## Software Manual



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## **1.1 Overview**

This software is a powerful Central Control Software. The system is distributed framework with more windows, multiple previews, video recording, local and remote review, log query, alarm playback and remote configuration. The user interface is friendly; operation is simple and it is convenient to conduct authority settings.

The software can applied on the connection of different type or model devices (For example, NVR, IPCAM etc.). This manual focuses on the software operation and takes NVR's connection as the example. As for the specific device's function setting, please check the relative instruction. This manual is for the person who is in charge of plan, execution or review the monitor, and the hardware installation. So the person should be equiped with basic operation knowledge and experience of the relative devices (such as NVR, IPCAM etc.)

## **1.2 Software Installation**

Find out and double click the file "CMS 6.1.2.5.exe", and then the dialog pops up as below.

Select the lar installation:	nguage to use during	g the
English		
	ОК	Cance

 $(1)\,$  Choose the system language you need, click "OK", the dialog appears as below.



 $(2)\ \mbox{Click}$  "Next", the dialog appears as below.

Setup - CMS	
Select Destination Location Where should CMS be installed?	
Setup will install CMS into the following folder.	
To continue, click Next. If you would like to select a different folder, clic	k Browse.
C:\Program Files\CMS	Browse
At least 63.5 MB of free disk space is required.	
< <u>B</u> ack Next >	Cancel

(3) Click "Browse", select the install location, the default location is

"C:\Program Files\CMS", click "Next", see the below picture

Select Start Menu Folder Where should Setup place	e the program's shortcuts?	
Setup will create	the program's shortcuts in the follov	ving Start Menu folder.
To continue, click Next.	f you would like to select a different	folder, click Browse.
nglish		
	< <u>B</u> ack	Next > Cancel

(4) Click "Next", start to install CMS, the dialog appears as below.

Select Additional Tasks Which additional tasks should be performed?	
Select the additional tasks you would like Setup to perform while installing click Next.	CMS, then
Additional icons:	
Create a desktop icon	
Facilità	
< <u>B</u> ack <u>Next &gt;</u>	Cancel

(5) Choose the type, click "Next", the dialog appears as below.

leady to Install		
Setup is now ready to begin	nstalling CMS on your computer.	Ċ
Click Install to continue with change any settings.	he installation, or click Back if you want to revie	ew or
Destination location:		*
Start Menu folder:		
CMS		
Additional tasks: Additional icons:		
Create a desktop icor		
4		

(6) Click "Install" to start installing. The progress bar as below.

Installing Please wait while Setup installs CMS on your computer.	
Extracting files C:\Program Files\CMS\LibOnvif.dll	
English	Cancel

(7) After finished, it will remind you 【Completing the CMS Setup Wizard】, then the appears on the desktop.

Completing the CMS Setup Wizard Setup has finished installing CMS on your computer. The application may be launched by selecting the installed icons. Click Finish to exit Setup. I Launch CMS
<u> </u>

# 2 Introduction To Basic Function

## 2.1 Login System

After finish the installation double click the icon on the desktop. The log-in screen appears. In the first log-in, you should register a user, the user is the system administrator with all the authority. You should set the user name and password (such as, user name: admin, password: admin).

	CMS Reg	gister
UserName Password Confirm	OK Cancel	

## 2.2 CMS Operating Interface

After finish the user name and password, click "OK", then enter the Operating Interface as below picture.



## 2.2.1 Operating Zone

During the visual preview, the user can do it in the operating zone. Click the right mouse button, you can conduct the configuration of system video play.

## 2.2.2 Menu

The user can choose to set single menu and its sub-menu in the MENU.



No.	Name	Note
1	Device List	Device List, see chapter 6.1
2	Group List	group list, see chapter 6.1
3	PTZ	PTZ Menu, see chapter 5.1
	Configuration	Device Management, Time-table configuration,
4	management	Linked preplan configuration, user management,
		configuration lead-in & lead-out, Group
		management, see chapter 3
5	Tool	Log Query, Batch setting, Version information,
		see chapter 4

### 2.2.3 Shortcut Toolbar

Through the shortcut toolbar, the user can conduct device management, video replay and setting local configuration etc.



