

User Guide of NVR CMS2000

(For Windows)

2015-10 Rev1.0

Statement

This manual may have some not enough accurate description on technical details or some printing errors, if you couldn't solve the problem by this manual, please contact our technology department for help. We will update the contents of this manual according to the function enhancement of our products,. and will improve or update the products or procedures described in the manual regularly. Updates will be added in the new version of this manual without prior notification.

User Attention

1. Installation Environment

-  Please stay far away from the heat source and environment of high temperature; Avoid the direct sunlight.
-  Pay attention to waterproof. Please cut off the power once the device is exposed to water.
-  Please avoid to use the device in the wet environment. Please use it in the referenced humidity scope(under 85%RH)
-  Please avoid to use it in a super heated or super cooled environment, Please use it in the referenced temperature range(-10℃ ~ +50 ℃)
-  The device should be installed horizontally or wall hanging, please avoid installing in a place with violent vibration, don't put other devices on it.

2. Shipping and Transport

-  The package has anti-seismic design and test to ensure the camera will not get accidental damage in transport, so it is better to use the original package and carton during transit.
-  Please avoid moving camera between super heated and super cooled environment, to ensure the inner of the camera will not frost to affect working life.
-  It is strictly prohibited to move the machine with power, otherwise the mainboard will be damaged.



Attention:

1. Please check whether the power supply is correct before running the camera .
2. Please don't let the product fall to ground or get a violent knocking.
3. Please don't touch the image sensor directly. If necessary please use the clean cloth with alcohol clean the dusty of sensor softly. Please cover the anti-dust cover when camera is not used to protect the image sensor.
4. Avoid aiming to hard light (such as lights, sunlight ,etc) when focusing, Otherwise it will be easy to cause a too bright or optical phenomenon (It is not a Camera malfunction) and affect the working life of image sensor.
5. Laser may burn image sensor, please be carefully that don't let the surface of image sensor exposed to a laser beam when laser device is used.
6. Please contact the stores where you buy the camera or contact the service center when the camera doesn't work properly. Please don't disassemble or modify the equipment in any way (the problems caused by unauthorized modifications or repairment will be your responsibility).

目录

1. Introduction Of CMS2000	错误! 未定义书签。
2. Runing Environment	错误! 未定义书签。
3. Installation of the Client Software CMS2000	错误! 未定义书签。
4. Running CMS2000 Client	错误! 未定义书签。
5. Main Menu	错误! 未定义书签。
5.1. System Setting(Add NVR)	错误! 未定义书签。
5.1.1. Monitor Management	错误! 未定义书签。
5.1.2. Local Configuration of CMS Clie	错误! 未定义书签。
5.1.3. Configuration of Device(NVR settings)	错误! 未定义书签。
5.1.3.1. Version Information	错误! 未定义书签。
5.1.3.2. Log	错误! 未定义书签。
5.1.3.3. Default/ Backup	错误! 未定义书签。
5.1.3.4. System Setting	错误! 未定义书签。
5.1.3.5. Channel Configuration (Add IP Cameras)	错误! 未定义书签。
5.1.3.6. Recording Plan	错误! 未定义书签。
5.1.3.7. User Accoun	错误! 未定义书签。
5.1.3.8. Network Setting	错误! 未定义书签。

5.1.3.9.	Exception Handling.....	错误! 未定义书签。
5.1.3.10.	Recording control(Recording Setting Manually).....	15
5.1.3.11.	Hard Disk Information.....	错误! 未定义书签。
5.1.4.	User Management(login CMS Account Management)...	错误! 未定义书签。
5.1.5.	The client log.....	错误! 未定义书签。
5.2.	Recording Function.....	错误! 未定义书签。
5.2.1.	Recording program(CMS Local Recording).....	错误! 未定义书签。
5.2.2.	Recording Replay.....	错误! 未定义书签。
5.3.	Pan-Tilt.....	错误! 未定义书签。
5.4.	Image Color	错误! 未定义书签。
6.	Device List.....	错误! 未定义书签。
7.	Operational events	错误! 未定义书签。
8.	View Window	错误! 未定义书签。
8.1.	View	错误! 未定义书签。
8.2.	Window Control	错误! 未定义书签。

1. Introduction of CMS2000

CMS2000 is the client centralized monitoring management software that work with NVR in Windows PC OS. It integrates multi-language, local user management, local recording and network setting practical functions ,etc.

2. Running Environment

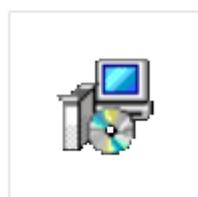
- CPU: Dicaryon 1.6G
- RAM: Over 1G
- HDD:Over 500G
- Operating System: Windows xp/Windows 7/Windows 8/Windows 8.1/Windows 10
- Scree Resolution: $\geq 1024*768$ (Support $\geq 1024*768$ or Above)

3.Installation of the Client Software CMS2000

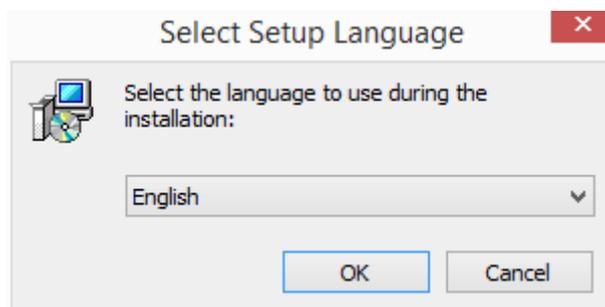
Get the CMS2000 Installation Software

Get the Installation Software from CD

Download the Installation Software from the Offical Website



NVR_CMS2000_20150930.exe

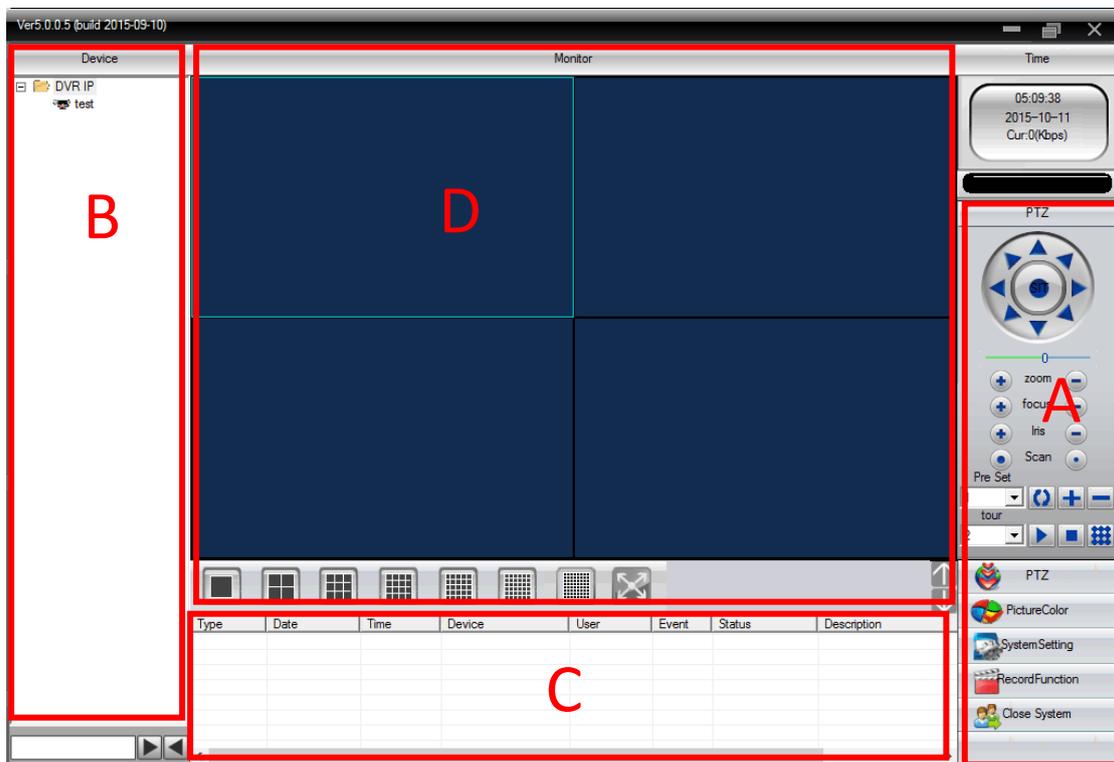


桌面快捷图标
The desktop
shortcut icon

4. Running the Client of CMS2000



A login dialog box titled "Login" with a close button (X) in the top right corner. It contains two input fields: "Username" with the text "admin" and "Password" with "xxxxxx". Below the fields are two checkboxes: "Save Password" (checked) and "AutoLogin" (unchecked). At the bottom are "OK" and "Cancel" buttons.



