CMS Client Software

Instruction

Version: 1.0
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1 Introduction & operation of CMS Client software

1.1 DVR Network Remote Client

1.1.1 Login

Put the accessories CD of the DVR into the CD driver of the computer and open it, you could see the folder “client”. Please copy it onto the computer, then double-click it, you could see , please double-click the software to login the Client software.

1.1.2 Introduction of main interface

- DVR Network Remote Client is used to view the live image, remote operate DVR and control PTZ and network video recording. After login, you could see the following screen:
<table>
<thead>
<tr>
<th>NO.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DVR list.</td>
</tr>
<tr>
<td></td>
<td>Cancel or show the icons of INFO/System/PTZ.</td>
</tr>
<tr>
<td></td>
<td>INFO/System/PTZ control icons.</td>
</tr>
<tr>
<td></td>
<td>Alarm information list.</td>
</tr>
<tr>
<td></td>
<td>Channels display and capture icons.</td>
</tr>
<tr>
<td></td>
<td>Video images display channels.</td>
</tr>
<tr>
<td></td>
<td>Interface control icons.</td>
</tr>
</tbody>
</table>

1. **DVR list:**

Show the IP/domain name and channels of the added DVR. E.g.
2. Cancel or show the icons of INFO/System/PTZ.

3. INFO/System/PTZ control icons.
   a. Click "INFO" icon:
      - Show the Garnet name of the current viewing DVR
      - Gray shows that the DVR is not connected.
      - Red shows that the DVR is connected by admin.
      - Blue shows that the DVR is connected by regular user.
      - Show the channels.
      - Show the DVR working mode. Red means the function is being used, white means no.
      - Show the released time of the DVR version
      - Show the HDD quantity.
      - Show the percentage of left capacity.
   b. Click "System" icon:
c. Click “PTZ” icon:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Control the lens to enlarge / reduce the aperture.</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Control the lens to prolong/ shorten the focus.</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Control the lens to reduce the image and expand the vision. Control the lens to withdraw the establishing shot and enlarge the image.</td>
</tr>
</tbody>
</table>
Control speed dome to rotate upward/ downward/ leftward/ rightward and click OK to stop auto rotation.

Control the speed dome to auto rotation.

STOP

Preset setting. Set a number for the image. Select the image, then set a number for it in “DATA” box. Press the icon to finish setting.

Select preset point. Select data number, then click this icon to show the relative image.

4. **Alarm information list:**

When alarm happened, it will show the alarm server name, channel, type, information and time etc.

<table>
<thead>
<tr>
<th>Alarm server</th>
<th>Channel</th>
<th>Alarm type</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.168.1.1</td>
<td>02</td>
<td>鉄塔警報</td>
<td>2010/07/23 11:54:22</td>
</tr>
<tr>
<td>192.168.1.2</td>
<td>02</td>
<td>三物詭報</td>
<td>2010/07/23 11:54:22</td>
</tr>
<tr>
<td>192.168.1.3</td>
<td>02</td>
<td>三物詭報</td>
<td>2010/07/23 11:54:22</td>
</tr>
<tr>
<td>192.168.1.4</td>
<td>02</td>
<td>三物詭報</td>
<td>2010/07/23 11:54:22</td>
</tr>
</tbody>
</table>

Setting steps for alarm: Set motion alarm or sensor alarm in DVR and record. Select alarm output in Client properties-network parameters.

5. **Channels display and capture icons.**

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capture and save the image.</td>
<td></td>
</tr>
<tr>
<td>Full screen.</td>
<td></td>
</tr>
<tr>
<td>Split screen.</td>
<td></td>
</tr>
</tbody>
</table>
6. Video images display channels.

7. Interface control icons.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Make the interface smallest, click “ ” in the bottom of the PC to recover.</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Make the interface largest.</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Exit.</td>
</tr>
</tbody>
</table>

### 1.1.3 Specific operation

#### 1.1.3.1 Password management

Default password: 000000 for Admin, 111111 for regular user. Regular user could not add or delete IP, record, move IP and playback etc.