No.	Name	Note
1	Device	Include mobile detect alarm, screen mask
	Management	alarm etc., see chapter 3.1.
2	Group	polling group play and group play see
	Management	chapter 3.5
3	Video Channel	Present all the running video channel,see
		chapter 7.1.
4	Video Replay	Pop up local replay of common video and
		alarm displayer, see chapter 7.2.
5	Basic	The modify of parameter and password of
9	Configuration	the system configuration, see chapter 7.3.
6	Log Out	The user's log out, see chapter 7.4.
7	Alarm	Equipped with terminal alarm function
	Configuration	Byaippea with terminal alarmitation.

## 2.2.4 Screen Division And Polling Tool Bar

The user can choose the quantity of monitoring channels and to set the display mode.



No.	Name	Note
1	Seenning Grado	Scanning real-time and smooth level
1		setting.
2	Full Scroon	Switch to Full Screen, see chapter
<u> </u>	r un screen	6.1.1.
3	Split Screen Control	Multi-screen preview, see chapter 6.1.1.
		Video freely scan mode and video
4	Play Mode Switch	display group polling mode, see chapter
		6.1.
5	Polling Pouso	During the visual polling, the polling
0	1 oning 1 ause	can be paused.
6	Polling Recover	During the polling pause, the polling can be recovered. See chapter 6.1.4.

#### 2.2.5 Zoom Tool Bar

By the Zoom Tool Bar, the user can zoom preview zone, take video and picture.



No.	Name	Note
1	Enlarge	Enlarge the place you click on the preview
	Linarge	screen, see chapter 6.1.1.
9	Norrow	Narrow the place you click on the preview
4	INATIOW	screen, see chapter 6.1.1.
3	Voice	Voice Menu
4	Video	Record the video, see chapter 6.2.2.
5	Picture	Take the picture on the screen, see chapter6.1.1
6	Shutdown	Shut down the channel, see chapter 6.1.1.

#### 2.2.6 Message Prompt Box

The massage prompt is as the below picture. During the configuration and operation, the system will record operating information automatically and prompt with Message Prompt Box.



## **3.1 Device Management**

Before the software operation, you should add the device and make the configuration. Click the Log Query on "Tool" of menu, then the device management interface comes out as below picture:

Device management				$\overline{\mathbf{x}}$
Right click to add area or device □-:■ Device list □-:■ word	Add area	Modify name	Delete device	Delete node
		Search Device	Manualiy add	Remote config
<				

### 3.1.1 Zone Add, Modify, Delete

Right click on the junction point of zone, choose the "Add Zone" on the pop-up menu, then fill in the Zone Name, then click to finish the zone adding.

Note: right click the zone, "Delete Junction Point", "Modify Name" means to delete the junction point and modify the name.

#### 3.1.2 Manually Add

Click the "Configuration Management" on the menu, open the window of "Device Management", choose the "Device List", then the sub-menu "Manual Add" of "Add New Video Device", as below picture:

Device name		Device type PF	RIVATE_IPC
Device IP		Stream Port 55	54
Username	admin	Http port 80	)
Password	*****	Channels 1	
Area name	Device list	Link Type	Ŧ
		Playback 50	000

First: Open Add Device window.

Second: Fill the Device Name, Type and IP information. After filling, click to confirm the add.

Third: After the add, go back to the main window, now you can double click the device channel to see the video.

- > **Device Name:** Randomly fill, just as the device Identifier.
- **Device Type:** You can choose DVS, NVR, IPCAM etc.
- > **Device IP:** IP address of the video server to be connected.
- > Channel Quantity: The quantity of video server channels.

#### **3.1.3 Online Device Detect**

1. Click the "Configuration Management", open the window "Device Management", choose the "Device List" and right click, then sub-menu "Online Search" of "New Video Device", as the below picture:

Index	DeviceType	Device Name	TD	Http Port	Pten port	NIC addre
	DeviceType	Device Nume	1.0	Theprore	reap pore	The book
r			III			
onvif multi-s	egment search					
arrend a	agriculture and the fit					

2. After the Query, choose the device you need to add and select the number of the front box, then click the " choose device " to confirm.