The main interface of the CMS2000 client, version 5.0.0.5 (build 2015-09-10). It features a top status bar with the time "05:09:38" and date "2015-10-11". The interface is divided into several sections:

- B**: A left sidebar labeled "Device" showing a tree view with "DVR IP" and "test".
- D**: A large central "Monitor" area displaying a 2x2 grid of dark blue video feeds.
- C**: A table at the bottom for "Operation events" with columns: Type, Date, Time, Device, User, Event, Status, and Description.
- A**: A right sidebar containing a "PTZ" control panel with a directional pad, zoom, focus, iris, and scan buttons, and a menu with options like "PictureColor", "SystemSetting", "RecordFunction", and "Close System".

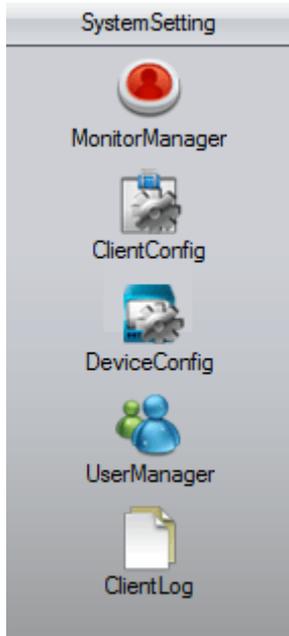
- A: Main Menu
- B: Device List
- C: Operation events
- D: View Window

5. Main Menu

5.1 System Setting(Add NVR)

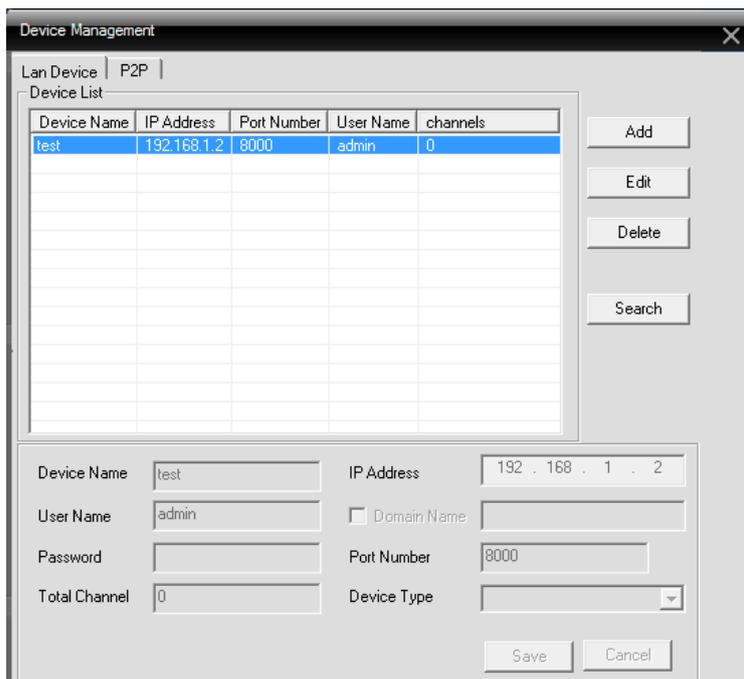
The user need to add NVR in Monitor Management Interface when running the CMS client, or do the network configuration in the “Device Config”.

NVR default username/password:admin/123456



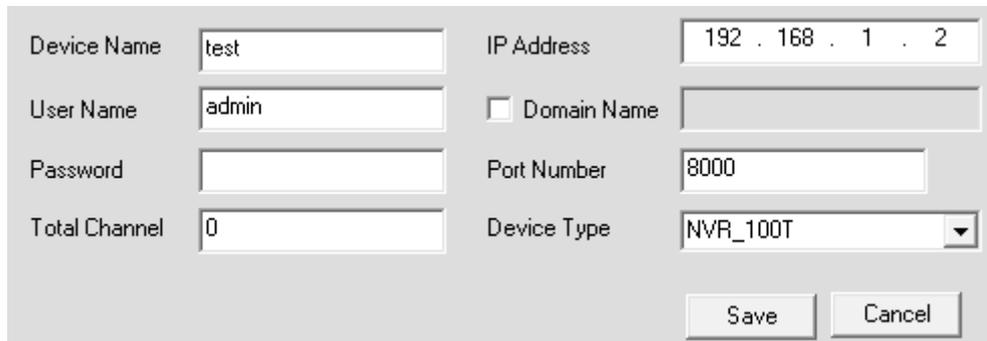
5.1.1 Monitor Management

The CMS client only support local adding.



Manually add: as below

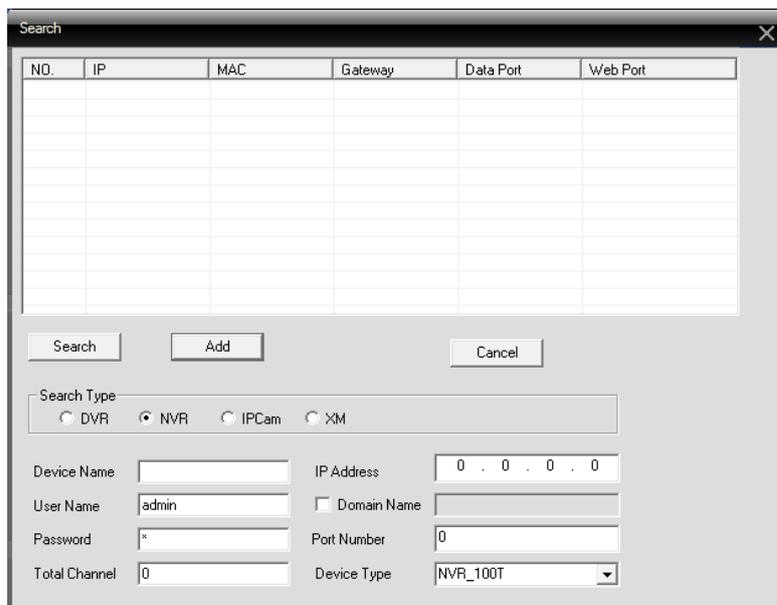
Click the "Add" button, fill in the corresponding parameters according to the edit box information, then can add the NVR successfully.



A screenshot of a manual configuration dialog box for adding an NVR. The dialog has a light gray background and contains several input fields and buttons. The fields are arranged in two columns. The first column contains: Device Name (text box with 'test'), User Name (text box with 'admin'), Password (empty text box), and Total Channel (text box with '0'). The second column contains: IP Address (text box with '192 . 168 . 1 . 2'), a checkbox for Domain Name (unchecked), Port Number (text box with '8000'), and Device Type (dropdown menu with 'NVR_100T' selected). At the bottom right, there are two buttons: 'Save' and 'Cancel'.

Add by **searching automatically:** as below

Click the "Search" button to enter the local area network (LAN) searching interface, search to add the NVR.

