

H.264 4CH/ 8 CH/ 16 CH WITH HDMI DVR

H.264 4CH/ 8 CH/ 16 CH WITH VGA DVR

***DvrClient
Software Operation Manual
V1.2.45-20131009***

USER MANUAL INSTRUCTIONS

TABLE OF CONTENTS

1	Product introduction	4
1.1	Important statement.....	4
1.2	Software Instruction.....	4
1.2.1	Software Installation Directory.....	4
1.2.2	Record storage Directory	4
1.3	Application environment	4
1.4	Technical specifications.....	4
2	System overview	5
2.1	System structure.....	5
2.2	Usage management	5
3	Install and Un-install	5
3.1	Software installation	5
3.2	Software un-installation	7
4	Configuration and operation	8
4.1	Starting and registering	8
4.1.1	Starting the DvrClient.....	8
4.2	Configuration	9
4.2.1	Add Device	9
4.2.1.1	Add Area.....	11
4.2.2	Delete Device.....	12
4.2.3	Change device	12
4.2.4	Search	13
4.3	User Privileges	13
4.3.1	Add	13
4.3.2	Change	14
4.3.3	Delete	15
4.4	Record Schedule	16
4.5	Groups Definition and Groups Device Cycle.....	17
4.5.1	Groups and Device Cycle Settings.....	17
4.5.2	Groups Settings	17
4.5.3	Devices Channels Cycle	18
4.5.4	Groups Channels Cycle	19
4.6	Local Configuration.....	20
4.6.1	Path Configuration	20
4.6.2	Record Configuration	20
4.6.3	Other Configuration.....	21
5	Live Mode	21
5.1	Device List	22
5.1.1	Login and logout	22
5.1.2	Open / close all channels	22
5.1.3	Talkback	22
5.1.4	Subscribe Alarm.....	23
5.1.5	All Main Stream / All Sub Stream	23
5.1.6	Live tool-bar	23
5.1.7	Live screen	24
5.1.8	PTZ Control	24
5.1.8.1	Preset point set.....	25
5.1.8.2	Cruise - Tour.....	25
5.1.8.3	Video Control	26
6	Playback mode	27
6.1	Remote/ Local Playback.....	27
6.1.1	Search	27
6.1.2	Playback control.....	28
7	E-map.....	30
7.1	Edit the E-map	30
8	Device Status	33
9	Device Parameters	37

9.1	Display	37
9.1.1	Live Configuration	37
9.1.2	Privacy Zone	38
9.1.3	Video Output	38
9.2	Record	38
9.2.1	Record Parameters	38
9.2.2	Schedule	38
9.2.3	Encode: Main Stream	39
9.3	Network	40
9.3.1	Network set	40
9.3.1.1	Router's Port Forwarding	41
9.3.2	Sub Stream	42
9.3.3	Email Configuration	42
9.3.4	Mobile Configuration	43
9.3.5	DDNS Configuration	44
9.4	Alarm	44
9.4.1	Motion Detection	44
9.4.2	Alarm setting	45
9.5	Device	46
9.5.1	HDD Information	46
9.5.2	PTZ Configuration	46
9.6	System	47
9.6.1	DST/Time Configuration	47
9.6.2	NTP Configuration	47
9.6.3	Multiple users Management	47
9.6.4	About	48
9.7	Advance	48
9.7.1	System Update	48
9.7.2	Defaulted Parameters	48
9.7.3	Exceptions	49
9.7.4	Basic Set	49

1 PRODUCT INTRODUCTION

1.1 IMPORTANT STATEMENT

Thank you for using this DvrClient series product. Please read this manual carefully before installing this application software.

This software version is under continual improvement and we reserve the right to make change without notice.

Exemption Clause

We have tried our best endeavors to ensure the information contained in this manual is accurate, complete and up-to-date, we makes no representation as to its accuracy or completeness and expressly disclaims any liability whatsoever for any loss howsoever arising from or in reliance upon the whole or any part of such information

Read this manual carefully before using this software, we do not undertake any responsibility for the harms and losses caused by using this product incorrectly.

1.2 SOFTWARE INSTRUCTION

After installing and running the program, recording and capturing images, system will keep the relative files to below specified path.

1.2.1 SOFTWARE INSTALLATION DIRECTORY

Software defaulted installation directory should be C:\ Program Files\DVR Client and user also can specify a particular installing path during the installation processing.

1.2.2 RECORD STORAGE DIRECTORY

Recorded file will be kept to drive D firstly. And then once drive D is full, the record fill will auto convert to next drive. When all the drives except drive C is full, system will automatically overwrite the earlier recorded files starting from drive D

Note: User can set how many days recorded file can be saved as per actual request. And install enough HDD to guarantee record storage space.

When record is activated, system will auto generate one storage file. And all the local and remote record files will be stored into the folder (D:\Recordfile and \RS Record File\).

1.3 APPLICATION ENVIRONMENT

Before installing the DvrClient software, please make sure your system configuration meets the following recommended minimum hardware requirements.

CPU	Intel Pentium 4 or higher, minimum 3.0GHz
RAM	Minimum 2G
Graphics Adapter	Ge-force 4,AG memory 612 MB or higher
Operation system	Windows XP professional/Vista, Windows 7
Software provided	DirectX 9.1 or higher
Hard disk space for install	Minimum 10 GB

1.4 TECHNICAL SPECIFICATIONS

The DVR Software Client UVS Client can manage unlimited DVRs simultaneously in theory for each PC station, anyway it is strongly recommended to not over **100 Devices**. It is important to remember that it can display up to **64 live video streams** at the same time on each PC station connected in client mode. It can also display up to **8 playback video streams** at the same time (two PC clients connected at the same time in playback). These results were obtained using an **Ethernet GIGABIT** network. It is therefore advisable to use a switch and GIGABIT network in presence of complex systems with two or more PC stations in remote access mode.

It is also possible to connect to a single DVR from several PC stations in live preview mode. In this case, the theoretical limit is **100 users or PC stations** and therefore a very high number of live video streams are output from the DVR. In all cases, it is advisable not to exceed **20 PC stations** or **20 users** connected via DVR Client Software UVS Client or Internet Explorer.

2 SYSTEM OVERVIEW

2.1 SYSTEM STRUCTURE

The software includes two isolated sub-systems. After installing and running the two sub-systems, system will be easier to perform live media data storage, display, transfer and back-up etc.

➤ **Local server**

Local server is acting as a core for data-gathering, video management and auto control of the whole security system, and monitor and record relative data of camera/alarm and system running status.

➤ **Remote server**

User could monitor and record the real-time video, set relative data of external device (such as camera, alarm etc), control external devices and record system operational database and realize auto-control for the whole security system from a remote server.

2.2 USAGE MANAGEMENT

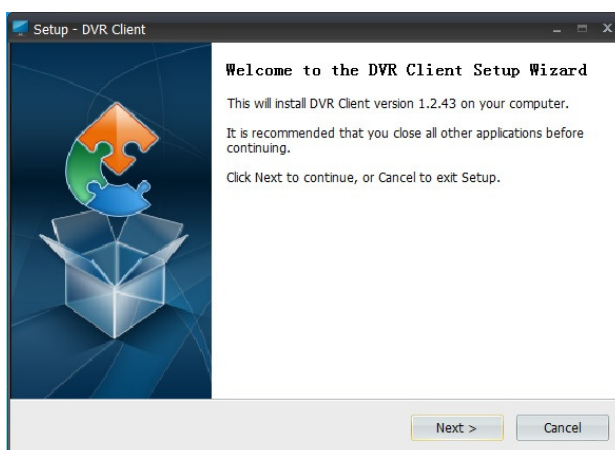
According to the functionality and characters of this software, we strongly suggest:

- **All operators should proceed basic operation training to avoid any wrong operation**
- **You should establish user management and grade system to shelter operation authority of low level user.**

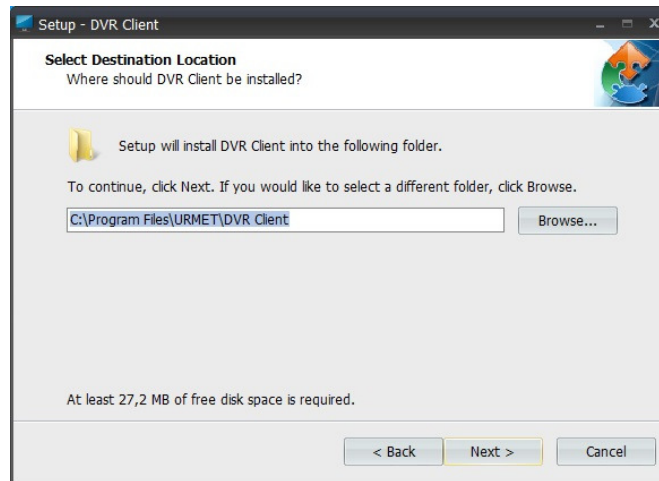
3 INSTALL AND UN-INSTALL

3.1 SOFTWARE INSTALLATION

- 1 Double click to start **Video_Client.exe** on the computer. The following window for selecting the installation language will appear:

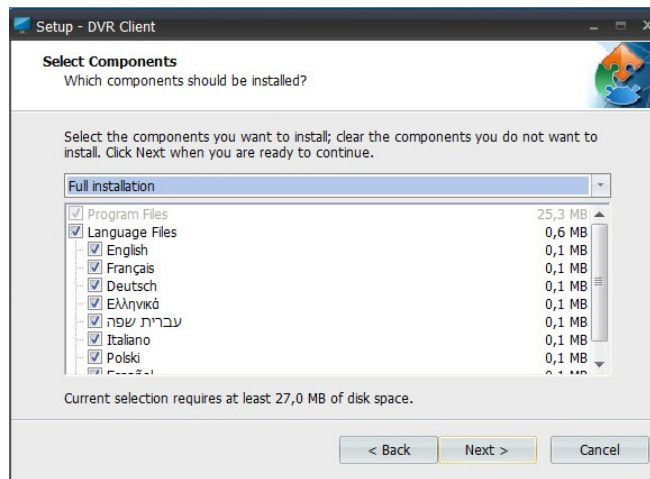


- 2 Select [Next>] to open the following window:

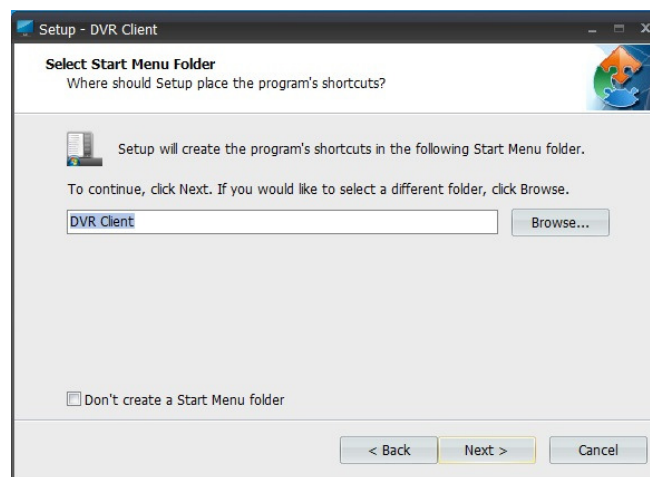


The default installation path is C:\Programmi\URMET\DVR Client. To change the path, if required, select [Browse...] to specify the new position and click on [Next >] to continue.

- 3 Select the Client languages to be installed and whether you want a full or custom install.

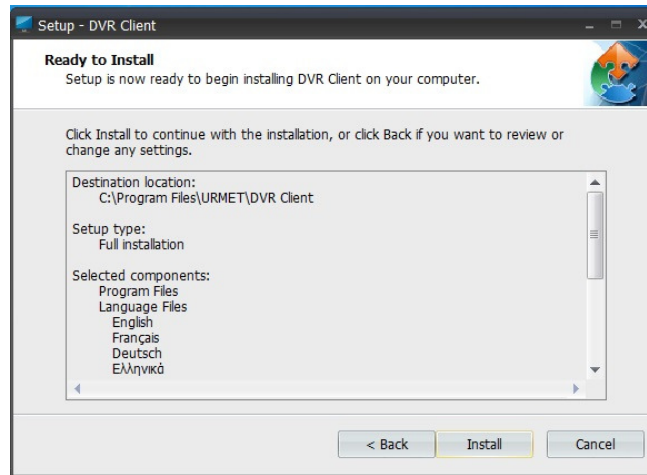


- 4 The default folder name is DVR Client. To change the name, if required, select [Browse...] to specify the new position and click on [Next >] to continue.

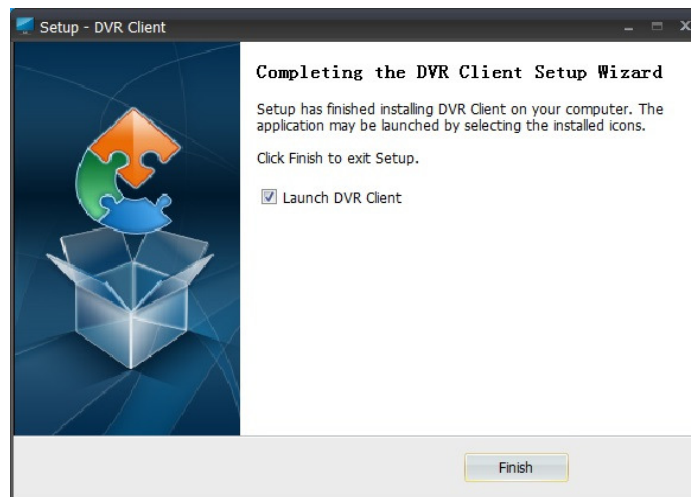


- 5 Then select the additional processes choosing whether you want to create an icon on the Desktop or in the Quick Start menu and click on [Next >] to proceed.

- 6 Then select <Install> to start the installation procedure.



- 7 Wait for installation to be complete and then select [Finish] to quit the installation program.



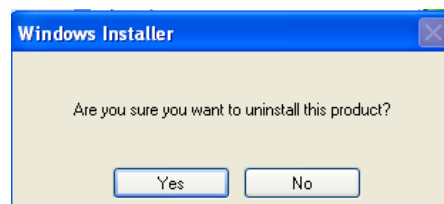
3.2 SOFTWARE UN-INSTALLATION

Note: Please backup all the files stored at **\Program Files\DVR Client** before un-installation so as to retrieve relative settings, images and Log information after installing the software next time.