Index	DeviceType	Device Name	IP	Http Port	Rtsp port	NIC addres
1	PRIVATE_NEW	NVR	192.168.1.91	80	554	5A:BB:6D:F
2	HISIPC_3518C	IPC	192.168.1.16	80	554	00:00:1B:0
3	HISIPC_3518C	IPC	192.168.1.15	80	554	00:00:1B:0
4	HISIPC_3518C	IPC	192.168.1.30	80	554	00:00:1B:0
5	PRIVATE_NEW	S400	192.168.1.129	80	80	00:00:1B:0
6	TIIPC_222	IPC	192.168.1.27	80	554	00:00:1B:0
7	TIIPC_222	IPC	192.168.1.29	80	554	00:00:1B:0
8	PRIVATE_NEW	IPC	192.168.1.11	80	80	00:00:1B:
9	PRIVATE_NEW	NVR	192.168.1.88	80	554	00:00:1B:
10	PRIVATE_NEW	IPC	192.168.1.89	80	80	00:00:1B:
11	PRIVATE_NEW	A200	192.168.1.118	80	80	00:00:1b:
12	PRIVATE_NEW	A200	192.168.1.26	80	80	00:00:1b:
13	PRIVATE_NEW	A300	192.168.1.20	80	80	00:00:1b:
14	ABIPC A5s66	IPC	192.168.1.19	80	554	00:00:1B:
< [			m			
onvif multi-se	egment search					

### **3.1.4 Front-end Device Parameter Settings Management**

Click the device name in the device management, as the below picture:

Device list			Modify name	Delete	levice	Delete node
NVR_192.168.1.88_554	Add	area	Search Device	Manual	v add	Remote config
€ CH02						
- 🔞 CH03	Device info	NVR 192 169	1.99.554		admin	
	Device name	100h_132.100	.1.00_004	Usemame		
•® CH05	Device IP	192.168.1.88		Password		
	Device type	NVR	<b>-</b>	Http port	80	
CH07	Steam	554		Channala	8	
	Juean			Criarineis	l.	
	Area name	Device list				
	Davios Alam					
	I Enable					
	Alarm Time	Schedule 1	<b>*</b>			
	- Device offline or					
	Device on the pr					
	Play sound					
	Sound file	C:\Program Fil	es (x86)\HeroSpeed CMS\S	ound\alam2.wav		
	Sound nic	-				
	Duration	10		•	Sec	Applies To All Devices
				14		

You can modify the parameters like Device Name, Port No., and User Name/Password etc. The default port No. is 554, and the default http port No. is 80.

Click the channel in the device management, as the below picture:

Device management				$\otimes$
Right click to add area or device				
⊟ Device list		Modify name	Delete device	Delete node
	Add area			
		Search Device	Manually add	Remote config
•68 CH02				
• CH03	Local channel setting			
• 68 CH04	Channel ID	1		
• CH05		, [=::::		
• CH06	Channel name	CHUI		-1
• CH07	Live View parame	eters		
•R CH08	Protocol	тср 🗲	2	
0	Stream type	Sub stream	Applies To All Devices	
	auto record		5	
	Enable auto	Select a schedule	•	
	- Alarm Triggers ar	nd rules		
		Motion dotact Select a rule	T	
		Ploton detect police a raie		
			)	
	Rtsp port	554		
			Modify	
	Link Type	DirectConnect-NVR	• ·	
		×	7	
			'	

1	Modify the channel name.	2	UDP/TCP Network transmission protocol choice
3	Channel data rate mode choice.	4	Time of auto-record choice.
5	Mobile detect plan choice.	6	Rtsp port
7	Link Type choice.	8	

### **3.1.5Remote Configuration**

Open "Device Management", select any device from the device list on the left, then right click to select the menu of remote configuration. You can also click the remote config on the right.



DVR, for example, Choose the device of DVR, click "remote config ", then enter the Operating Interface as below picture.