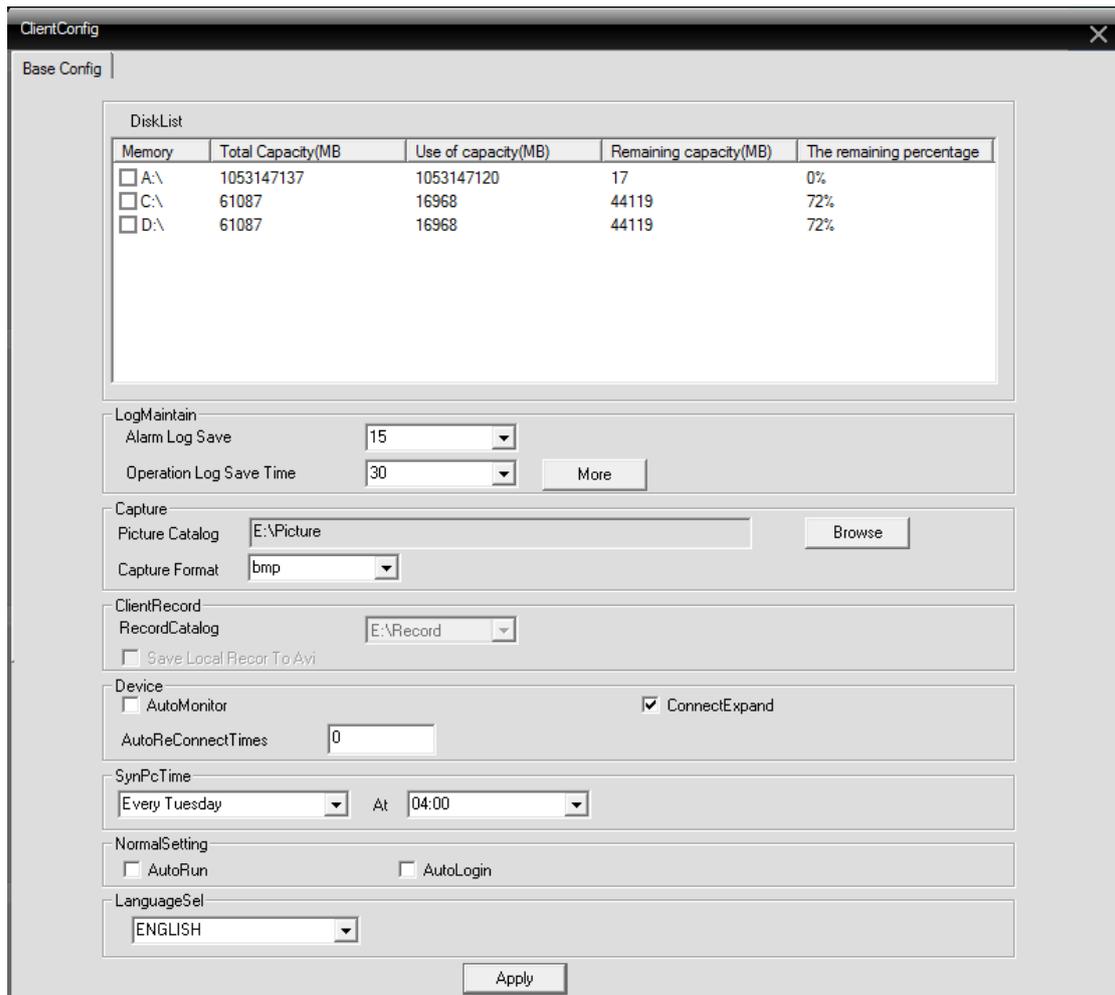


A screenshot of an automatic search dialog box titled 'Search'. The dialog features a table with six columns: NO., IP, MAC, Gateway, Data Port, and Web Port. Below the table are three buttons: 'Search', 'Add', and 'Cancel'. Underneath the buttons is a 'Search Type' section with four radio buttons: 'DVR', 'NVR' (which is selected), 'IPCam', and 'XM'. At the bottom, there are input fields for: Device Name (empty), IP Address (text box with '0 . 0 . 0 . 0'), User Name (text box with 'admin'), a checkbox for Domain Name (unchecked), Password (text box with '*'), Port Number (text box with '0'), Total Channel (text box with '0'), and Device Type (dropdown menu with 'NVR_100T' selected).

5.1.2 Local Configuration of CMS Client

The user can set the local information through Configuration of CMS Client. Such as The disk selection, Alarm setting ,taking photo, record format, time setting ,CMS

Language switch and so on.