If user needs to un-install the software, please enter into [start→setting→control panel→add/delete program] to un-install the software.

User could also run File Un-installation Program to un-install. Details as follows:

1. Click [Start→Programs→Video Client→Uninstall] to pop up the below window



2. Click [Yes] button to continue.
3. Wait for the un-installation processing to complete, and then click [Finish] button to exit the un-installation program.

Note: If you want to install the software again, please un-install (or delete) previous user name, password and device name, that is to say, please manually delete the files in the C:\Program Files \ DVR Client.

4 CONFIGURATION AND OPERATION

The chapter will introduce DvrClient's detailed parameters and configuration.

4.1 STARTING AND REGISTERING

4.1.1 STARTING THE DVRCLIENT

After successful installation, system will generate a shortcut menu – **DvrClient**- on the PC desk. Double click the Shortcut icon, or enter into [Start→Program→ DvrClient] to run the program.

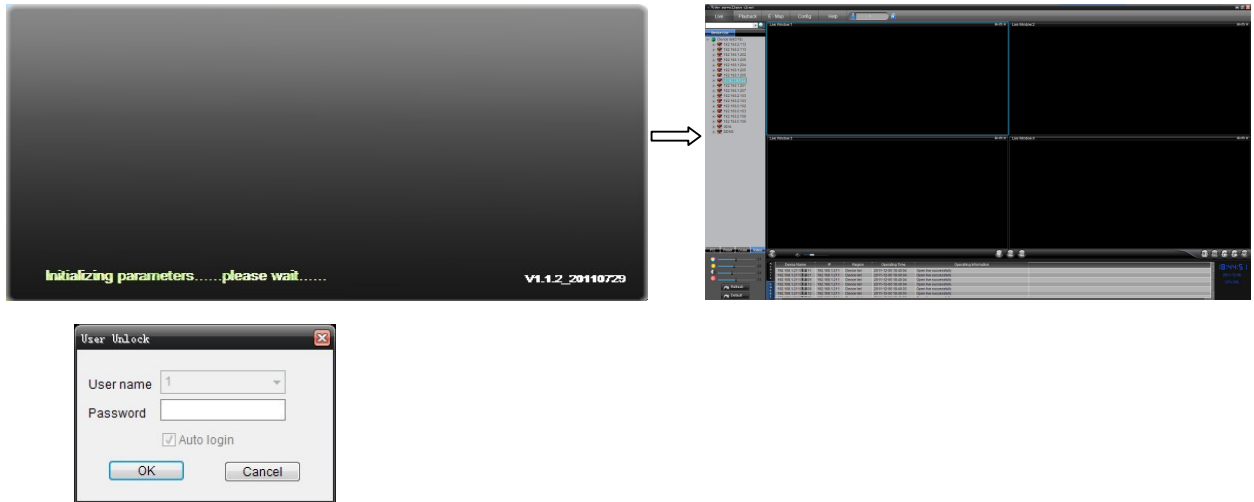
Please click the [DvrClient] icon on the desk to enter into the window.

When the program is activated firstly, please do register one administrator.



- **User name:** supports up to 12 characters.
- **Password:** supports up to 24 characters
- **Confirmed:** should be equal to Password and all the password can't enter special characters.

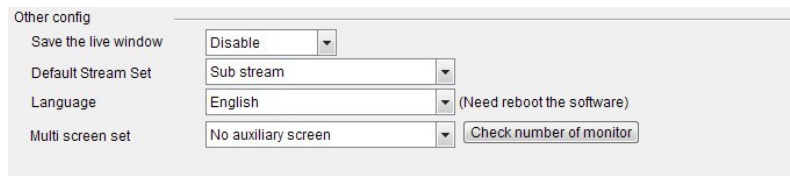
After customizing administrator and password, system will enter into below CMS main interface.



Click [🔒] icon to lock the interface, and click [🔓] to enter into the [user unlock] dialog window. Enter password to unlock the interface.

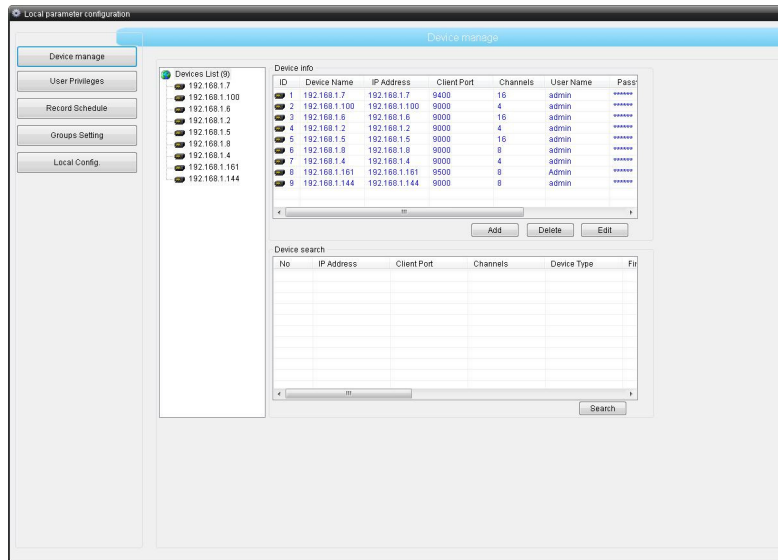
Click [Help] icon to display the software version information.

In order to change the Language, select Config -> Local Config. In Other Config Section select the proper Language.



4.2 CONFIGURATION

After successful registration, click [Config] to enter into the window.



4.2.1 ADD DEVICE

Right-click the [Device List] to enter into [Add device] option, and then you are allowed to pop up the window



Or click [Add] to pop up the below window



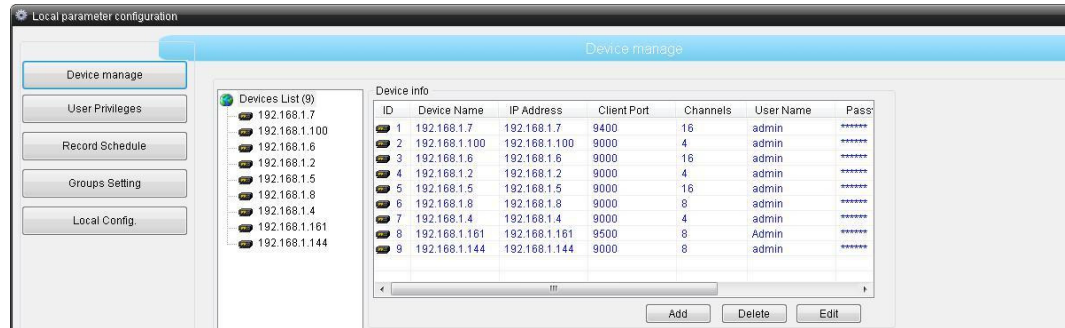
1. Input below device information:

- **Device:** customize device name;
- **Device IP or Server ID:** Select the "IP Login" option to enter the IP address of the device. Select the "Server ID login" option to enter the ID of the device generated by the DVR for the Urmet DDNS account (see the network configuration and DDNS section in the Quick Guide or User Manual for more information).
- **Port:** input the media port for the DVR.
- **Channels:** input the channel number of current DVR.
- **User name:** input the administrator of DVR
- **Password:** input the administrator's password
- **Auto Login:** If set to "Enable", system will auto login to DVR once DvrClient is opened, otherwise, you need to manually register the DVR.



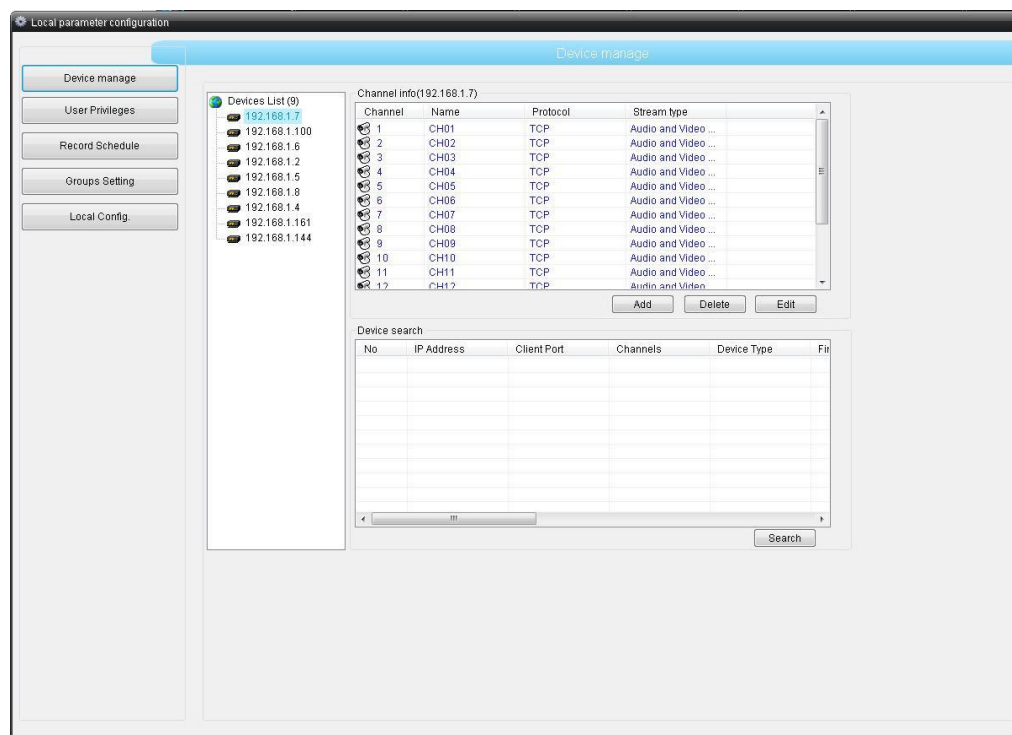
- Click [Ok] to end the [Add] processing.
- Follow the above step 1~2 to add more DVRs.

Below display you have successfully added 192.168.1.144.

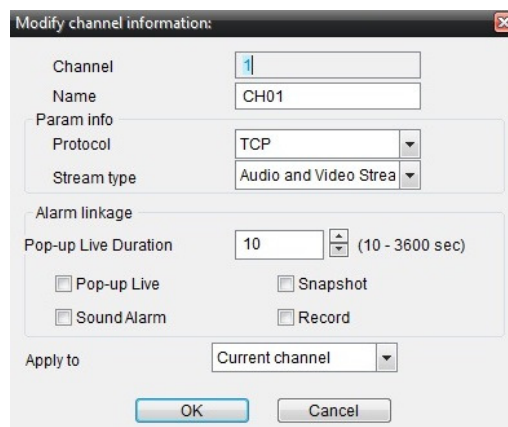


- Change channel information

Click [192.168.1.144] on the left and channel info(192.168.1.144) appear in the screen



Double-click any one channel, or select one channel and click [Edit] to enter into the window.



Channel	Indicate the channel no. you could not modify this item under this menu.
Name	Indicate current channel name. allow you change the name.
Protocol	Select its protocol of the channel: TCP and UDP optional (If the device connected to Dvr Client via router, the router must support two network protocols)
Stream Type	Select the stream type of the channel. Audio Stream and video stream optional

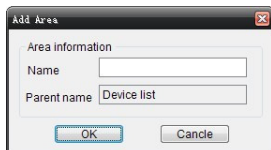
About alarm linkage:

Pop-up Live	Allow you pop up live alarm images.
Pop-up Live Duration	Allow you set alarm time, and time format is Minute (1~60 minute)
Snapshot	Allow you auto-capture images and save the images to a specified file when alarm occurs.
Sound Alarm	The buzzer will sound when alarm is triggered. (Details please refer to Section 4.4)
Record	The channel will auto record when alarm is triggered.
Apply to	Allow you apply above parameters to current channel or all other channels.

4.2.1.1 Add Area

1. Add area

Right-click [Device list] icon and enter into [Add area] item.



Click [Add area] to pop up below window; Input area name and click [Ok]



You can find that <Area-22> has been added

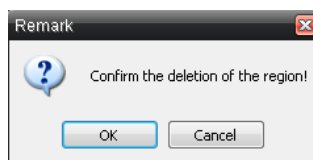
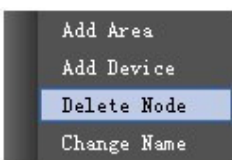
2. Add Device

Herein allow you add device at this area.

3. Delete Node

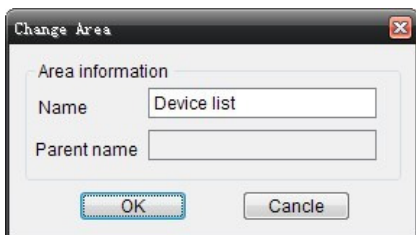
Firstly select one node and right-click mouse to pop up the window.

Then Click<Delete Node> option and then click <Ok> to confirm the deletion of the region.



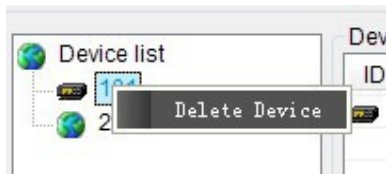
4. Change Name

Highlight the device list and right-click mouse to enter into <Change Name> option, now system will pop up below window. You are allowed to customize the area name

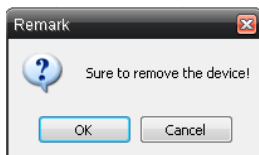


4.2.2 DELETE DEVICE

There are two methods to delete device, including:



1. Select one node/DVR from <Device List> and right-click the mouse to enter into <Delete Device> option.



2. Click <Delete> button to delete the DVR/node you have selected, then system will pop up the dialog window. Click <Ok> to sure to remove the device.


4.2.3 CHANGE DEVICE











Note: Not allow you change device information unless you have exited the device.



Click [Change] button to pop up the window. After changing the relative information, click [Ok]

4.2.4 SEARCH

Click [] button to search all the DVRs within the same LAN.