1. Click “ ” to manage the password.

2. Change the admin password

   ![Password Management](image)
3. Change regular password.

1.1.3.2 Add, delete, disconnect the DVR IP

ADD IP

1. Right-click DVR/CMS in DVR list to pop up the following picture:

Then you could see:

- Input DVR IP /domain name and port
- Input user name
- Input password
The above information should be the same as the DVR machine.

Then click OK to save IP and return to the main interface. The IP/domain name will show in the DVR list. If the DVR IP is not connected, it shows gray, e.g.

- Right-click the IP to pop up the following picture:
- Click “connect”
- Click “property” to pop up the following picture:
- Change IP, port, user name, password and display name.
- Click OK to save

Red means login by admin
If connect failed, please check the IP, PORT, user name and password is right or not. It should be the same settings in the DVR menu. And please check the network cable is connected well or not.

**Delete or disconnect the DVR IP**

Right-click the IP, select “delete” or “disconnect”.

Blue means login by regular user

Gray means the DVR is not connected.
Delete any one of the DVR IP, other IP will be disconnected, please connect them again. One DVR could be used by 16 regular users at the same time, but one admin user. When admin login, regular user will be log out and could not login.

Rename the DVR IP

The default name is the DVR IP and port. There way to rename. 1. Right-click and select “rename”. 2. Double click the IP and input new name. Right-click or press “ENTER” key to save.

3. Right-click and rename in “user info”—“property”.

1.1.3.3 Connect or disconnect many DVR IP at the same time

Click “DVR/CMS”, and then right click it. Then click “Connect All”.

1.1.3.4 Move the IP

Right click the IP, and then select “up/down” it will disconnect all IP. It needs to connect again.
1.1.3.5 Remote View

When the DVR IP is connected, it will display the images:

1.1.3.6 View many DVR images at the same time.

Click “DVR/CMS” in the DVR list to connect all DVRs. It could view 256 cameras at most at the same time.

- Set the cameras display place automatically:
• Set the cameras display place according to the DVR IP.

• Set the cameras display place according to the channels of each DVR IP.

1.1.3.7 Remote set DVR parameters

Move the mouse cursor to any camera, right-click the mouse to pop up all DVR IP or name. Then select channels.

Select the DVR IP and then right-click. Select “remote settings”

It will enter into the remote setting menu.
15

Click ▶️ could show more items. You could change the settings here for the DVR.

The DVR will restart automatically after the settings are changed.

1.1.3.8 Set net parameter
Select the DVR IP and right-click, select “property”----click “Net parameter”:

Open/close a certain channel of live network video recording.
Set the frame rate/image quality of live view.

Save path of the files: Click “Browse” and then select the save path of network video file. Click “Save Audio”, “Auto Connect” and “Alarm Output” to save audio and connect the network automatically and alarm output. After setting, click “Enter” to save and exit.

1.1.3.9 Record
Firstly please confirm the save path of the recording file, default is Disk C.
In DVR connecting mode, right-click the DVR name, and then click “Record” to start recording. Click “Stop” to stop recording.

If the DVR machine is not in record mode, you could start DVR record by Client software. E.g.

1.1.3.10 Set PTZ
- Set PTZ in live view mode.
- Click the speed dome channels and make it full screen, and then click PTZ icon to see the PTZ control icons.

Click it to start record of the DVR machine.

e.g. It is the speed dome channel, click it to be full screen, then you could do relative PTZ operation.
1.2 **AVH Files Player**

1.2.1 **Introduction of the interface**

1. Click “ ” to open the Player. E.g.

2. **AVH Files Player** could play back-up files. Client’s local video recording files, USB backup files and DVD files could be played by this player. It could be changed into AVI file and then play by normal PC player.
3. Introduction.