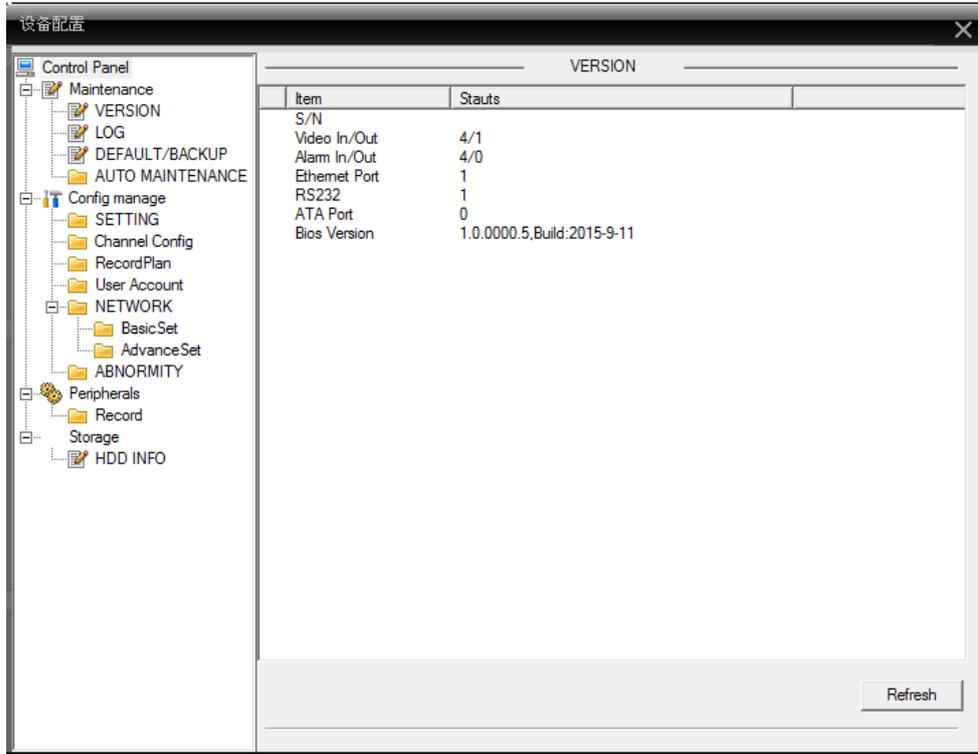


5.1.3 Configuration of Device(NVR settings)

Maintenance Management

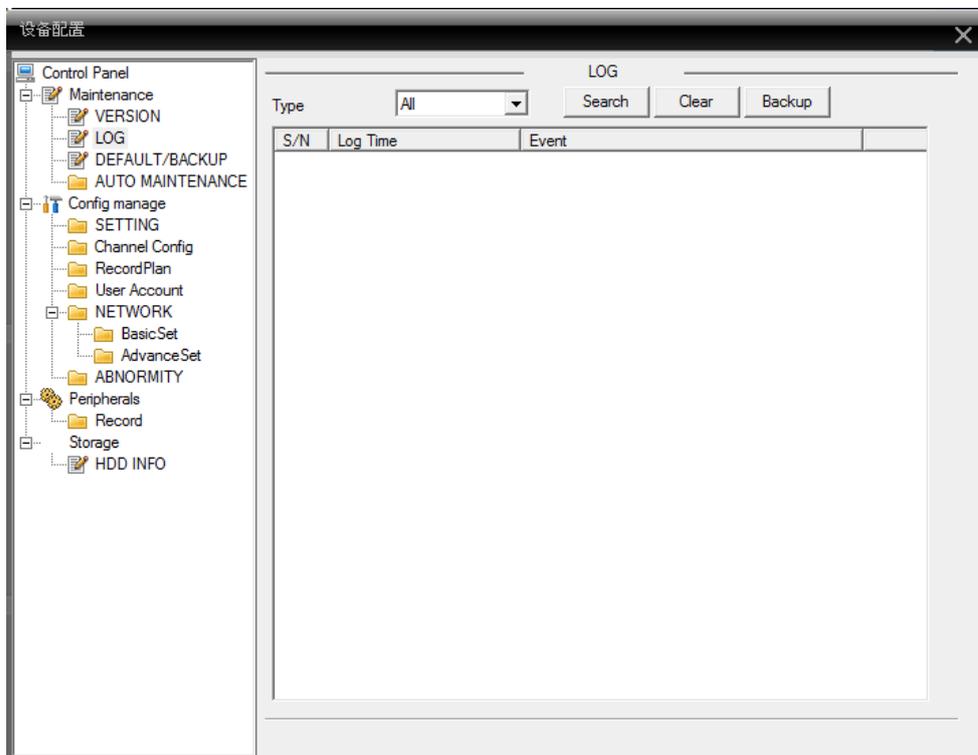
5.1.3.1. Version Information

Show the software version information and other parameters of NVR



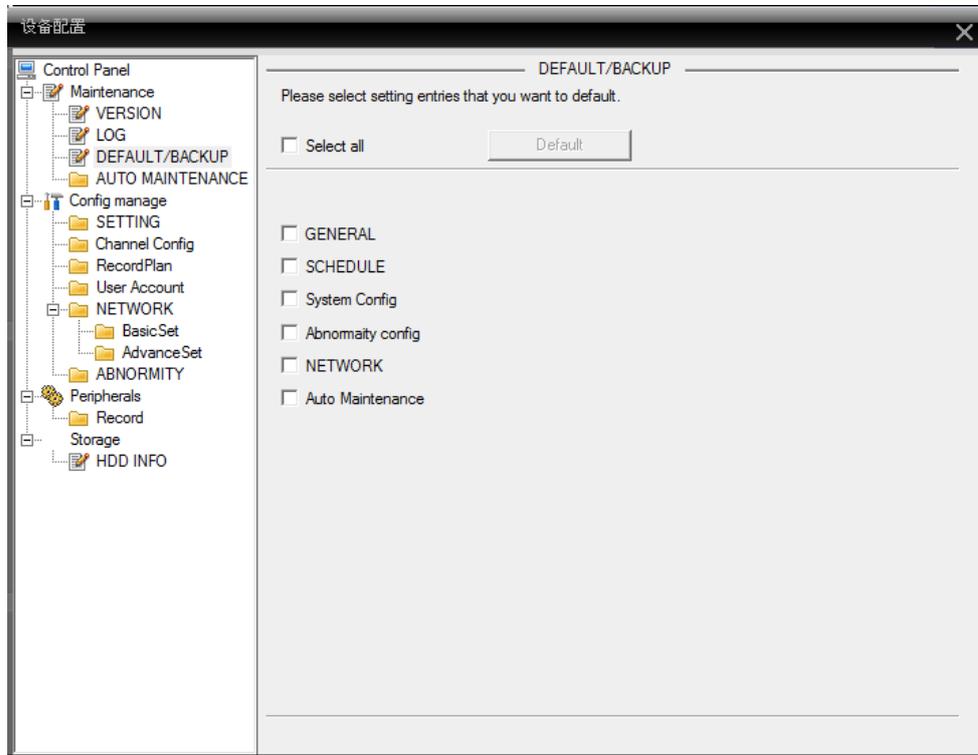
5.1.3.2 Daily

Show and inquire the logs of NVR operations.



5.1.3.3 Default/ Backup

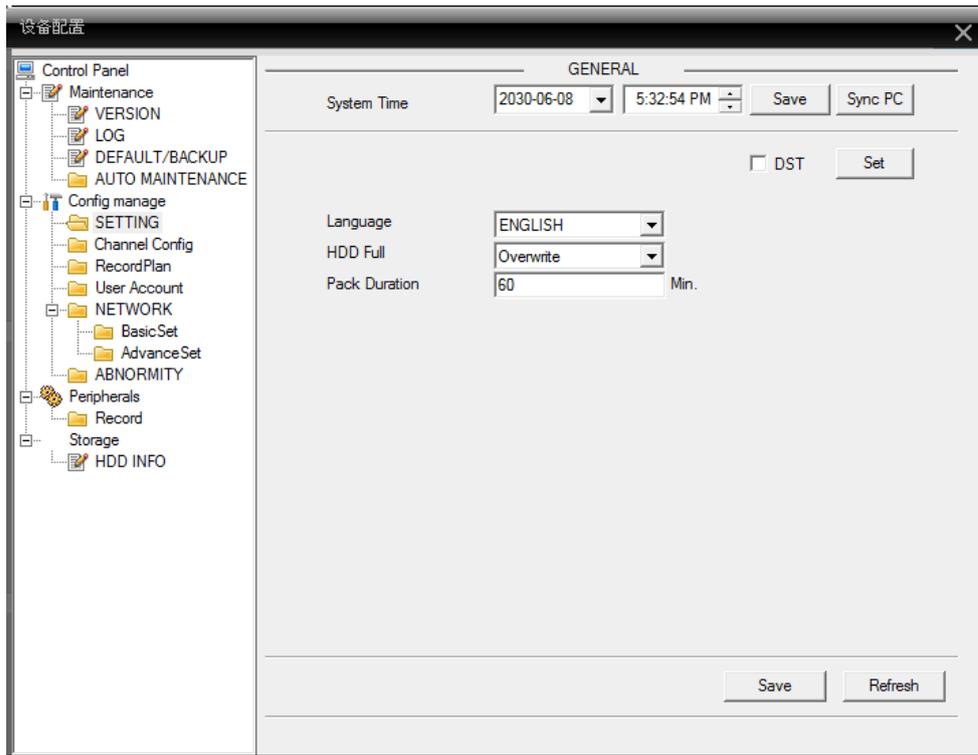
The user can restore the factory configuration parameters, or restore a certain function to factory default values.