Device search				
No	IP Address	Client Port	Channels	Device Ty
 1	192.168.1.207	60007	8	DVR08L
 2	192.168.2.104	2040	8	DVR08L
 3	192.168.2.104	2040	8	DVR08L
 4	192.168.1.202	60002	4	DVR04B
 5	192.168.1.201	60001	4	DVR04B
 6	192.168.1.209	60009	16	DVR16B
 7	192.168.1.206	60006	4	DVR04B
 8	192.168.1.205	60005	4	DVR04L
 9	192.168.1.203	60003	8	DVR08B
 10	192.168.1.204	60004	8	DVR08B

Select one DVR and double click it and you are allowed to enter into below interface. Click <Ok> to add the DVR.

Search add a device

Device Info

Device

192.168.1.101

Device IP

192.168.1.101

Port

2051

Channels

16

User Name

admin

Password

Aera Name

Device list

Auto Login

Disable

OK

Cancel

4.3 USER PRIVILEGES

Local parameter configuration

Device manage

User Privileges

Record Schedule

Groups Setting

Local Config.

Add

Edit

Delete

User name	User level

Add users

☐ Live

☐ Remote Playback

☐ Map Configuration

☐ Local Configuration

☐ Remote Configuration

4.3.1 ADD

Click <Add> button, or right-click the mouse and click [Add users] option to enter into <User Info> interface

Add

Change

Delete

User name	User level

Add users

User Info

User Group

User Name

(Max 12 chars)

Password

(Max 24 chars)

Confirm

User Level

Ordinary user

OK

Cancel

- **User name** allow you customize user name and support up to twelve characters.
- **Password:** allow you customize password and support up to 24 characters (no permit to all enter special characters)
- **Confirm:** equal to user password
- **User level:** include Administrator and Ordinary User.
Administrator is defaulted to have all the rights (Generic rights and channel rights)

User name	User level
3	Administrator

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Live
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PTZ Control
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Video Adjustment
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Remote Playback
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Local Record
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Remote Log Search
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Voice Intercom
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Remote Configuration

Administrator could allocate rights/authorities to Ordinary user as per request .

User name	User level
2	Ordinary user

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Live
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PTZ Control
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Video Adjustment
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Remote Playback
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local Record
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Remote Log Search
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Voice Intercom
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Remote Configuration

4.3.2 CHANGE

Add
Change
Delete

User name	User level
2	Ordinary user

Add users
Change user
Delete user

Herein allow you change user information.

User Info

User Group

User
2

Old
*

New
(Max 24 chars)

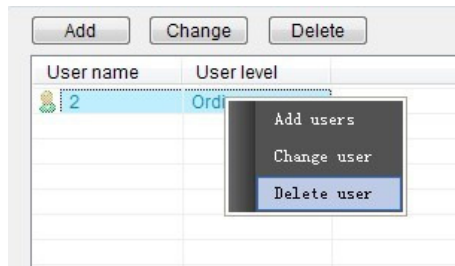
Confirm

User
Ordinary user

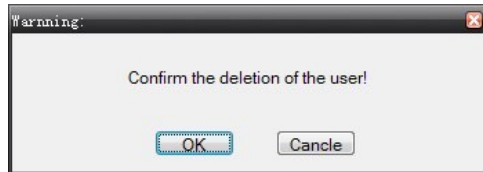
OK
Cancel

Click [Change] button or enter into [Change User] option, and then pop up the window.

4.3.3 DELETE



Delete user information: Select one user from the list and click [Delete] button to delete the user.



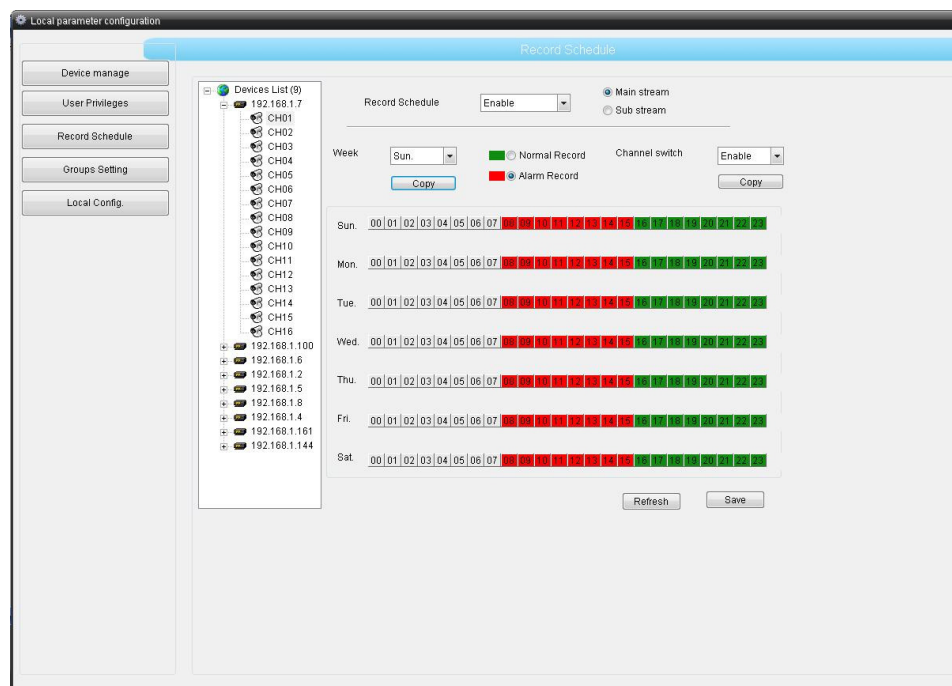
Clicking [Delete] button will pop up the left dialog and click [Ok] to confirm the deletion of the user s.

4.4 RECORD SCHEDULE

The Record Schedule is used to record files on the PC hard disk as NVR Software.

There are two recording modes: Alarm Record or Normal Record. Alarm Record has a higher priority than Normal Record.

Select a channel of the device in the left-hand column. Enable the Record Schedule and enable the channel.



Alarm Record: Fill in the red boxes to set alarm record mode. The alarm records will be recorded in the set time sequence.

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Normal Record: Fill in the green boxes to set normal record mode. The normal records will be recorded in the set time sequence.

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

At this point, the settings can be copied to other channels and other days of the week by selecting the respective “Copy” options.

A short description of the functions is provided below:

- **Record Schedule:** To enable or disable recording the entire Record Schedule.
- **Channel switch:** To enable or disable the channel programmed for recording.
- **Stream type:** Main Stream or Sub Stream recording can be selected.
- **Copy (week parameters):** This copies the data of one day of the week onto the other days.
- **Copy (channel parameters):** This copies the current channel settings onto other channels.

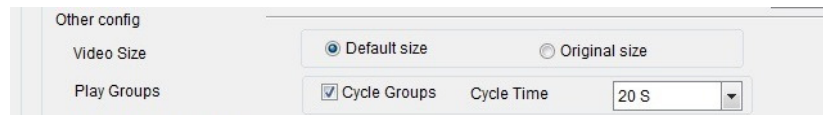
It is possible to search for alarm records or normal record files using the local playback interface.

4.5 GROUPS DEFINITION AND GROUPS DEVICE CYCLE

4.5.1 GROUPS AND DEVICE CYCLE SETTINGS

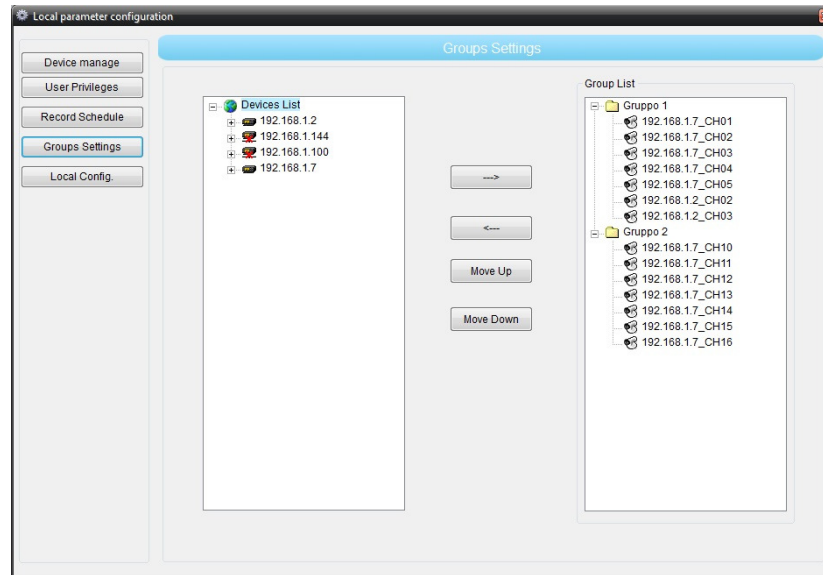
Check that the “**Cycle Groups**” function is enabled in Local Settings.

Select the local parameters configuration button and access the configuration interface; in **Play** mode, select “**Cycle Groups**” and select “**Cycle time**” to open the cycle function window, that shows the device cycle details. The cycle time is referred to the device, the group cycle time will be set for each group.

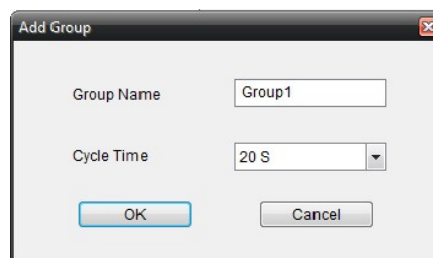


4.5.2 GROUPS SETTINGS

In local parameters configuration, select the “**Groups settings**” button to access the group interface.



Right click on “**Groups list**” box and the menu will pop up; select “**Add group**”, left click on “**Add group**” and access “**Add group**” interface; select the cycle time for the group.



It is also possible to edit a group. Right click on “**Groups list**” box and the menu will pop up; left click on “**Edit group**” and access “**Edit group**” interface.

Right click on “**Groups list**” box and the menu will pop up; left click on “**Delete group**” to delete all the data of the group.

After selecting the channel in the “**Group list**”, click on the button “**---**”. The channel will be added to the group in the selected node.

Select a channel node in the groups list and click on the button “**<---**” to delete the channel from that group.

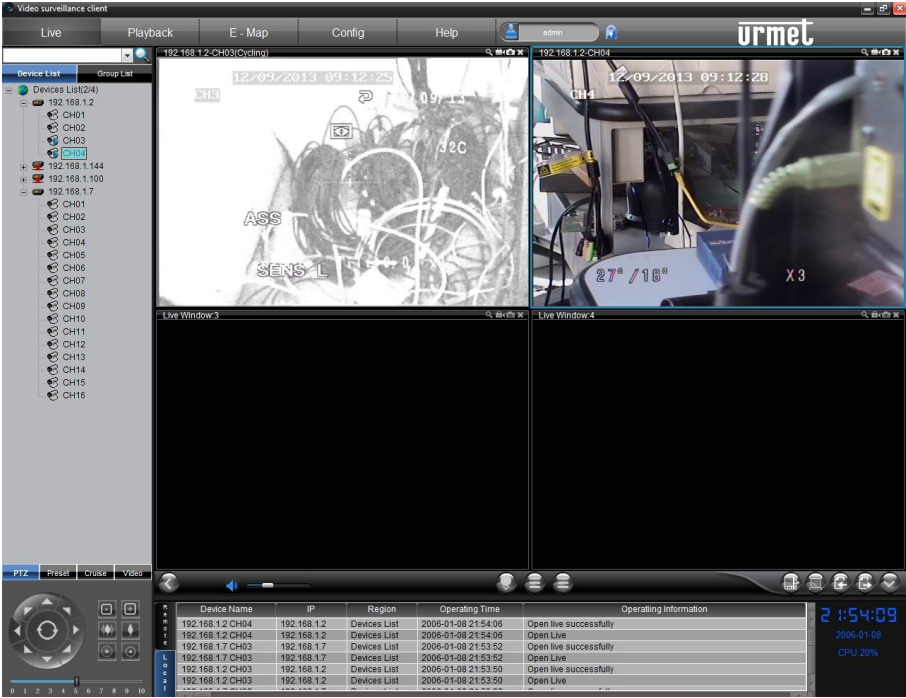
Select a channel node in the groups list and click on “**Move-up**”, the channel will move up. Click again on “**Move-up**”, the channel will move up to the first node in the groups list.

Select a channel node in the groups list and click on “**Move-down**”, the channel will move down. Click again on “**Move-down**”, the channel will move down to the last node in the groups list.

4.5.3 DEVICES CHANNELS CYCLE

Select the “Live” button on the CMS to cyclically display the channels of a device on a single window; drag the device icon: the first channel of the device will be cyclically displayed in the selected window.

In order to cyclically display two or more devices on each window, drag the device icon: the first channel of the device will be cyclically displayed in the selected window. When the video circulation function is active in the selected window, the cycle will be closed and a new one will be opened.

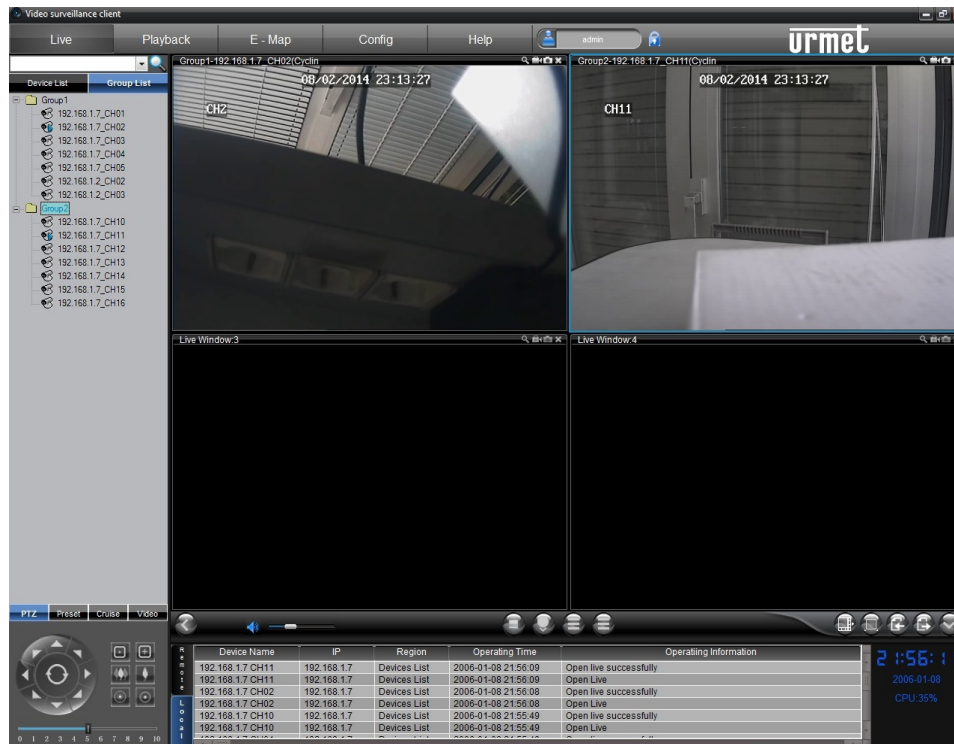


To stop the cycle of the device and display in LIVE mode one or more channels, drag the channel cyclically played in the window: the device cycle will be stopped and the selected channels will be opened. Otherwise, the channel is played in a new window.