**Note:** the related operations is the same as the web operations of DVR. As for the specific device's function setting, please check the relative instruction.

## **3.2 Schedule Configuration**

Schedule is applied on the period of auto-record, you can choose the time to record by your own choice. The operation is like this:

First: Click the "Configuration Management", open the "Schedule Configuration" window

Second: Choose the time to record by your own will.

				×
		Index	Name	
Name	Schedule 1 Batch associated cameras Batch Defence	1 2 3	Schedule1 Schedule2 Schedule3	
Sun	000 000 2400 2400 100 1400 2400	4 5 6 7	Schedule4 Schedule5 Schedule6 Schedule7	
Mon	0.00 0.00 12.00 18.00 24.00 [10]	8 9 10	Schedule8 Schedule9 Schedule10	
Tue	0.00 6.00 12.00 18.00 24.00 [111]111]111]111]11111111111111111111			
Wed	0:00 = 0:00 00:00-24:00 18:00 24:00 [111]111]1111111111111111111111111111			
Thu	000 000 000 2400 [10]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]00[01]00[00]00]			
Fri	000 600 12.00 18.00 24.00 [10]01]01]01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]01[01]00[01]00[01]00[01]00[01]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00]00[00[			
Sat	0:00 0:00 12:00 18:00 24:00 [10][0][0][0][0][0][0][0][0][0][0][0][0][0			
	Modify	•	III	•

Third: Schedule Associated Camera.

A Batch of associated camera, choose plan for the cameras.

Batch associated cameras	x
⊡ □ Device list	
□- □ <b>•</b> IPC_192.168.1.16_554	
⊡ □ □ IPC 192.168.1.29 554	
€ сно1	
OK Cancel	
- Cance	

, make the recording

Single camera associated schedule, open "device management", choose a video channel, and select the schedule to be set in " Auto-record" (If you chose the time regulation, the system will obey the regulation to record automatically).

Device management								×
Right click to add area or device	_							
🕀 🚍 Device list			Modify name		Delete device		Delete node	
⊟ ■ IPC_192.168.1.16_554		Add area		1				
•🕑 CH01			Search Device		Manually add		Remote config	
⊟ ■ IPC_192.168.1.29_554								
🐨 CH01	-Local cha	annel setting						
		Channel ID	1					
		Channel name	CH01					
		Live View paran	neters					
		Protocol	TCP	•				
		Stream type	Main stream	-	Applies To All Device	s		
		auto record						
		Enable auto	Select a schedule			-		
			Associa	ted Sch	nedule,give the p	lann	ed	
		- Alarm Triagana	time to	the ca	imera			
		Alarin mygers a	and roles					
			Motion detect Sele	ct a ruie	<b>_</b>			
						_		
					Modify			
						_		

Note: This option is effective for preview video channel.

## **3.3 Alarm Linkage Plan Configuration**

Alarm Linkage offers many alarm prompt methods, the operation is as below:

**First:** Click the "Configuration Management" on the menu bar, open "Linkage Plan Configuration" to install the alarm linkage.

	Index	Name
		scheme 1
Rule Name	scheme 1 2	scheme 2
	3	scheme 3
Disu cound		scheme#
<ul> <li>Fidy Souriu</li> </ul>		schemes
		scheme 7
Sound file	C:\Program Files (x86)\HeroSpeed CMS\Sound\Alarm1.wav	scheme8
		scheme9
Duration	Sec Test 10	scheme 10
Duration		benefic 10
Record		
Time of duration	30 Sec	
Select Preset	Select Preset	
Popup Video		
	Modify	

> **Plan Name:** Modify the plan's name.

Sound to Play: Set the alarm ring, the computer will sound.(rank: 5~1200s)

> **Record:** When it alarm, the camera will present red alarm and record. (rank: $5\sim3600s$ )

> **Pop Video:** After the configuration, trigger the alarm, alarm window will pop out.

**Second:** After finish, click the Modify to save the data.

**Third:** Video channel associated plan, open "device management", and choose a video channel, manage the plan according with the alarm mode.