Configuration Management

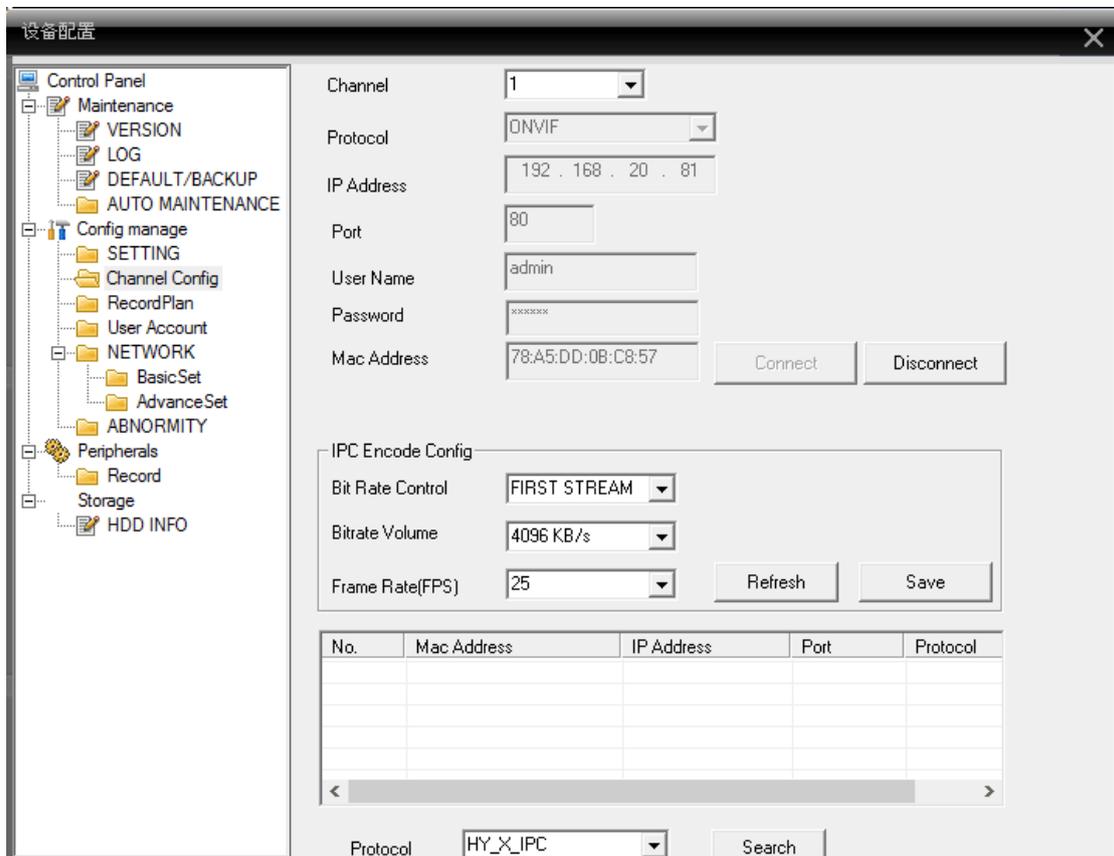
5.1.3.4. System Setting

The user can set the System Time, System Language, State of the records, The Length of the record files and so on.



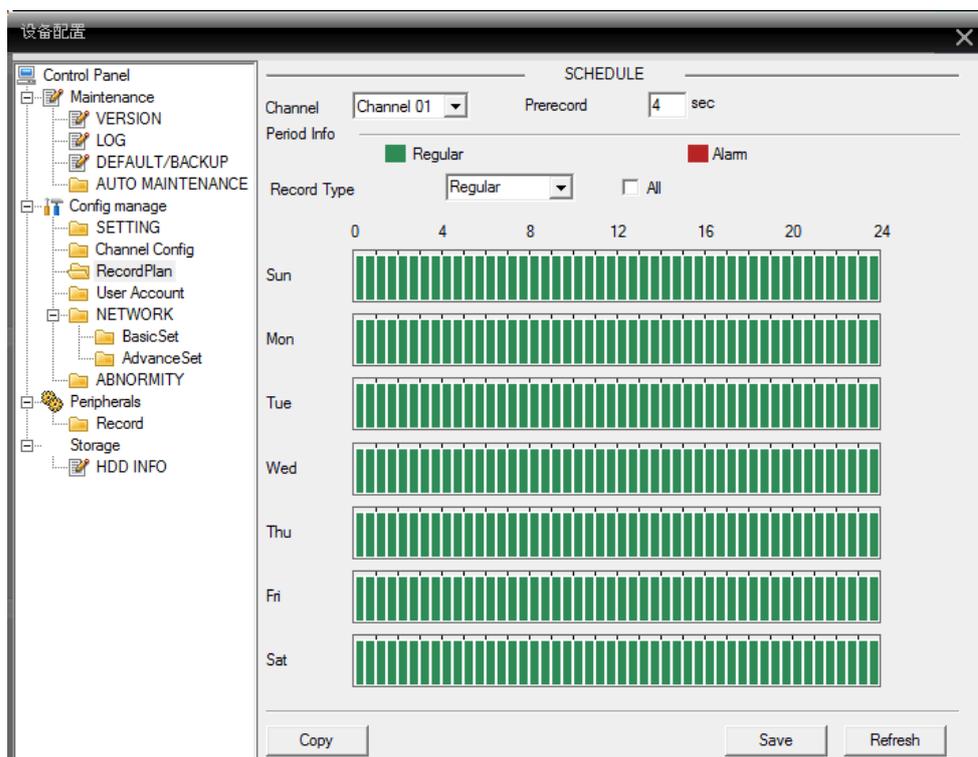
5.1.3.5. Channel Configuration (Add IP Cameras)

The user can add IP camera to NVR through Channel Configuration. The NVR support camera of M series and X series, also support Onvif camera.



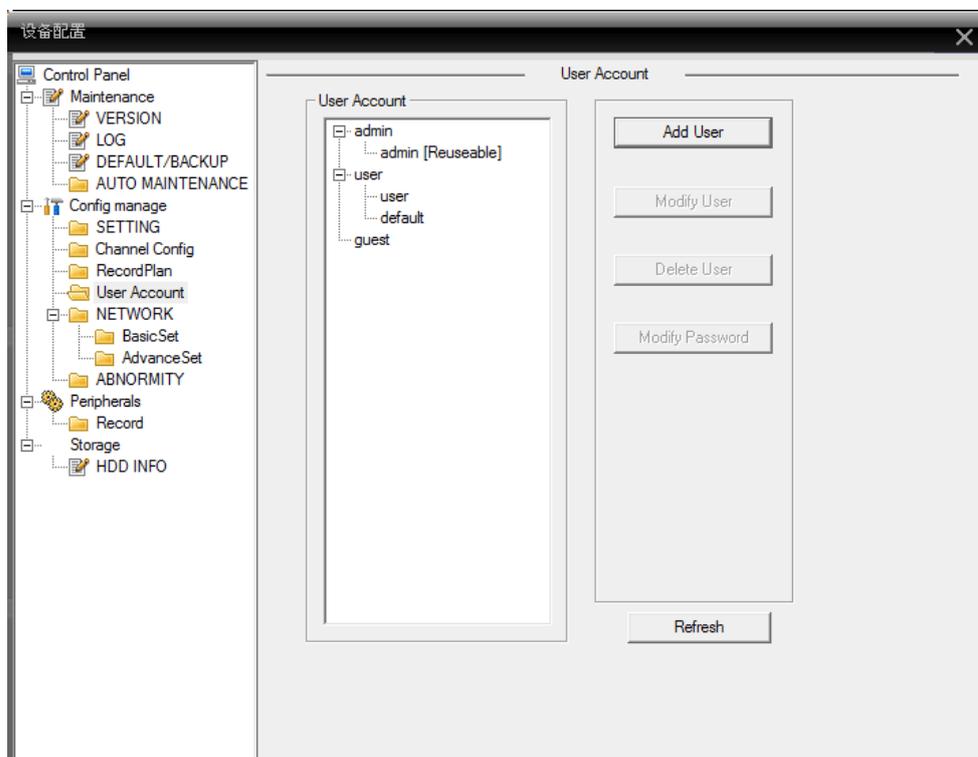
5.1.3.6. Recording Program

The user can control the video type of every channel(IP camera).