4.5.4 GROUPS CHANNELS CYCLE

After selecting “**Cycle Groups**” in “**Local Settings**”, in order to cyclically display a single group in “**Live**”, drag the group icon: the first channel of the group will be cyclically displayed in the selected window. The window without cycle playing can also be displayed without video window.

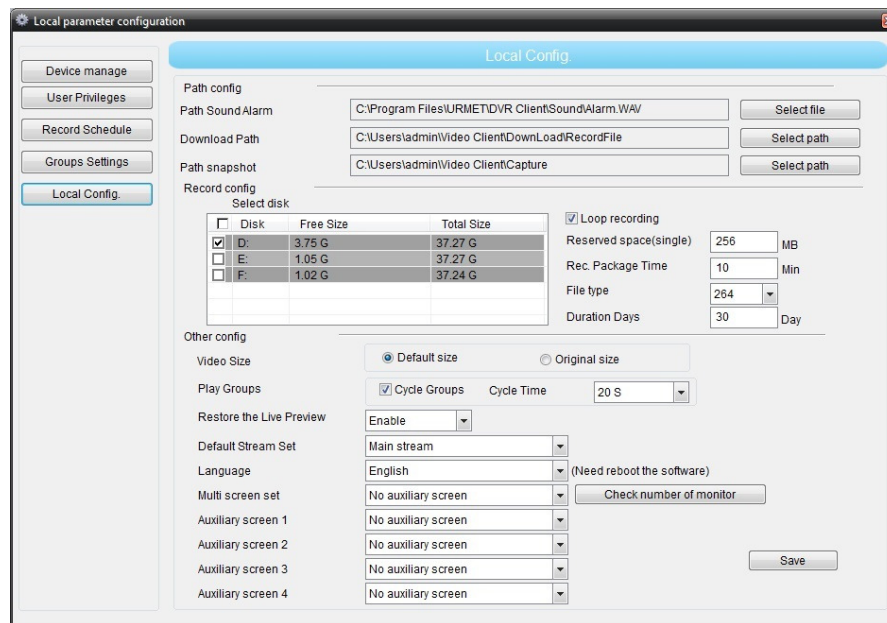
After selecting “**Cycle Groups**” in “**Local Settings**”, in order to cyclically display all the groups in “**Live**”, click on the Play button under the lower toolbar to activate the cycle of all the groups in a single window. When the cycle is active, groups or channels can't be dragged.



Right click on “**Stop Playback**” button of each playback window to close the current group cyclically displayed. Select the “**Stop**” button under the toolbar to close all the cycle playback windows of the group, included the channel without single cycle.

If the cycle play has not been selected, click on the play button under the preview bar to open all the channels in a single window. If a device is not connected, its channel will be ignored.

Select the “**Stop**” button to close all the windows opened in a page.



4.6.1 PATH CONFIGURATION

The installing path for this program is defaulted to C:\Program Files\DVR Client.

Sound Alarm Path Sound Alarm C:\Program Files\URMETV\Video Client\Sound\Alarm.WAV Select file

Herein allow you set warning volume to a specified path. Please note that Warning Volume must be with WAV format.

Download Path Download Path C:\Users\admin\Video Client\DownLoad\RecordFile Select path

Herein allow you download remote file to a specified path.

Path Screenshot Path snapshot C:\Users\admin\Video Client\Capture Select path

Herein allow you save captured image to a specified path.

4.6.2 RECORD CONFIGURATION

Disk Select

Select disk

<input type="checkbox"/>	Disk	Free Size	Total Size
<input checked="" type="checkbox"/>	D:	83.07 G	107.42 G
<input type="checkbox"/>	E:	90.39 G	107.42 G
<input type="checkbox"/>	F:	102.75 G	146.48 G

If you select all the disks, record files will be stored from starting drive D to last drive in turn. When all the drives exclude drive C is full, system will overwrite the previous record files from drive D.

If you only select drive D, all the record files will be stored in the drive D, when drive D is full, system will automatically overwrite the early ones in the drive D.

The recording files will save in the path which you choose. X:\RecordFile Folder. This folder will establish three sub folders (when have related recording operation): manual record, plan record, alarm record. RSFile.dat is for manage file.

Loop Record

☒ Loop recording

Reserved space(single) 256 MB

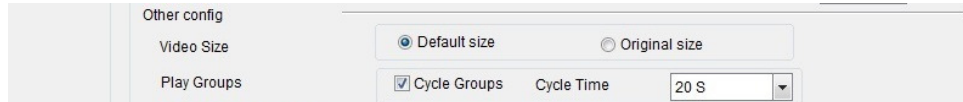
Rec. Package Time 10 Min

File type 264

Duration Days 30 Day

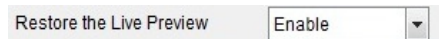
- **Loop Recording:** If tick-selecting [Loop Recording] option, system will overwrite the old record files and continue to record when reserved space reach setting value; contrarily, If disabling the [Loop Recording] option, system will stop record when reserved space reach setting value.
- **Reserved Space (single):** When reaching the setting value and tick-selecting <Loop Recording>, system will automatically overwrite the old files.
- **Rec. Package Time:** indicate record package time and herein is defaulted to 10 minutes.
- **File type:** indicate storage type of record file; generally include AVI and H.264 format.
- **Duration Days:** indicate the number of days about overwrite recording files.

4.6.3 OTHER CONFIGURATION

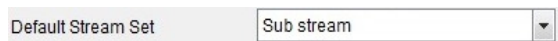


Live format can be selected for the channel choosing from “**Video size**” (the edges of the grid quadrant will be cut away) or “**Original size**” (which will occupy the entire portion of the live grid quadrant or cell).

The option “**Cycle Groups**” of the channels on groups or devices can be enabled or disabled by setting the “**Cycle time**” for the channels of each single device. The cycle time of each group can be configured when a new group is created.



When Add Device, enable the Auto-Login. After that enable <Restore the Live Preview> option and save it, the system will record/save current live window. System will automatically recover the live window when you register it next time.



Set the wished Default Stream: Main Stream or Sub Stream.



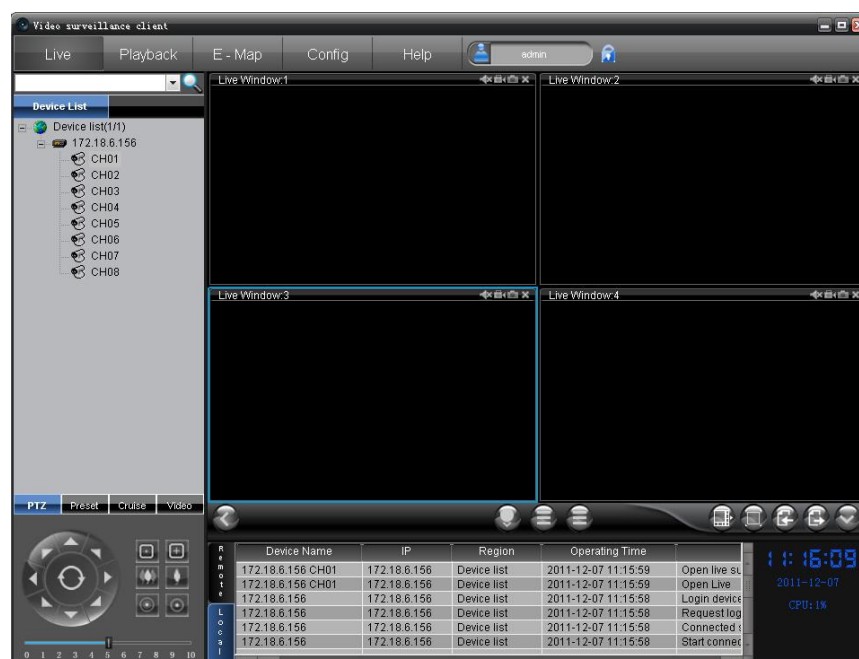
Allow you select the language you needed. The above settings are available when you restart the program.



It is possible to set the Live Preview, Playback and E-Map in second or third Monitor.

5 LIVE MODE

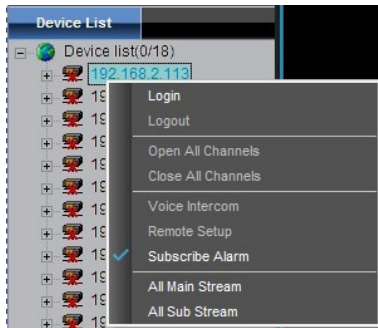
The <Live> mode display as follows :



5.1 DEVICE LIST

5.1.1 LOGIN AND LOGOUT

Select one DVR and right-click mouse, and then click <Login> / <Logout> option to login / logout the device.



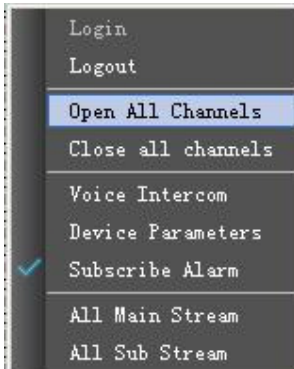
5.1.2 OPEN / CLOSE ALL CHANNELS

User could control the whole system remotely via LAN and/or WAN.

Select one device/channels and right-click mouse, and then click <Open all channels> option to preview its live window of channels;

select one device/channel and double-click the channel name to preview its live screen.

Click <Close all channels> to close all the channels for the device.



5.1.3 TALKBACK

Under the Live mode, right-click the mouse and select <Voice Intercom> option; and now you are allowed to talk back with the selected device.

Note: This function is available only for some DVR models.

5.1.4 SUBSCRIBE ALARM

Right-click and check that the <Subscribe Alarm> option (detect movement/IO alarm) option is ticked.

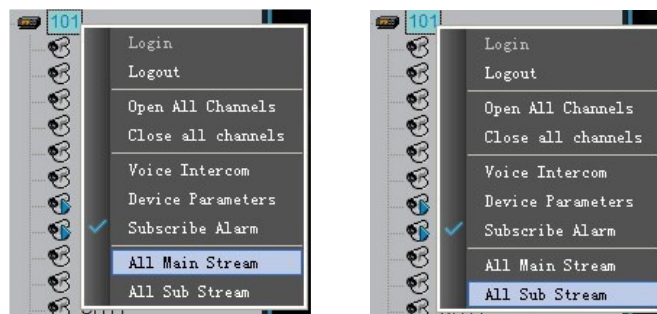
The following data will appear in the remote section shown in the figure after having accessed on the DVR: hard disk state, video signal loss, beginning and end of motion detect event, beginning and end of IO alarm, video state etc.

Remote	Device Name	IP	Region	Alarm Time	Alarm Type	Alarm Information
Local	192.168.1.7 CH01	192.168.1.7	Devices List	2013-06-27 09:55:32	Motion	MotionEnd
	192.168.1.7 CH10	192.168.1.7	Devices List	2013-06-27 09:55:22	Channel status	Video Loss
	192.168.1.7 CH09	192.168.1.7	Devices List	2013-06-27 09:55:22	Channel status	Video Loss
	192.168.1.7 CH04	192.168.1.7	Devices List	2013-06-27 09:55:22	Channel status	Video Loss
	192.168.1.7 CH03	192.168.1.7	Devices List	2013-06-27 09:55:22	Channel status	Video Loss
	192.168.1.7 CH01	192.168.1.7	Devices List	2013-06-27 09:55:20	Motion	MotionBegin

5.1.5 ALL MAIN STREAM / ALL SUB STREAM

Main stream is mainly used for video stream for the device, and also for network transmission; however, a large stream requires high network. Sub stream is mainly used for network transmission and have poor images; so sub stream is applicable for poor network conditions. You are defaulted to preview all the images under sub stream mode. If you have higher network, you could switch to main stream for preview.

Right-click device/channel and select <All main stream> or <All sub stream> option to change stream type of the selected device/channels .



Right-click the relative channel/camera and select <Main stream> or <Sub stream> option to change stream type of the channel.



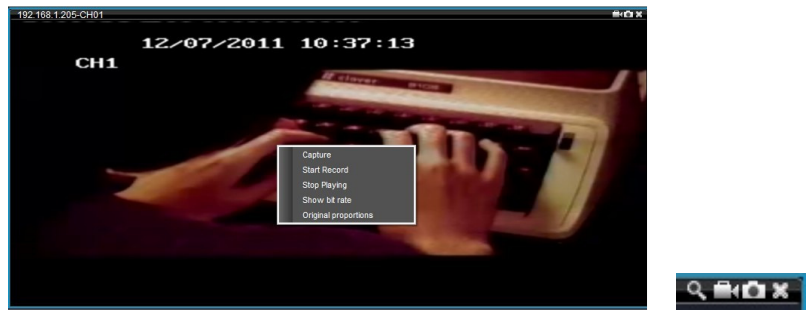
5.1.6 LIVE TOOL-BAR



Key brief describe as follows:

Key	Description	Key	Description
	Hide device		Open PTZ control mode
	Hide / open all the windows		Real time/Smooth level
	Select Split mode		Full screen mode
	Previous page / Next page		Hide / display alarm information
	Volume Control		

5.1.7 LIVE SCREEN



Key	Description	Key	Description
	Zoom in/ Zoom out		Record on/off
	Capture		Stop playing

Zoom in/ Zoom Out

Highlight the selected image and click icon, or right-click the mouse and click <Zoom> option; at this moment, the Zoom control will appear in the screen.

