the same horizontal line, yuntai only when connected to the left boundary point level at the end of the line as the right boundary point, from the left boundary point along the opposite direction of rotation to right boundary point, cyclic rotation.

2) wire sweep recall

Enter the control interface of the cloud platform and click the line scan button
Run it over and over again. Click the stop button to stop the line sweeping.

5. Horizontal rotation

Click the horizontal rotation button, and the cloud platform rotates horizontally (rotate horizontally relative to the original position of the camera). Click the stop button to stop

6, Flip

Click the flip button to flip the platform.

7 reset

The cloud platform is restarted and all Settings are set to zero.

8. Coaxial control

In PTZ control interface, click the switch to the coaxial control control, click on the [switch] choose channel, control mode, protocol, can also be used in the main menu > Settings > system yuntai set to select, after finishing the selection can be controlled by coaxial call up front the camera menu operation, and to change the camera parameters configuration Settings. (require front camera to support coaxial control)



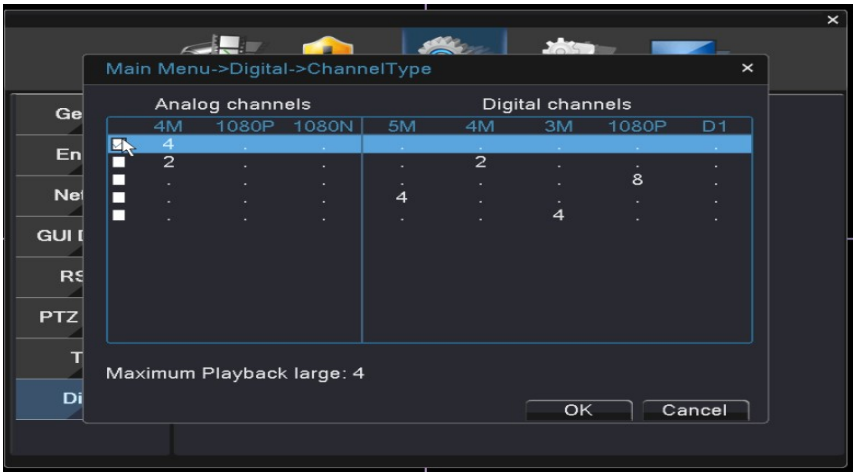
PTZ Device		RS485 Device
Channel	All	
Control	Coaxial	
Protocol	HD-TVI	NONE
Address	1	1
Baudrate	2400	9600
Data Bits	8	8
Stop Bits	1	1
Parity	None	None

OK Cancel Apply

13.Channel management

13.1 Channel mode: you can choose simulation, digital channel, simulation +

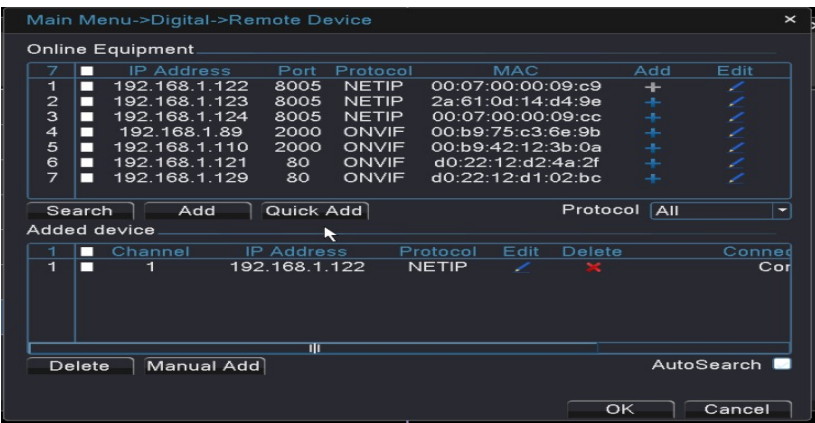
digital mixture. The lower left corner of the interface will display the maximum number of simultaneous playback channels of the check mode.



Adding devices in digital mode (the same as NVR products)

There are two ways to add a device,

One is to enter the system Settings -> channel management -> remote device or right mouse button to pop up the selection bar and select the remote device, as shown below.