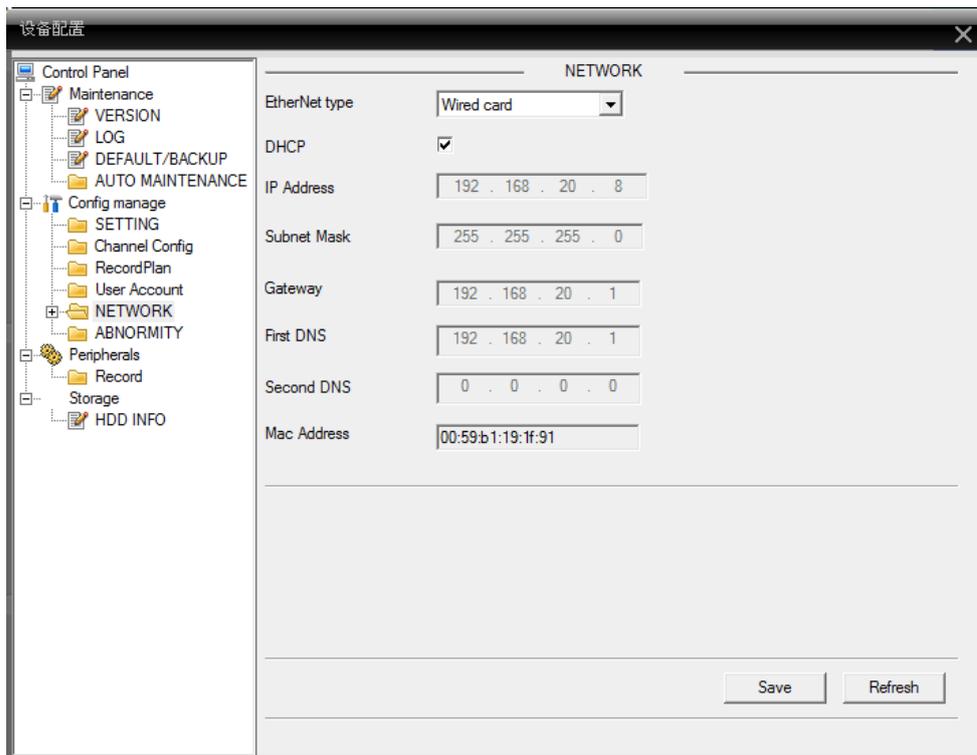
5.1.3.7. User Account

The user can manage the account and password of NVR logged in through "User Account"



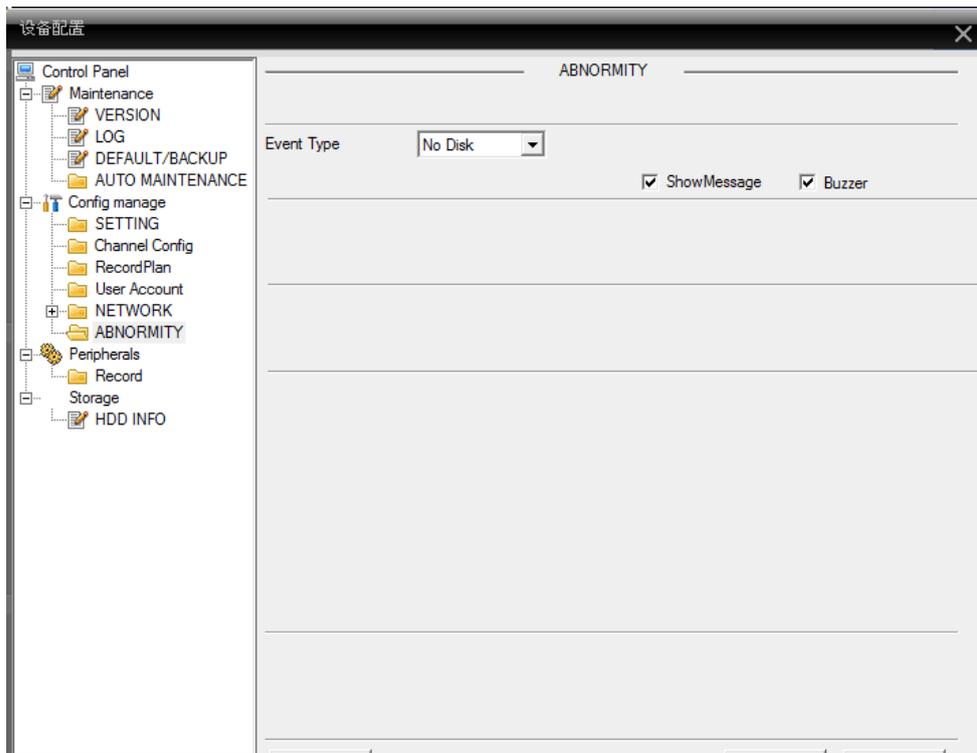
5.1.3.8. Network Setting

To view the IP address, MAC address and edit the IP address of NVR.



5.1.3.9. Exception Handling

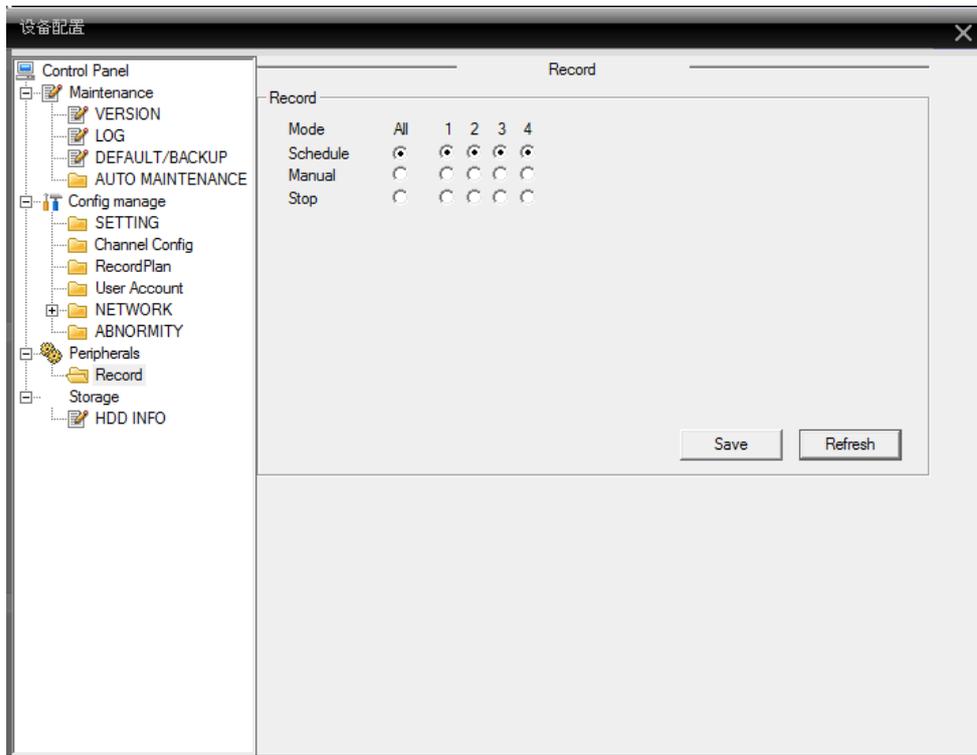
The user can set an exception handling alarm, such as No hard disk alarm prompt, hard disk free space alarm prompt and hard disk error alarm prompt.