Record on/off

Highlight the selected window and click the icon, or right-click the mouse and click <Start record>. Now the icon will appear in the screen. And click icon again to stop recording. In live preview clicking on record button, manual record will start and the user could search the manual record files using the Local Playback Interface.

Screenshot

Under the <Live> mode, select one window which is playing and click icon, or right-click the mouse and select <Capture> option. After successful capture system will pop up thumbnail image and path reminder. Click the image to open the captured image and click the path connection to enter into the image's storage directory.

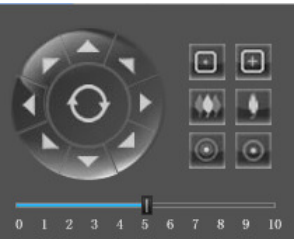
Stop playing

The option allows you close the channel's video.

Show Bit Rate and Original Proportions




- the option allows you display bit rate of current channel to video window .
- the option allow you recover screen to original proportions.

5.1.8 PTZ CONTROL




We introduced setting PTZ parameters previously in chapter. Here we will discuss how to operate PTZ controls.

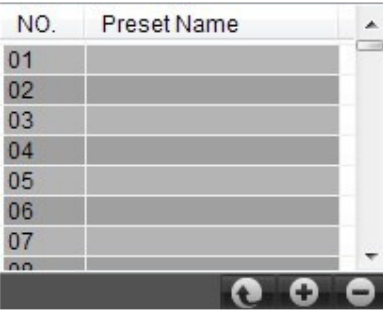
- Click direction key to rotate PTZ camera;
- slide the processing bar to control PTZ rotation speed (level: 0~10);
- Click icon to make PTZ camera auto scan 360°, click a directional Key in order to stop the auto-scan;
- Click [Zoom-/+] button to zoom in / out the image;
- Click [Focus -/+] button to focus the image;
- Click [Iris -/+] button adjust iris to open or close.


The software also provide a new intelligent TILT control system-Screen PTZ control. User could control PTZ rotation by clicking and dragging-and pulling on the play window. The play panel is separated into 9-split mode. And <1,2,3...> stand for  , , ...eight directions respectively. Click it to control the PTZ rotation direction.

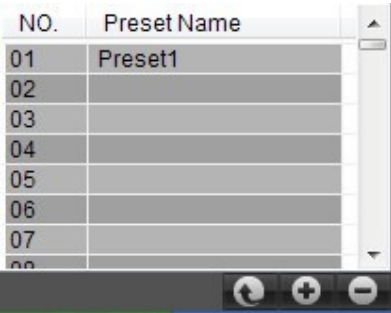





5.1.8.1 Preset point set

Click  button on the panel to edit one preset point.




Select one channel you want to set and number, and then click  icon to add one preset point





Move PTZ camera to a specified position, and click  icon to finish this preset point.
Select one preset point and Click  icon to call this preset point.
Select one preset point and click  icon to delete the preset point.

5.1.8.2 Cruise - Tour

If one channel adds two or more than preset point, you could configure one cruise route according these preset points. Details configuration please follow below steps:


1. Select one channel you want to cruise and click  button to enter into the window.

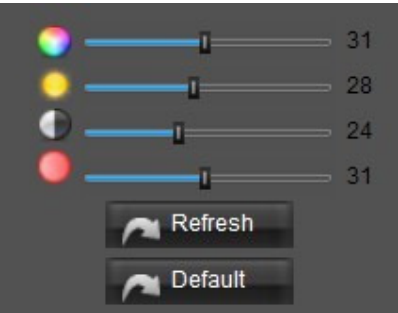
No	Cruise Name
01	Cruise Route01

2. Select one cruise route and double-click the mouse or click  icon to call the cruise, and click  icon to stop the cruise.





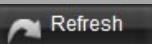
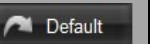
NOTE: Please make sure that Cruise function is enabled in Remote Settings -> PTZ Configuration (i.e. refer to 7.5.2 Section)

5.1.8.3 Video Control

Click  icon to enter into the window.




<Video control> icons described as follows:

Icon	Description	Icon	Description
	Hue		brightness
	Contrast		saturation
	Refresh		Recovery Default

6 PLAYBACK MODE

The monitoring software will include remote playback and local playback for file type depending on the different storage position. Click local playback in order to play the manual records, alarm records or normal records. Then click the channel No. file type, date and click “**Search**”. The same procedure with Remote playback.

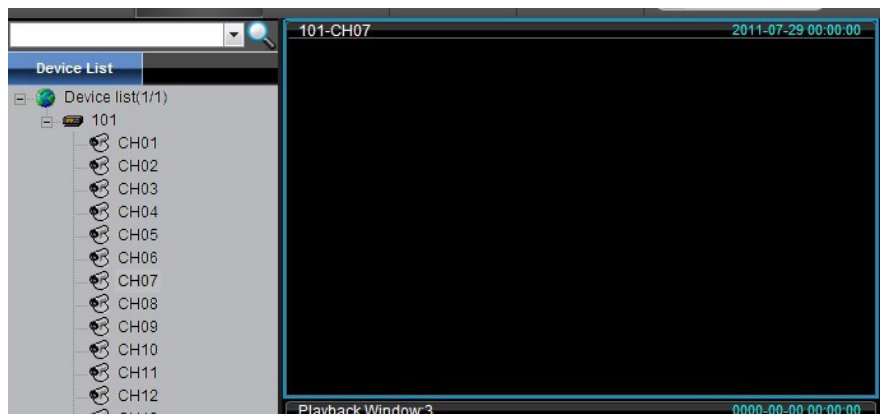
6.1 REMOTE/ LOCAL PLAYBACK

Click  button to pop up the below window.



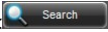


6.1.1 SEARCH

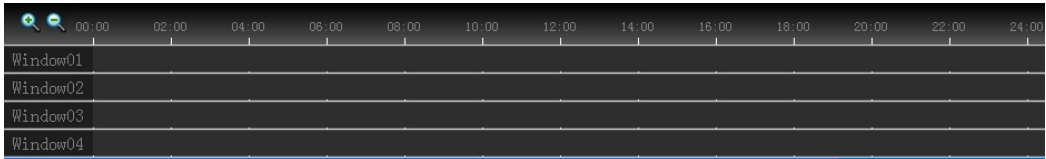
Firstly select one playback window, and then select one channel you want to playback.




Secondly, select file type and date. And system support normal record, alarm record and All.



Third, Click  button to search relative record files.
 Below is time axis panel of record file. Click / icon to enlarge or narrow display rate of the time axis.



Fourth, Click  button to start record playback. When moving curse, current time will appear on the time axis.

















Fifth, select one channel you desired and drag-and drop it to specified playback window. If the channel have record file at this day, system will playback early record file of the day.


- Note:**
- The software support up to 4-CH synchronous playback.
 - If you tick-select <synchronous Playback>, the four playback window will perform 4-CH synchronous playback.

6.1.2 PLAYBACK CONTROL




Playback control bar describes as follows:

Key	Description	Key	Description
	Open/Close Volume		Volume adjust
	Playing		Pause
	Stop		Play by frame
	Clip		Snapshot
	Download		Playback processing bar
	All stop		Single Channel display
	Quad mode		Full screen display


Record file clip
 After opening playback, click  icon to clip the selected file; and click again to stop the clip function. Record clip file will be saved to <RS RecordFile>.

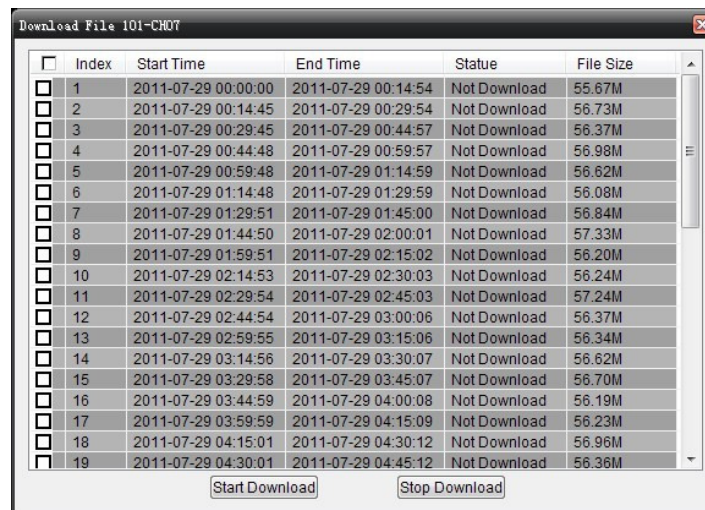
Snapshot function

Click  icon to capture the live images remotely. After capturing the images successfully, thumbnail images and path prompt will be popped up. Click the thumbnail images to open the captured picture and click the path connection to enter into images storage directory.



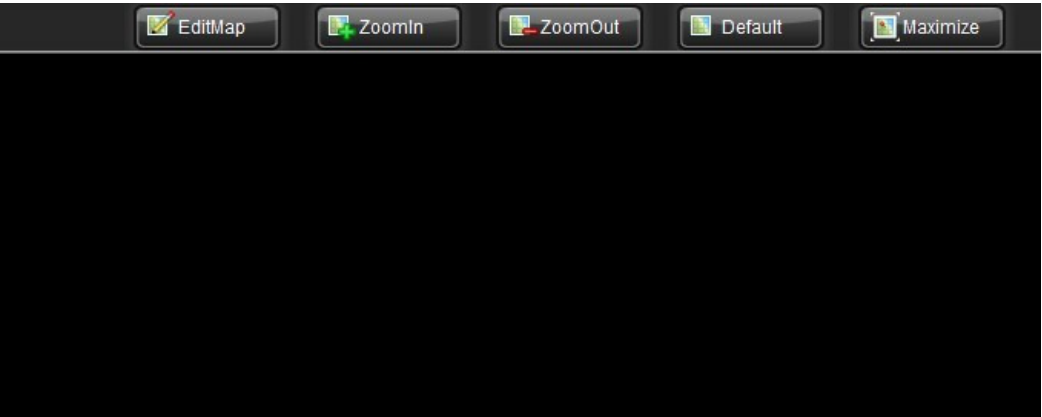
Record file download

Click  icon to enter into the file download interface. Tick-select the record file you want to download and click [Start download]. System will download the record file in turn and save them to local PC. Downloaded file will display process percentage.

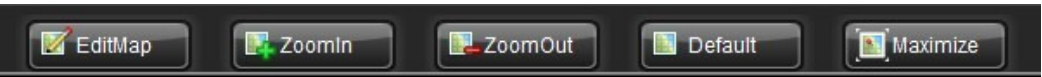


7.1 EDIT THE E-MAP

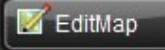
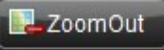
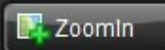
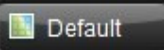
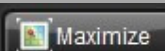
Click the [E-Map] icon to enter into the below window. And initial Open mode is maximized.



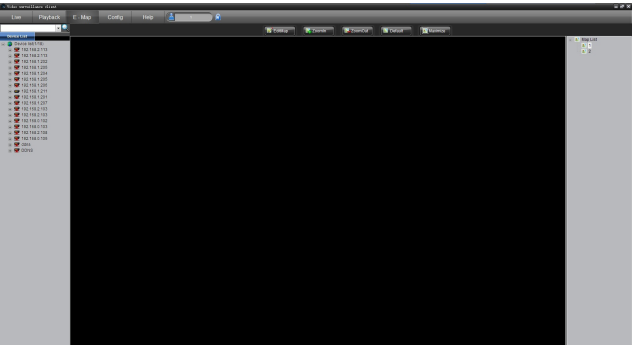
Below is shown as E-map tool-bar.



and E-map toolbar brief description is as below:

Key	Description	Key	Description
	Open or close <Edit> function.		<Down size>
	<Enlarge>		Full size
	<Maximize> and <Minimize> button		

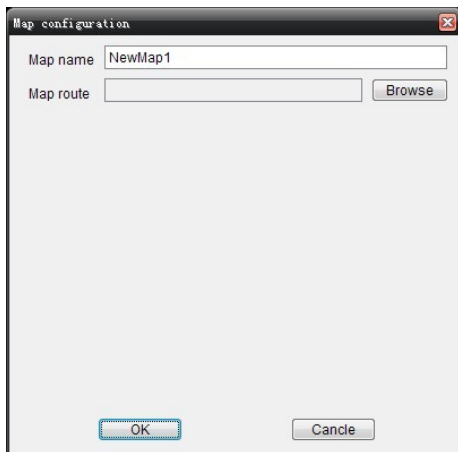
Click [] icon to minimize the window and start to edit the E-map.



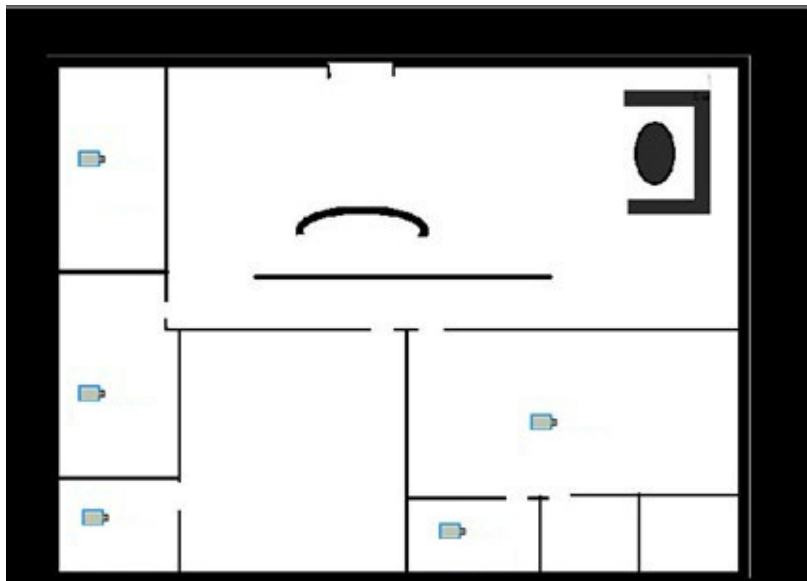
Click [] icon, and then highlight [Map List] and right-click the mouse to add one E-map.



Click [Add Map] to enter into the following window.