<table>
<thead>
<tr>
<th>NO.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Video image screen</td>
<td>View the playback video.</td>
</tr>
<tr>
<td></td>
<td>Play schedule tool</td>
<td>Show the play schedule. Left-click the mouse to drag the schedule.</td>
</tr>
<tr>
<td></td>
<td>Open the file</td>
<td>Click it to open the folder and select the file.</td>
</tr>
<tr>
<td></td>
<td>Play control icons</td>
<td>Play, Pause, Stop, Forward. When pause, click it forward one frame.</td>
</tr>
<tr>
<td></td>
<td>Capture</td>
<td>Screen capture. The picture will be saved at Disk C.</td>
</tr>
<tr>
<td></td>
<td>Play speed control</td>
<td>1/2X: 1/2 play slow, 1X: Normal play, 2X: Twice forward, 4X: Four times forward.</td>
</tr>
<tr>
<td></td>
<td>Audio</td>
<td>Open or close the audio.</td>
</tr>
<tr>
<td></td>
<td>Exit</td>
<td>Exit the AVH Play file.</td>
</tr>
<tr>
<td></td>
<td>.AVI</td>
<td>Switch the file format from .AVH to .AVI.</td>
</tr>
<tr>
<td></td>
<td>Four-split screen</td>
<td>Playback four channels at the same time.</td>
</tr>
<tr>
<td></td>
<td>Change channels</td>
<td>Select video playing channels.</td>
</tr>
</tbody>
</table>

1.2.2 Specific operation

1.2.2.1 Select the file and play

Click 

Click it to select the .avh file

Click “Open” to play.
If record resolution is CIF, the default screen of play file is single and small. If record resolution is D1, the default screen of play file is single and big. E.g.

1.2.2.2 Four channels play at the same time

Click “” to play four channels at the same time. If more than four channels have record files, click this icon to switch to another four channels. If some channel no record file, it will display “NO DATA”. If the speed of switching channels is slow, it will display “WAITING…”. If the record file less than four channels, click this icon is useless. You could click the single channel number to switch.

1.2.2.3 Switch the file format from .AVH to .AVI.

Click “” to switch the file from .avh to .avi. The .AVI file could be play by Real Media Player and other player in the PC. It is single channel play.

1.2.2.4 Capture and save

Click the box as ✔ to save the audio.
Click “ ” to capture screen and then save the screen image in another files.
Click this icon to capture the image, at the same time, the following dialog box pop up.

1.3 DVR Network Files Player

1.3.1 Introduction of the interface

Select one DVR IP in the DVR list of the CMS interface. Right-click, and then select “Net playback”.

The net files player will pop up:
### 1.3.2 Specific Operation

#### 1.3.2.1 Login

It should be admin user. When login this network files player, the CMS main interface will be closed.
1.3.2.2 Remote Play DVR HDD files.

a) Select play time, date according to the valid time.

Click the year “2010”, you could see 2010, select year here.

Click the month (e.g. May=5) to select month.

Click  or  in the calendar, it could change year and month too.

Click the data number to select day.
Then the record information will show here:

b) Click “” to play. Drag the cursor " " in the time tool or click " " to select the begin time.

c) Click " " to play fast forward.

d) Before playing, you could select any four channels to play. E.g.

After selection, you could see record information here:

e) Click " " to play with four channels at the same time. E.g.
1.3.2.3 Remote backup

1. Click "[ ]" to backup:

   - Click it to switch between single channel and multiple screens.
   - Set the start time.
   - Set the end time.
   - Show the backup schedule.
   - Click it to select the save path for backup of live network video.
   - Click OK to exit.
1.4 **Network Tools**

Select one DVR IP in the DVR list of the CMS interface. Right-click, and then select “Net tool”.

![Network Tools](image)

Change the channel title of DVR through network:

![Channel Modification](image)

After changed here, please enter into the camera setting menu in the DVR, and then change the camera name as bitmap, you could see the new channel name on the live screen of the DVR.

That’s it.