[search] to find the IPC of the internal LAN line

[add] select the IPC in the search list box to add

[edit] modify the IP of the IPC in the search list box

[delete] delete the added IPC

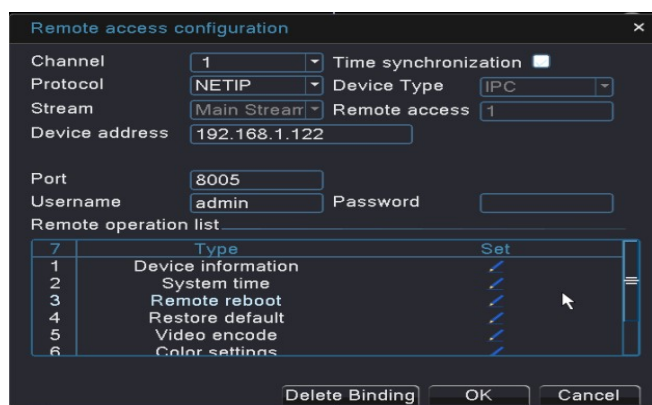
[manual add] add IPC manually, and enter the correct IP, port, username and password to add IPC.

[IPC plug and play] when IPC is enabled, online IPC is added automatically

There is also a quick way to add devices, click on the preview screen  , Select the IPC to add and double-click.

Remote channel configuration

Remote operating for the device that has been added, and the cursor moves to the middle of the channel  , as this image



[equipment information] check the basic information of the front-end IPC

[system time] check the current time of the front-end IPC and synchronize the IPC time with the device

[remote restart] remote restart of front-end IPC

Restore some default configuration of the front-end IPC

[video encoding setting] remote configuration of front-end IPC main and auxiliary code stream resolution, frame rate, code stream value, etc

[image color] adjusts the brightness, contrast and saturation of the image.

[delete binding] delete IPC.

Part II Remote Control

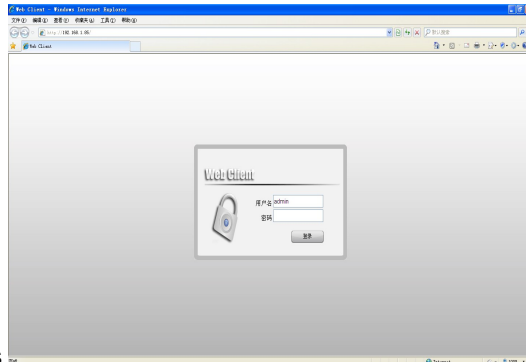
In the browser input products set the IP address of the remote access equipment, network remote monitoring, due to the effect of the network, need to download and install the control for the first time, individual product need to use a CD or manual install plugin. Otherwise you cannot log in the device remotely.

1. WEB Remote Access

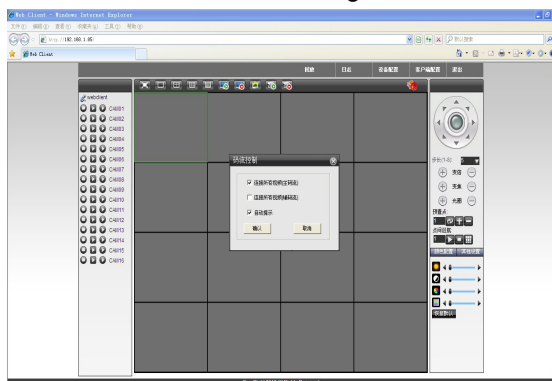
1.1 web Login

After the network is connected, log in the DVR device for remote monitoring using the browser of PC. See the WEB client instructions for specific

operations.