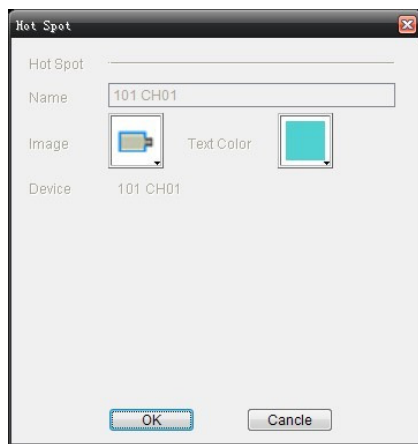
- **Map name:** allow you customize the Map name.
 - **Map route:** allow you select and browse route of the Map.
- After setting map configuration, pull and drag one Channel into the Map.



Then select any one camera and right-click mouse to enter into <MapPin Config> option.



Click <MapPin Config> option to enter into the window.



- **Name:** allow you customize the camera's name
- **Image:** allow you select its images according to current direction of the camera, including left, right, up, down, bottom left, bottom right, upper left and upper right
- **Text Color:** allow you select text color.

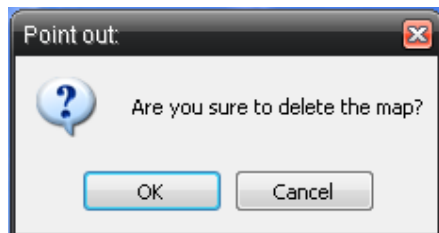
Select any one camera, then right-click the mouse and click <Delete> to delete the camera.



Select one map from Map list, and then right-click the mouse to delete the Map.



Click [Ok] button to confirm and delete the Map.

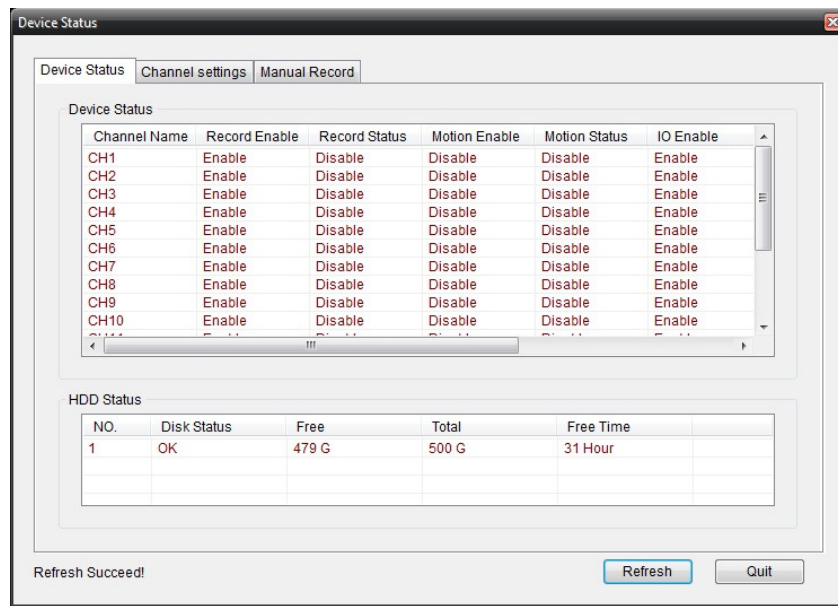
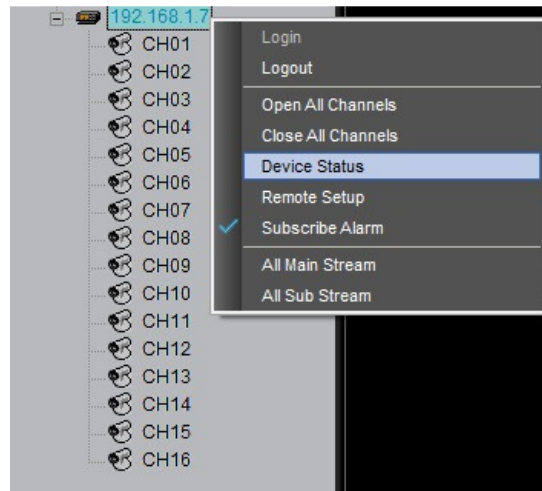


8 DEVICE STATUS

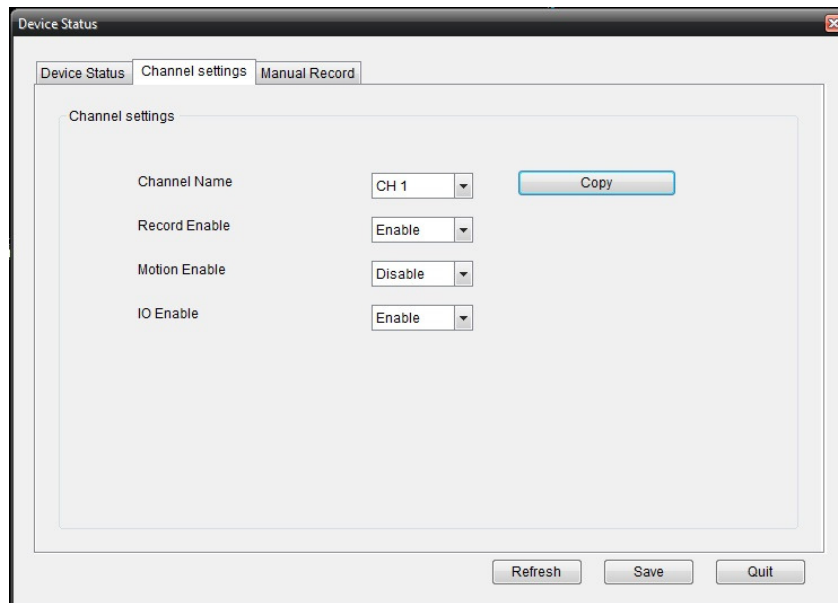
NOTE:

This function is available only on Evolution 2.0 series devices (Ref. 1093/004H, Ref. 1093/008H, Ref. 1093/016H, Ref. 1093/018H, Ref. 1093/019H) with Firmware release version V4.2.0 or higher.

Access the **Live** section and right click to select the device. Click on **"Device status"** as in the following figure, the display will show all device information.

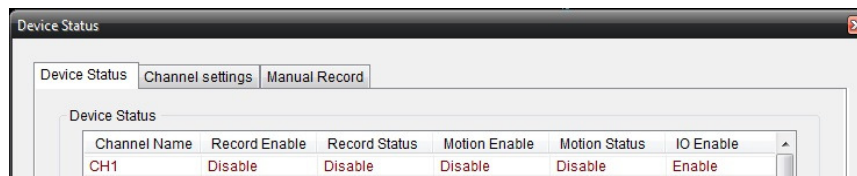


In the above figure, the page shows the device status information concerning channels and hard disk. The channels information includes channel name, recording enabling, recording status, motion detection enabling, motion detection status, IO enabling, IO status and signal loss condition. The hard disk information includes hard disk size, time and size available for recording.

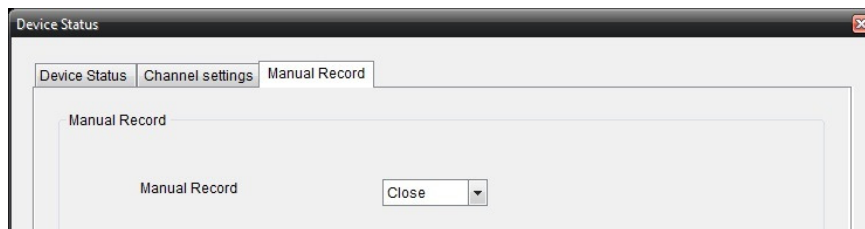


As shown in the above figure, select the “**Channel settings**” button to access the interface used as channel configuration page, as shown below, “**Channel settings**”.

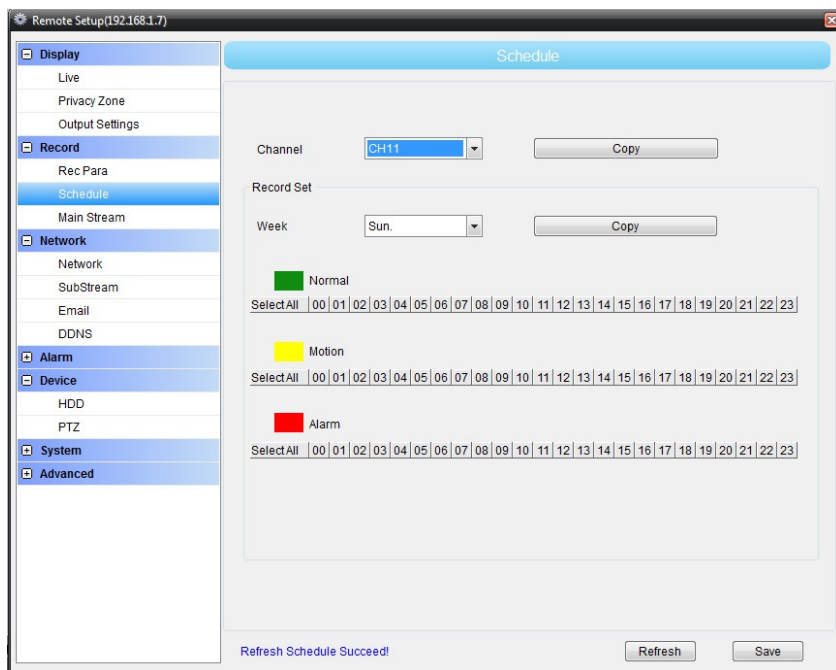
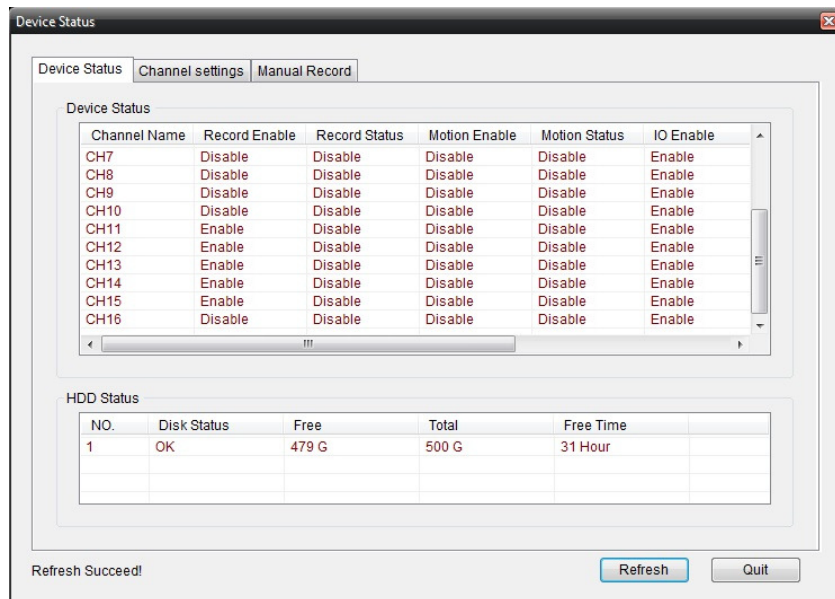
This interface concerns the device and each specific channel enabled, mobile device enabled, IO query enabled and query and setting functions. For example, to switch the option “**Enable**” of the first video channel to “**Disable**”, click on Settings, access “**Device status**” pages and select “**Disable**” for the video channel.



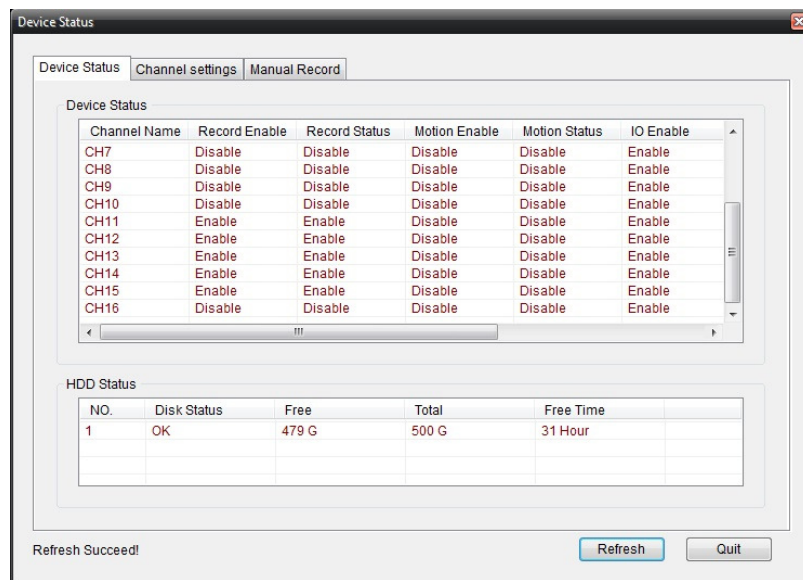
Select the “**Manual Record**” button to display the interface used to set the channel, as shown in the following figure.



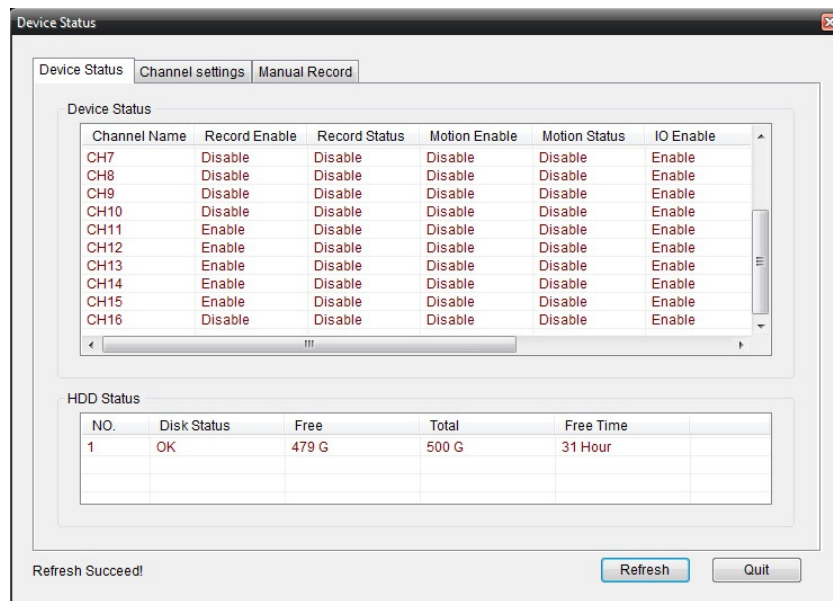
This interface allows to search and set the manual recording. The main function is manually opening or closing the channel in case of not scheduled recording. The status of video channels from 11 to 15 is “**Disable**” and there is no scheduled recording, as shown in the following figures:



In "Manual Record" option, shown in the above figures, switch the status "Close" to "Open" and save.