Brit dok to add area or device       Modify name       Delete device       Delete node         Brit IPC, 192.168.11.6,554       Add area       Search Device       Manually add       Remote config         Brit IPC, 192.168.11.29,554       Search Device       Manually add       Remote config         Channel Iname       H01       Image: Channel ID       Image: Channel	Device management				$\overline{\otimes}$
Bevice list     Add area     Modfy name     Delete device     Delete node     Remote config      Add area     Modfy name     Delete device     Delete node     Remote config      Local channel setting     Channel ID     I     Channel ID     I     Channel name     HOI     Live View parameters     Protocol     TCP     Stream type     Main stream     Apples To AID Device     plan     Alarm Triggers and rules     Motion detect     Select a schedule     Modfy	Right dick to add area or device				
Add area Search Device Manually add Remote config CH01 Clocal channel setting Channel ID Channel I	⊡ Device list		Modify name	Delete device	Delete node
Local channel setting Channel ID I Channel ID I Channel ID I Channel Rame CHOI Live Wew parameters Protocol TCP Stream type Main stream Applies To Al Devices auto record Enable auto record Enable auto record Alarm Triggers and rules Motion detect Select a rule Motion detect Select a rule Modify	E IPC_192.168.1.16_554	Add area	Search Device	Manually add	Remote config
Local channel setting Channel ID I Channel name CH01 Une View parameters Protocol TCP I Apples To All Devices auto record Enable auto Celect a schedule Associated plan Alarm Triggers and rules Motion detect Select a rule I Modify					
Channel ID 1 Channel name CH01 Live View parameters Protocol TCP Stream type Main stream Applies To Al Devices auto record Enable auto Select a schedule Associated plan Alarm Triggers and rules Motion detect Select a rule Modify		Local channel setting			
Channel name CH01 Live Wew parameters Protocol TCP Stream type Main stream Applies To All Devices auto record Enable auto Select a schedule Associated plan Alarm Triggers and rules Motion detect Select a rule Modify		Channel ID	1		
Chame name 1901 Universe Protocol Stream type Main stream Apples To Al Devices auto record Enable auto record Enable auto record Alarm Triggers and rules Motion detect Select a rule Modify Modify			CHO1		
Live View parameters Protocol TCP Stream type Main stream auto record Enable auto Select a schedule Associated plan Alarm Triggers and rules Motion detect Select a rule Motion detect Select a rule Modify		Channel name	10.01		
Protocol TCP Stream type Main stream Applies To All Devices auto record Enable auto Alarm Triggers and rules Motion detect Select a rule Modify		Live View parame	eters		
Stream type Main stream Apples To All Devices auto record Enable auto Celect a schedule Alarm Triggers and rules Motion detect Select a rule Modify Modify		Protocol	TCP		
auto record Enable auto Alarm Triggers and rules Motion detect Select a rule Motion detect Select a rule Modify		Stream type	Main stream	Applies To All Devices	
Enable auto Select a schedule Associated plan Alarm Triggers and rules Motion detect Select a rule Modify		auto record			
Associated plan		Enable auto	Select a schedule	_	
Alarm Triggers and rules Motion detect Select a rule  Modify			pelect a schedule		L
Modify		Alarm Triggers an	d rules Motion detect Select a rule		d plan
				Modify	

Forth: Click Modify to save data, then PC will alarm according to the settings.

Note: This option is effective for preview video channel.

Users can choose to select the arming or disarming the alarm signal processing to front-end device, in the device list, right-click on the menu bar device node in the device tree, select "arm" to start monitoring the alarm device, if the device is in armed state, right-click the device node, click the "disarming" to cancel the alarm monitoring equipment. Right-click the zone nude and select "Zone Arm" or "Zone Disarm" for all devices can be operated under the zone. If the software has been carried out after arming alarm linkage set, when receiving an alarm signal, it will trigger the relevant linkage operation. Software restart, armed state will revert to the state before the shutdown.



## 3.4 Configuration Lead-in And Lead-out

#### 3.4.1 Configuration Lead-in

Click "Configuration Management" on the menu bar; open the "Configuration Lead-in and Lead-out ", select "Data Lead-out" to lead-out the configuration file " SysConfig.conf" to the given content.