WEB login interface



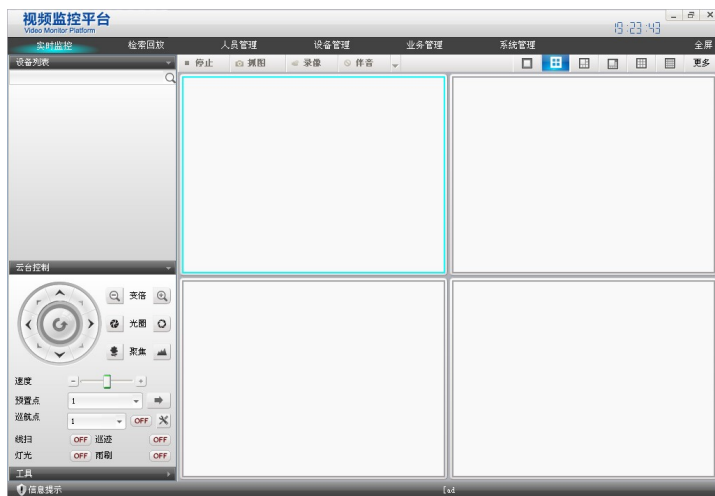
WEB main interface

2. CMS3.0 Remote Access

CMS in multiple remote monitoring equipment professional software, with a safe, convenient, stable and more equipment advantages of unified management, and convenient installation don't need to download the plugin, advising clients to use. See CMS3.0 user manual for specific operation.



CMS3.0 login interface



CMS3.0 main interface

3. Cloud Service

Cloud service enables remote access without port mapping by simply entering the device ID.

Open the Internet explorer browser, enter <http://www.daeye.net>, and log into the cloud service web page client. You can register an account, log in by user, or log in by device ID. See the cloud service user manual for detailed operation.



Cloud service login interface

Note: server address and device ID can be viewed under system Settings -> network service -> cloud service.

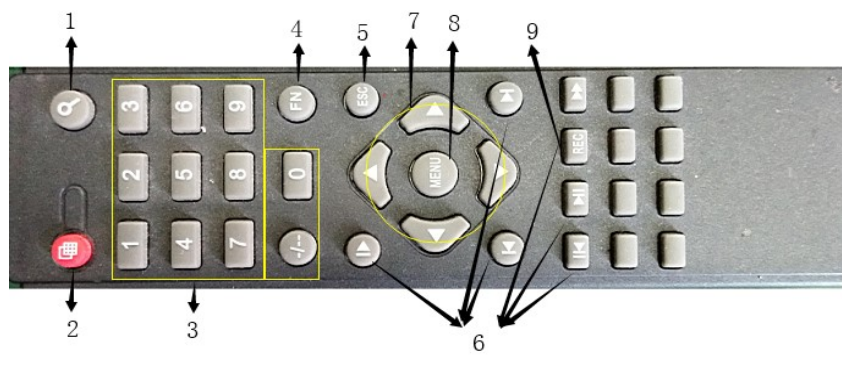


4.Mobile Monitor

As shown above, you can also open this interface in the boot wizard. According to the system of the mobile phone, scan the corresponding qr code to obtain the

application software "XVRPro".

Option 1 Remote control Operation



No	Name	Function
1	search key	Click to enter the video playback interface
2	Multiple images key	Enter the multi-screen preview screen
3	Number key	Password entry, numeric entry, or channel switching
4	FN key	Popup FN window
5	Exit key	exit
6	Playback control key	Perform basic operations while recording playback
7	direction key	Control action options, switch Windows
8	MENU	Enter the main course single key and confirmation key
9	Video	Enter the video control menu

	control key	
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Option 2 Mouse Operation

This document takes the right hand mouse habit as an example

Operation	Function
Double-click the left mouse button	When the video is played back, double-click one of the items in the video file list to play back the video. Double - click playback video to zoom in or out of the screen
	When previewing the page, double-click a channel and click the channel in full screen. Double - click again to restore multi - screen
Click the left mouse button	Under the menu page, select the corresponding function
Click the right mouse button	When you preview the page, the desktop shortcut menu pops up
	In menu operation, the shortcut menu pops up
Turn the mouse wheel	Turn the mouse wheel to add and subtract the numerical value when setting the numerical value
	Switch the options in the combo box
	Scroll up and down the list box
mousemove	Select a control or control item in the current coordinates to move
Drag the mouse	Set the movement detection area
	Set the area covered by the zone