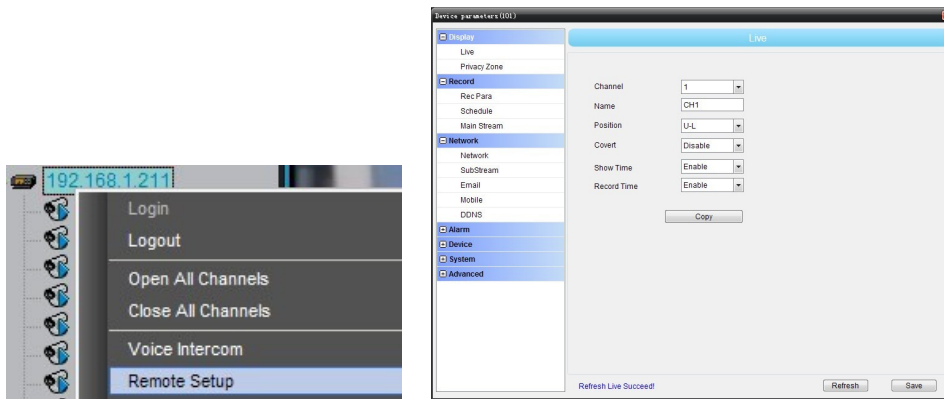
The above figure shows that the “**Record status**” of channels 11-15 has switched from “**Disable**” to “**Enable**”. After switching again “**Manual Record**” option from “**Open**” to “**Close**” and saving, click on “**Device status**”, as shown in the following figure.



The above figure shows that the “**Record status**” of the channels 11-15 has switched again from “**Enable**” to “**Disable**”.

9 DEVICE PARAMETERS

Select <Device Parameters> option to pop up the <Device Parameters> interface.



9.1 DISPLAY

9.1.1 LIVE CONFIGURATION

Channel	<input type="text" value="1"/>
Name	<input type="text" value="CH1"/>
Position	<input type="text" value="U-L"/>
Covert	<input type="text" value="Disable"/>
Show Time	<input type="text" value="Enable"/>
Record Time	<input type="text" value="Enable"/>
<input type="button" value="Copy"/>	

- **Channel:** Select one channel you want to set from the pull-down menu.
- **Name:** Allow you specify channel name and support up to eight characters or four Chinese characters.
- **Position:** indicate display position of the channel
- **Show Live Channel (Covert):** allow you enable real-time monitoring or not
- **Show Live time:** allow you record system time to Live mode
- **Show Record time:** allow you display system record on the record files
- **Copy:** allow you copy one channel's parameter to other one channel/channels

9.1.2 PRIVACY ZONE



- Tick-select the <Privacy zone> option;
- Pull-and-drag the mouse to select one privacy zone.

9.1.3 VIDEO OUTPUT

The channel grid type (SINGLE, QUAD, 8ch, 16ch) and the channels to be displayed on the grid in live mode of the local video output (BNC, VGA, HDMI) of the DVR can be set.



9.2 RECORD

9.2.1 RECORD PARAMETERS



- **Channel:** Select one channel you want to set from the pull-down menu.
- **Record:** Allow you set the channel enable record
- **Pack Duration:** allow you set packing time of single record file (15m, 30m, 45m and 60m)
- **Pre-record:** When set to <Enable>, motion detection and I/O triggered supports the Pre-record function.

9.2.2 SCHEDULE

[Channel] option allows you select one channel you desired.

To setup weekly schedules, tick-select the box of the record status you want (Alarm, General, or No Record) and then click on each box in the schedule time line that you want this method to apply to. You can use the [From – To] pull-down menus and Copy button to copy settings from one day to another day or all days.

Note: Under the <record Set> and <search> menu, original color stands for no record, “Red” stands for alarm record, “Green” stands for normal record.

9.2.3 ENCODE: MAIN STREAM

- **Resolution:** supports CIF/HD/D1 according to DVR model and performances
- **FPS** PAL 25f/s NTSC 30f/s
- **Quality** Allow you select image quality from the pull-down menu.
- **Audio** When set to <Enable> under the main stream mode, device will record and transfer video and audio simultaneously; and set to <Enable> under the sub stream mode, you are allowed to transfer video and audio simultaneously on the Live mode.

9.3 NETWORK

9.3.1 NETWORK SET

After selecting network mode - such as DHCP, PPPOE or static allocation- and setting up web ports you can visit DVR remotely through a network or internet.

Type	<input type="text" value="DHCP"/>
Client Port	<input type="text" value="60011"/>
HTTP Port	<input type="text" value="60111"/>
IP Address	<input type="text" value="192 . 168 . 1 . 211"/>
Netmask	<input type="text" value="255 . 255 . 255 . 0"/>
Gateway	<input type="text" value="192 . 168 . 1 . 1"/>
DNS 1	<input type="text" value="192 . 168 . 1 . 1"/>
DNS 2	<input type="text" value="0 . 0 . 0 . 0"/>
UPNP	<input type="text" value="Enable"/>

- 1) When selecting DHCP from the Type, A router will automatically allocate IP address for your DVR. After restarting each time, the IP address captured by your DVR may be different. So, port forwarding is required when you visit the remote DVR.

1. Select DHCP and click [Save] button;
2. Exit and restart DVR;
3. Input media port and web port
4. Set IP address captured by DVR and web port to a router
5. Visit a remote DVR
http: // public net IP: web port (such as: 8080)
http: //intranet IP: web port (such as: 8080 - only use for Intranet)

DNS: DNS server is generally provided by local ISP. Herein please enter the IP address of your domain name server.

Friendly Reminder:

1. **All the parameters you set are available only when you click [Apply] and after system are restarted.**
2. **User could need to change MAC address when there are multiple DVRs at the same local area network.**
Details please refer to section-System Information.

Type	<input type="text" value="DHCP"/>
Client Port	<input type="text" value="60011"/>
HTTP Port	<input type="text" value="60111"/>
IP Address	<input type="text" value="192 . 168 . 1 . 211"/>
Netmask	<input type="text" value="255 . 255 . 255 . 0"/>
Gateway	<input type="text" value="192 . 168 . 1 . 1"/>
DNS 1	<input type="text" value="192 . 168 . 1 . 1"/>
DNS 2	<input type="text" value="0 . 0 . 0 . 0"/>
UPNP	<input type="text" value="Enable"/>

- 2) When selecting Static from the Type, user can directly input IP address, Net Mask, Gateway and DNS.
- Set your net type to Static;
 - Set Client port number and HTTP port, and the ports need to be forwarded to a router.
 - Input a specified IP address to [IP address] column.
 - The Subnet Mask, gateway and DNS server should be consistent with your router's configurations.
 - Input DNS address. Please check router firstly. The setting should be consistent with router's
 - Click [Apply] button
 - Now you could remotely visit the DVR via IP
http: // public net IP: web port (such as: 8080)
http: //intranet IP: web port (such as: 8080 - only use for Intranet)

Type	Static
Client Port	60011
HTTP Port	60111
IP Address	192 . 168 . 1 . 211
Netmask	255 . 255 . 255 . 0
Gateway	192 . 168 . 1 . 1
DNS 1	192 . 168 . 1 . 1
DNS 2	0 . 0 . 0 . 0
UPNP	Enable

- 3) When selecting PPPoE form the Type, user can input user name and password provided by ISP and set Client and HTTP port. And now you can visit your remote DVR by using the IP address captured after registering a domain name and web port and connect to your DVR via public network.

Type	PPPoE
Client Port	60011
HTTP Port	60111
User Name	
Password	
DNS 1	192 . 168 . 1 . 1
DNS 2	0 . 0 . 0 . 0
UPNP	Enable

9.3.1.1 Router's Port Forwarding

If PPPoE is selected, port forwarding is not required. Port forwarding is required when you select <Static> and <DHCP>. Once you set the relative parameters for Router and device, now you are allowed to visit and playback the remote record files.

Strongly commend user follow below steps before changing network parameters:

- 1、 Enter into below router configuration interface;
- 2、 Input router's IP address which have be not used in the in-house network.
- 3、 Set the port of IP address specified to the device.
- 4、 The DVR IP address for the intranet should be 192.168.1.101, you should forward server port (9000) and web port (8080) to this IP address respectively.

ID	Service Port	IP Address	Protocol	Enable
1	9000	192.168.1.101	ALL	<input checked="" type="checkbox"/>
2	8080	192.168.1.101	ALL	<input checked="" type="checkbox"/>
3	554	192.168.1.101	ALL	<input checked="" type="checkbox"/>
4		192.168.1.	ALL	<input type="checkbox"/>
5		192.168.1.	ALL	<input type="checkbox"/>
6		192.168.1.	ALL	<input type="checkbox"/>
7		192.168.1.	ALL	<input type="checkbox"/>
8		192.168.1.	ALL	<input type="checkbox"/>

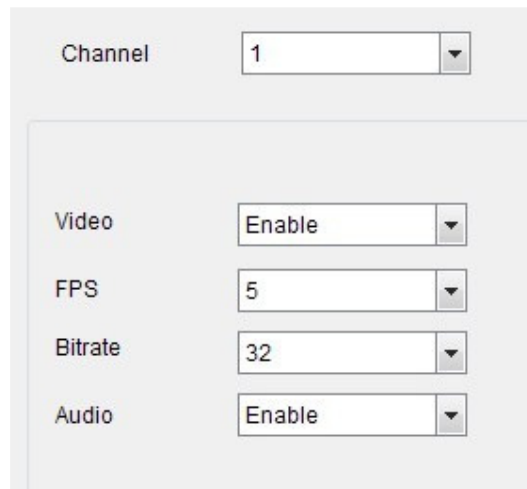
Common Service Port: [DNS(53)] Copy to ID 1

Clear All Save

Friendly Reminder: The router's port forwarding interface may be different, however, when entering into virtual server, user will always need forward port 8080 and port 9000 of router to IP address of DVR allocated or automatically captured, and select [All] or [Both] in corresponding protocol column and save the above setting.

Above steps may differ from the router device depending on the manufacturer.

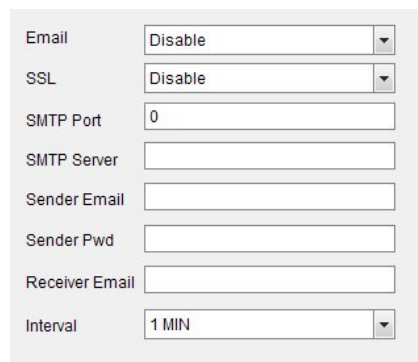
9.3.2 SUB STREAM



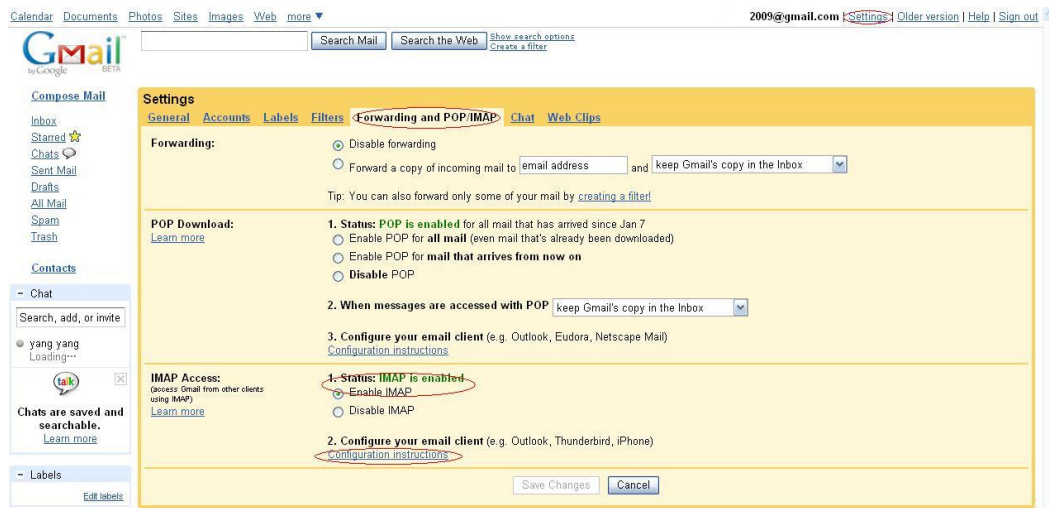
- **Resolution:** support CIF
- **Frame rate:** PAL 1--5f/s NTSC 1--6f/s
- **Bit rate:** allow you select relative stream.
- **Audio:** When set to <Enable> under the main stream mode, device will record and transfer video and audio simultaneously; and set to <Enable> under the sub stream mode, you are allowed to transfer video and audio simultaneously on the Live mode.