Peripheral Management

5.1.3.10. Recording control(Recording Settings Manually)

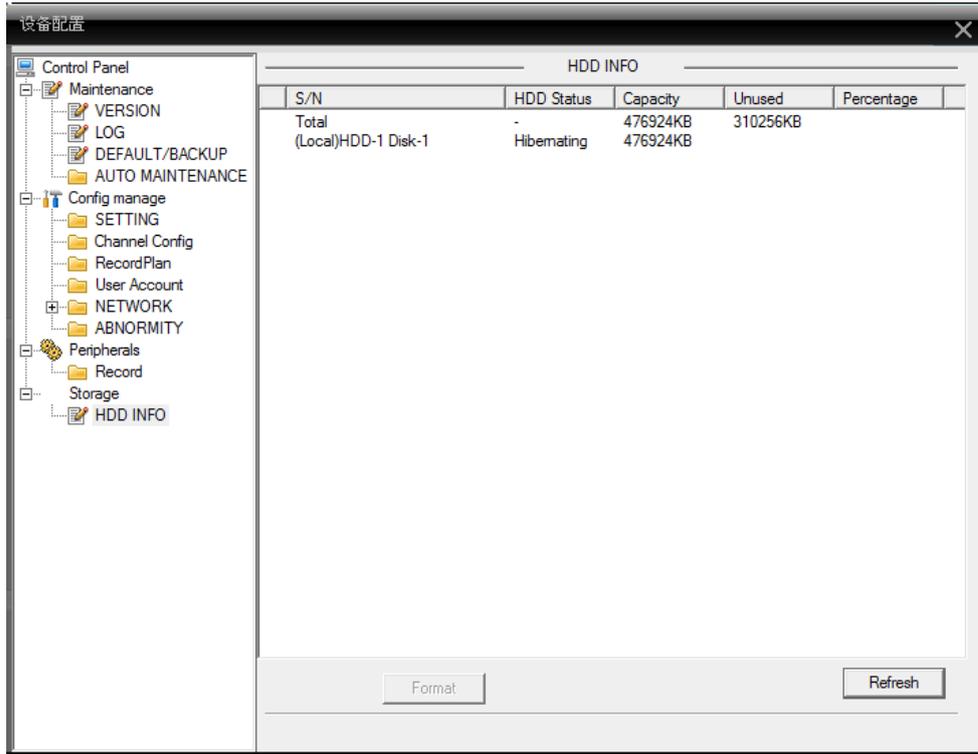
Open and close the video manually; it will default as factory values after the NVR is restart.



Storage Administration

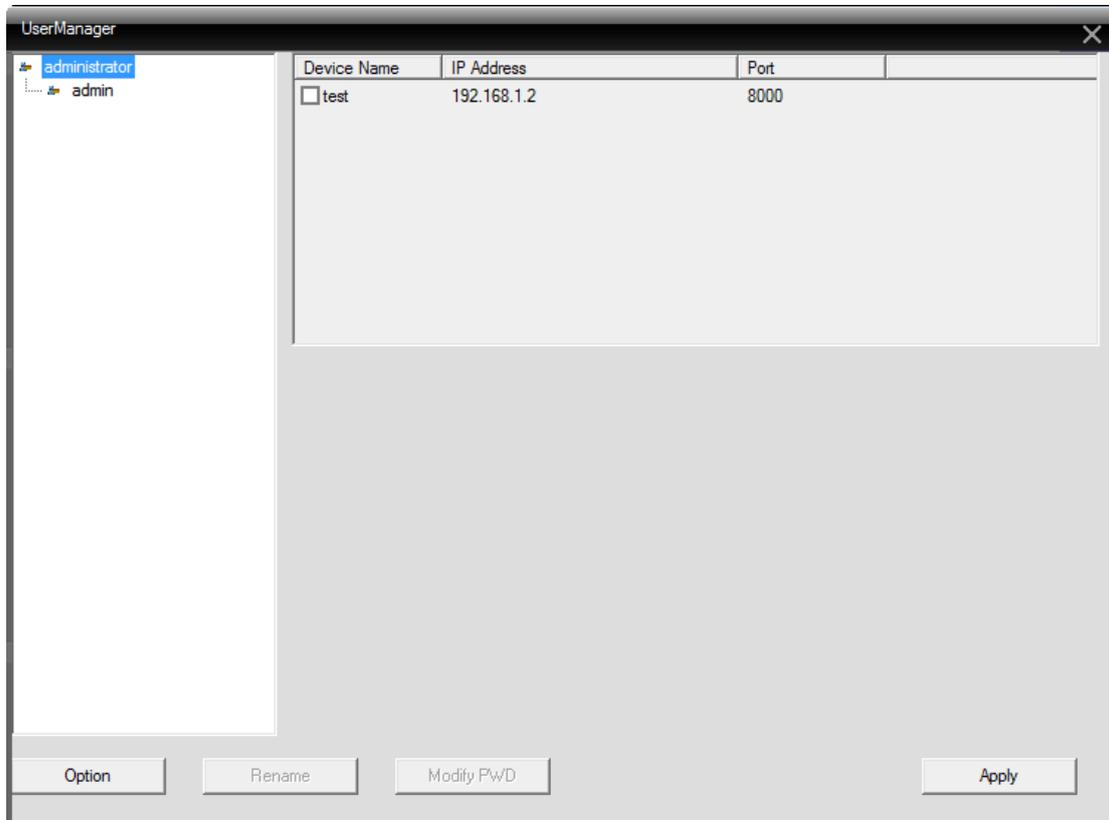
5.1.3.11. Disk Information

The user can view the hard disk drive status and format the disk,etc.



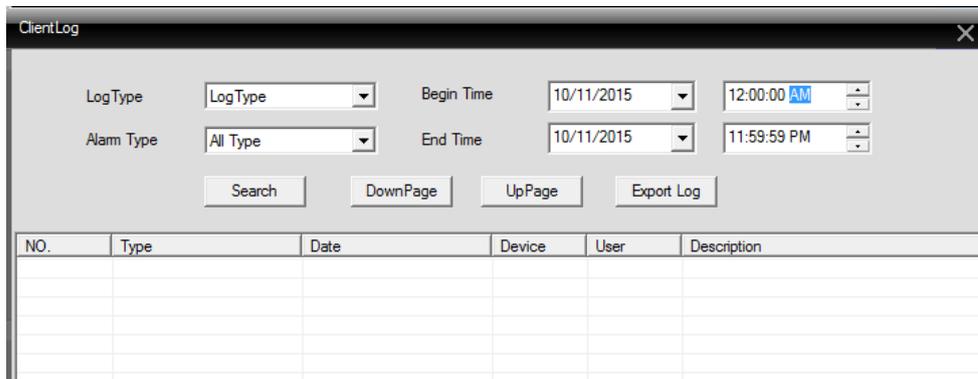
5.1.4. User Management(Login CMS Account Management)

The user can edit the account of logging in CMS.



5.1.5. The client log

The user can view the function operation logs of CMS

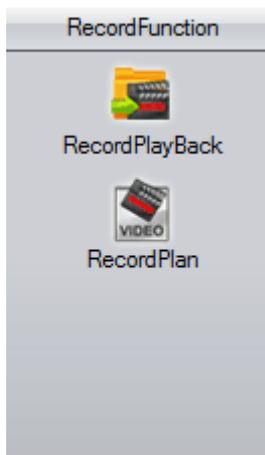


The screenshot shows a window titled "ClientLog" with a search interface. It includes dropdown menus for "Log Type" (set to "Log Type") and "Alarm Type" (set to "All Type"). Time filters are set for "Begin Time" (10/11/2015, 12:00:00 AM) and "End Time" (10/11/2015, 11:59:59 PM). Below the filters are buttons for "Search", "DownPage", "UpPage", and "Export Log". A table with the following columns is displayed below the buttons:

NO.	Type	Date	Device	User	Description

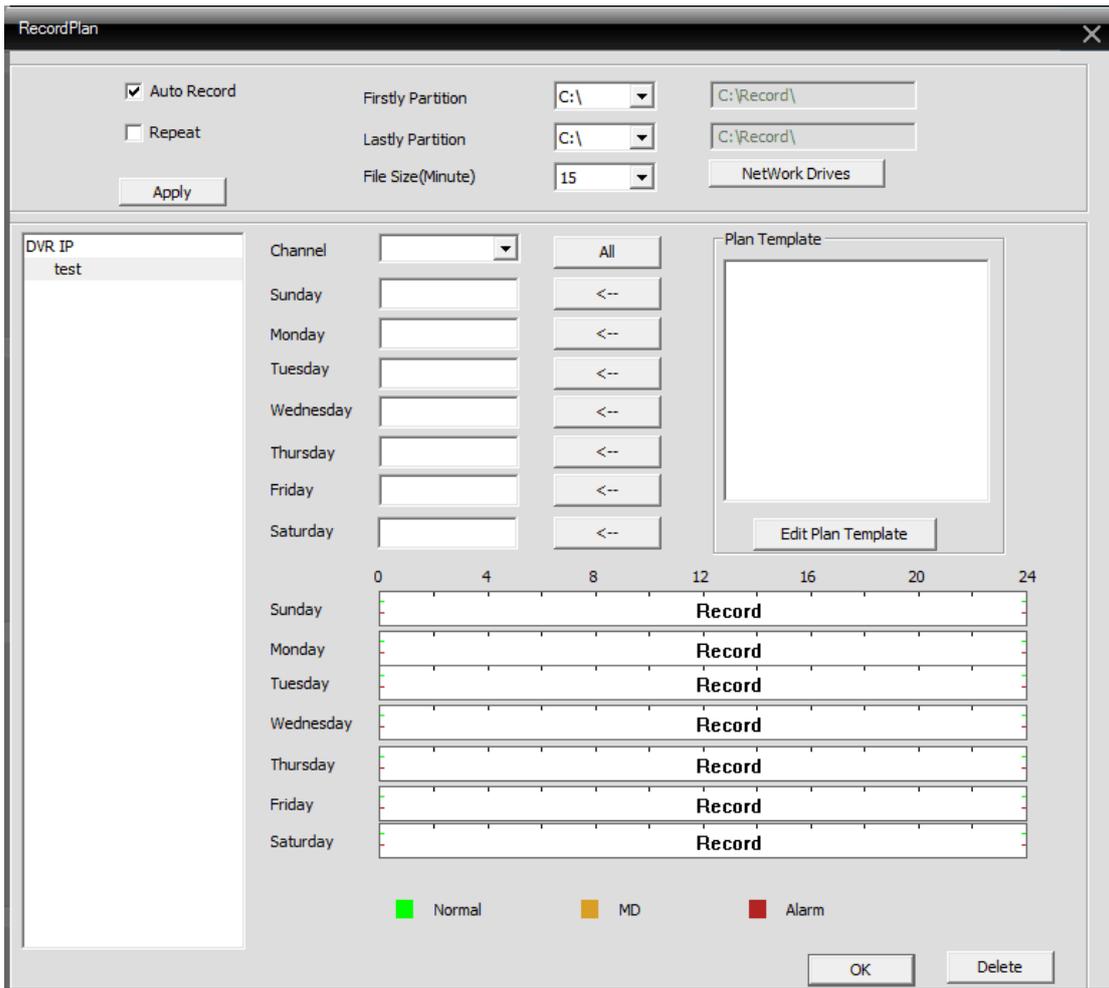
5.2. Recording functions

The user can set and playback the video through CMS.



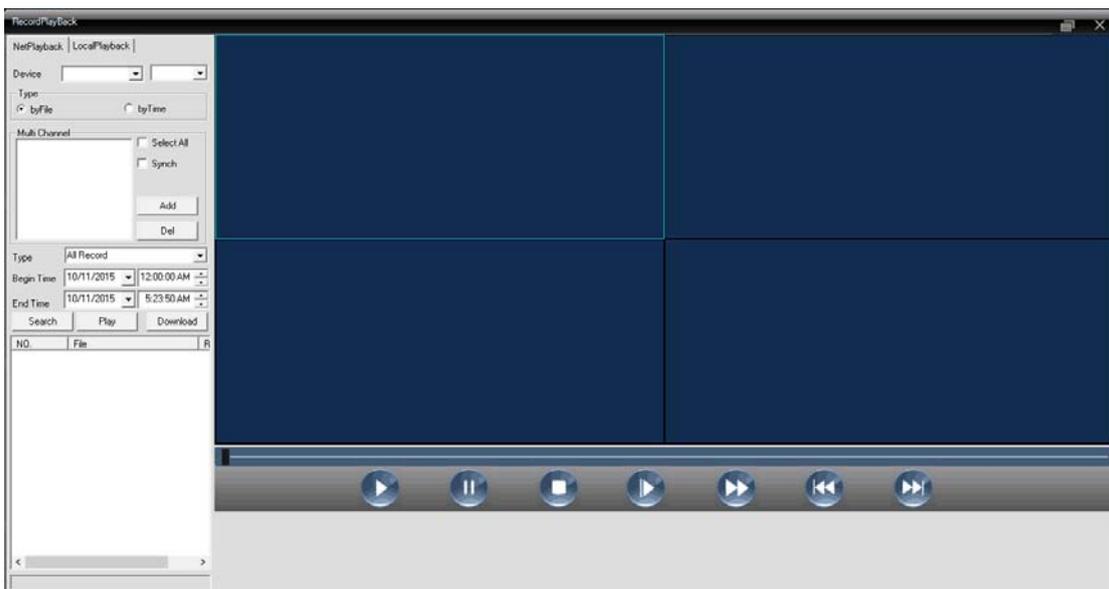
5.2.1. Record program(CMS Local record)

Choose the NVR that need to set up the recording type and recording time, as well as the recording drive, etc.



5.2.2. Recording playback

Support playback the records in NVR hard disk and CMS local recording files through network.



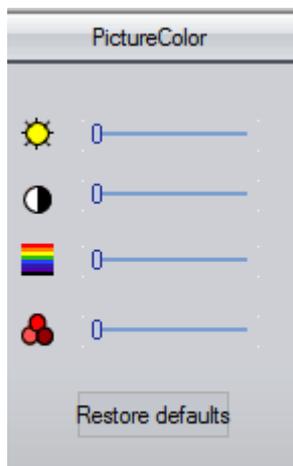
5.3. Pan-Tilt

After selecting a view window, The user can control Pan/Tilt, Zoom, Focal and preset functions by PTZ function of IP Camera.



5.4. Image Color

The user can adjust image color parameters according to image color when viewing the image.



6. Device List

The user needs to double click the NVR to connect after adding NVR. The NVR list will show the channels after connecting successfully, the user can select play mode and play by right click..

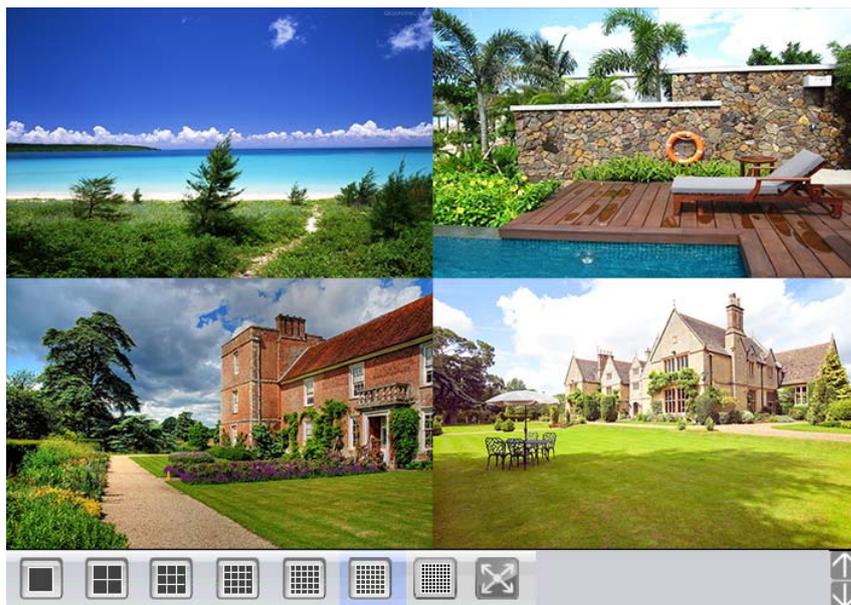
8. View Window

8.1. Viewing

CMS support 1.4.9.16.25.36.64; The user could click the page turning button to view when CMS connect multiple NVR and if the multi-screen is not ideal to watch.



翻页按钮; Page turning button



8.2. Window Control

The right mouse button can control the camera when chose to view the image.