9.3.3 EMAIL CONFIGURATION

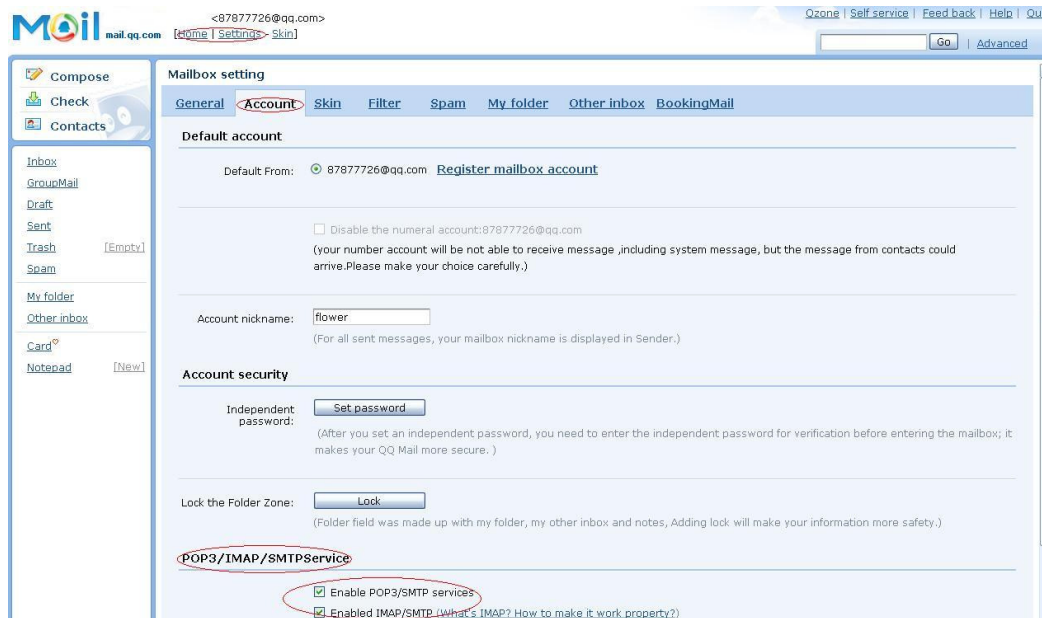
Select <Enable email> option.



- **SSL:** is a security link transport protocol. You can encrypt your communication info (including your email) using SSL to prevent hackers from monitoring your email or communication info and even your password. Please set SSL to "On" via Gmail.com server, and set to "Off" via other mail server.
- **SMTP Port:** indicate one kind of mail transmittal port opened by Simple Message Transfer Protocol (SMTP). The port number for most mails is 25 except such as Gmail server (Port number: 465).
- **SMTP server:** indicates server address you used.
- **Sender Email:** indicates sender's email address. The email address should be consistent with the server you use. That is to say, when you use email address – aaa@gmail.com, the according server should be smtp.gmail.com.
- **Sender Pwd:** indicates the Password for sender address.
- **Receiver address:** indicates receiver's email address. The email address is used to receive image transmitted from alarm DVR. Please clear the images you have received as soon as possible to avoid overloading your email account.
- **Interval:** Define the interval time in order to capture each screenshot.



STMP protocol setting please refers to below .



9.3.4 MOBILE CONFIGURATION

Please set the mobile configuration as per below.

- **User Name:** indicate user name of DVR, and support numbers and characters and 1~15 bits length (Not available for Evolution 2.0 DVR Series)
- **User password:** indicate user password of DVR (Not available for Evolution 2.0 DVR Series)
- **Mobile port:** Mobile monitoring port. Setting range is between 1024 and 65535. In Evolution 2.0 DVR Series Mobile Port can be set in Network Menu.

Please note that the server port is not equal to the port you have set to network set.

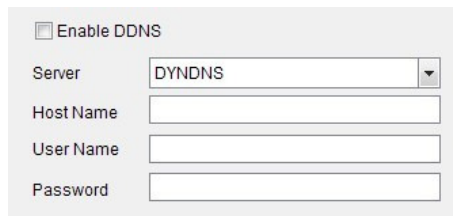
User Name	admin
Password	***
Mobile Port	1025

9.3.5 DDNS CONFIGURATION

DDNS (Dynamic DNS) is a service which creates a link between a domain and a dynamic IP address with the DDNS server so that the domain name can be reached also if the IP address has changed because it was assigned dynamically.

Select the <Enable DDNS> option.

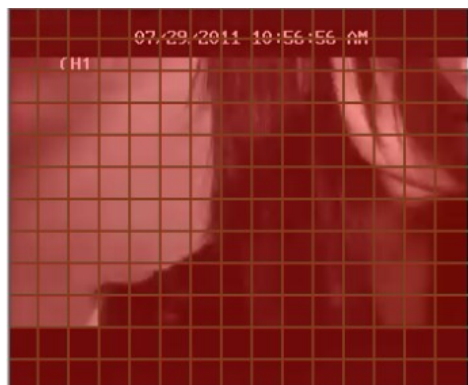
The DDNS can be selected to access the DVR remotely in one of the manners illustrated above. It is now possible to use the UrmetDDNS Account which creates a Device ID or the usual no-ip and change-ip free servers or a DynDns (the latter at a fee).



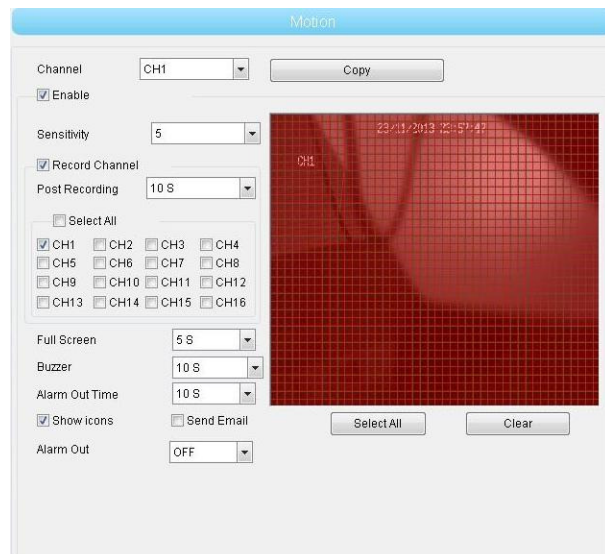
- **Server:** select the DDNS provider: **DynDns, NO-IP, CHANGE IP, UrmetDDNS**
- **Host Name:** enter the name of the host domain registered in the DDNS system as: urmet.no-ip.org
- **User Name:** enter the user name registered during the domain name request
- **Password:** enter a password set during user name request

Example: Enter the domain name (as: <http://urmet.no-ip.org:8080>) for remote access to the DVR.

9.4 ALARM



9.4.1 MOTION DETECTION



- **Channel:** allow you enable/disable the motion function for any channel.
- **Sensitivity:** allow you to set sensitivity level of motion detection from higher to low with 8 being the most sensitive.
- **Record Channel:** the record channel will be activated when the object move is detected.
- **Post Recording:** you can set how long alarm record will last when alarm ends (30s, 1m 2m 5m).

- **Full Screen:** In default conditions, the function is set to "5 S" (5 seconds). The switching time can be increased or the function can be deactivated. The corresponding channel will be switched to full screen mode when a motion detect event or alarm from external sensor is detected.
- **Buzzer:** how long the buzzer will sound when object move is detected (10s, 20, 40s, 60s);
- **Alarm Out Time:** you can set how long the external Alarm will trigger when the Motion Detection ends (10s, 20, 40s, 60s).
- **Alarm Out:** allow you connect external alarm sensor.
- **Show icons:** You can set show icons on the screen when motion alarm is detected.
- **Send Email:** Allow you send the alarm images to a specified email when motion alarm is detected.
- **Area:** Click the zone to enter into area setup interface.

The channel will be separated into a 15X10 (PAL) or 15X12 (NTSC) grids. When any object moves into the motion detection area, and the area where the object is located is displayed in red and motion detection will be triggered. In the semi-transparent area the motion detection is not activated.

9.4.2 ALARM SETTING

- **Alarm In:** allow you select one desired channel.
- **Alarm Type:** allows you select the three options – NO (Normal Open), NC (Normal Close) and OFF. Set to "Normal Open", I/O status Alarm will be activated while sensor is ON; set to "Normal Close", I/O status alarm will be activated while sensor is OFF; set to "OFF", I/O status alarm will not be triggered.
- **Alarm Out Time:** you can set how long the external Alarm will trigger when the Alarm ends (10s, 20, 40s, 60s).
- **Buzzer:** you can set how long the buzzer will sound when sensor alarm is triggered (Off, 10s, 20s, 40s, 60s).
- **Full Screen:** In default conditions, the function is set to "5 S" (5 seconds). The switching time can be increased or the function can be deactivated. The corresponding channel will be switched to full screen mode when an alarm from external sensor is detected.
- **Show icons:** You can set show icon on the screen when sensor alarm is triggered.
- **Send Email:** Allow you send the alarm images to a specified email when sensor alarm is triggered.
- **Alarm Out:** allow you connect external alarm sensor
- **Record Channel:** the record channel will be activated when sensor alarm is triggered.
- **Post Recording:** you can set how long alarm record will last when alarm ends (30s, 1mn, 2mn, 5mn).

9.5 DEVICE

9.5.1 HDD INFORMATION

[illegible]

Overwrite: When set to Auto the DVR will record over the oldest files on the hard drive once HDD is full; and set to Off, DVR will stop recording.

Overwritten time: allow you select overwritten time (1 Day, 2 Days, 3 Days, 7 Days, 30 Days and week-end mode).The record files could be stored within your selected time; otherwise, the files will be deleted compulsively.

9.5.2 PTZ CONFIGURATION

Channel	<input type="text" value="1"/>	<input type="button" value="Copy"/>
Protocol	<input type="text" value="Pelco_D"/>	
Baudrate	<input type="text" value="9600"/>	
DataBit	<input type="text" value="8"/>	
StopBit	<input type="text" value="1"/>	
Parity	<input type="text" value="None"/>	
Cruise	<input type="text" value="Disable"/>	
Address	<input type="text" value="1"/>	

You could select the channel you desire to control and set PTZ protocol (Pelco-D or Pelco-P), Baud Rate (1200, 2400, 4800, 9600), Data bit (8, 7, 6, 5), Stop bit (1, 2), Parity Check (None, Odd, Even, Mark, Space) and Address Code (1-255) respectively. Above channel parameters must be consistent with PTZ parameters and you must set Protocol, Baud rate and address code. Detail connections please refer to system connection configuration and Rear Panel layout.

9.6 SYSTEM

9.6.1 DST/TIME CONFIGURATION

1. User could modify system date, time, date format and time format.
2. Time format includes 12 hour and 24 hour.
3. DST mode includes Week mode and day mode.
4. Time Offset includes 0-1 hour and 1-2 hour.

9.6.2 NTP CONFIGURATION

Tick selects the <Enable NTP> option.

- **Enable NTP:** Allow you Enable <NTP> function.
- **Server Address:** Allow you select NTP server, currently supports three servers.
- **Time Zone:** System supports thirty Time Zones.

Update: Click <Update> to calibrate NTP parameters, that is to say, DVR will calibrate system time to the selected Time zone (Note: DVR must be connected to Internet).

9.6.3 MULTIPLE USERS MANAGEMENT

- **The model** supports up to seven users with one Admin and six users.
- **User name and password** supports ASSIC code, and user name up to eight characters, password to six characters.
- **Generic rights/Channel Rights:** Admin default to have all the generic rights and channel rights; and common user.

- **Generic Rights** includes Log Search, Parameter, Maintain, Disk Manage, Remote Login, SEQ Control and Manual Record.
- **Channel Rights** includes Backup, Live, Playback and PTZ control.

9.6.4 ABOUT

Device Name	<input type="text" value="DVR-16CIF"/>
Device ID	<input type="text" value="000000"/>
Device Type	<input type="text" value="DVR16B"/>
MAC Address	<input type="text" value="00-23-63-23-A7-1C"/>
Software Version	<input type="text" value="V3.0-20111012"/>
IE Client Version	<input type="text" value="1.1.775.0"/>
Hardware Version	<input type="text" value="DM-83"/>

9.7 ADVANCE

9.7.1 SYSTEM UPDATE

Update File Path	<input type="text"/>	<input type="button" value="Select"/>
Update Status	<input type="text"/>	
	<input type="button" value="Start"/>	<input type="button" value="Stop"/>

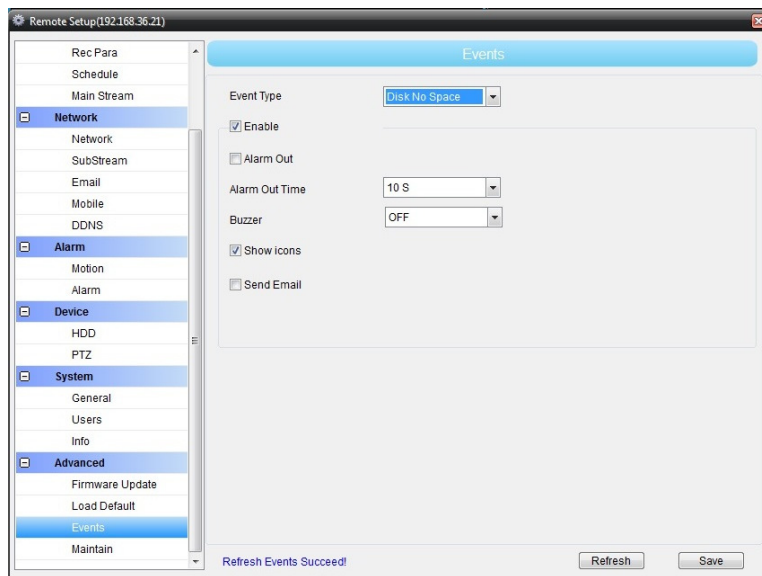
- Select Update file path;
- The format of updated file is *.sw;
- Please do not break DVR power and close the software when update processing is running;
- After selecting the path, please click <Start>;
- After finishing the update processing, system will auto reboot, and please be patient to wait for about five minute

9.7.2 DEFAULTED PARAMETERS

<input type="checkbox"/> Check All
<input type="checkbox"/> Display
<input type="checkbox"/> Record
<input type="checkbox"/> Network
<input type="checkbox"/> Alarm
<input type="checkbox"/> Device
<input type="checkbox"/> System
<input type="checkbox"/> Advanced

Tick-Select <check all> or any sub-option to recover defaulted parameters as per your actual requirement.

9.7.3 EXCEPTIONS



- **Event Type:** support the three exception types: Disk No Space, Disk Error and Video Loss.
- **Enable:** allow you enable/disable exception alarm.
- **Alarm Out:** Allows you connect external alarm sensor
- **Alarm Out Time:** you can set how long the external Alarm will trigger when the exception ends (10s, 20, 40s, 60s).
- **Buzzer:** you can set how long the buzzer will sound when the exception occurs. (Off, 10s, 20, 40s, and 60s).
- **Show icons:** You can set show message on the screen when the exception occurs.
- **Send Email:** Allows you send one alarm images to a specified email when the exception occurs.

9.7.4 BASIC SET

Allow you set auto-reboot and reboot time as per your actual requirement.

Auto Reboot	Enable		
Reboot	Every Week	Sun.	00:00

DS1093-085A

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