**Note:** "SysConfig.conf " cannot be modified, or the lead-in will fail.

#### **3.4.2 Configuration Lead-out**

Click "Configuration Management" on the menu bar; open the "Configuration Lead-in and Lead-out ", select "Data Lead-out" and choose "SysConfig.conf" file. If succeeded, the data will be effective in the next restart of the Client.

## 3.5 Group Management

The software supports polling group play and group play. Before the polling play, the device should be added and set well.

Click the Device Management; select the group management, as below picture:

Group				$\otimes$
			Device group	
	Device list     Device l	==>	Group1     Group2     Group3     Group4     Group5     Group6     Group6     Group6	
		<==	Group8	
		UP		
		Down		

The left side is the added device list, the right side group list, the four button's function is as below:

Button	Note
==>	Add the selected channel to one group.
	Selected channel will be deleted from group. When
<==	you click a group name, click the button, and then the
	entire group will be emptied.
	The channel Moves up to one position in the group
UP	when the channel is at the top, the button is gray, and
	this function is unavailable.
	The channel Moves down to one position in the group,
Down	when the channel is at the bottom, the button is gray,
	and this function is unavailable.

The user Right-clicks group name in the pop-up menu, select "Edit Group", then dialog box pops up as follows.

Modify group
Group information
Group name Group 1
Duration 10 Sec
Display 16 💌
Allow Patrol
OK Cancel

This is the explanation to the box:

Option	Note
Device Group	User defines group name.
Pause Time	Preview display time of the packet polling.
Division Quantity	Show the total number of the split-screen when group play, the number is generally consistent with the total number of channels.
Polling permission	Select this option allows the group to participate in the given polling packet, the group must supports polling play.

When you add a channel to a group, first need to click the group name to be added, then select the channel be added from the list of devices and then click \_\_\_\_\_. When you want to removed it from the channel group, first need to select the channel and then click \_\_\_\_\_, or right-click the channel name, then select "Delete channel" to delete the channel from the pop-up menu. Skill: When user need to delete all channels under a group, just click the group

name and then click \_\_\_\_\_\_, you can right-click the group name and then select "Delete Group" to empty a group in the pop-up menu.

4.1 Log Management

Enter the "Tools" of menu bar and click "Log Search" interface, set the period of the log to be queried, select the mode and sub-mode of the log, click search, then the log will come out, as below picture:

Tools

og search									
Start time Select Device	☑/19/2015	▼ 13:12:30	•	End time	8/19/2015	•	14:12:30	•	Search
	Time	User	Туре	Detail				•	Log     Log     - System Log     - User Logout     - User Logout     - Config Operation     Alarm Log     - Alarm Input     - Alarm input     - Alarm input     - Video Schelter     - Disk Full     - Other Alarm     App Log     - Record     - Capture     - Preview     Disk switch

## 4.2 Remote Replay

Enter the "Tools" menu on menu bar and click "Remote Replay Back" on the pop-up interface, as shown in this screen, you can view the video stored in NVR device



Introduction to the Remote Replay Interface:

Zone	Note	Zone	Note
1	Remote Replay window	2	Device list
3	Select time of Remote Replay	4	File Type Choice
5	Control bar of playing	6	List of Search results

### 4.2.1 Remote Video Retrieval

First: Select the date to be played back;

**Second:** Select the desired channel playback;

Third: Fill NVR device's IP address;

Forth: Fill NVR device TCP port;

**Fifth:** Click the Search button to retrieve NVR video files, if the channel video files exist on that day, the search results will appear in the search results list area. At this time select a window, double-click the video to watch the video search results in the NVR device.

### 4.2.2 Remote Video Control



Introduction to the Remote Video Control:

NO.	Function	NO.	Function
1	Hide file list area	2	Voice
3	Play	4	Pause
5	Stop Play	6	Video editing
7	Picture-shoot	8	Speed control
9	All stop	10	1 split scree
11	4 split scree	12	Full screen
13	Hide workplace		

## **4.3 Version Information**

Enter the "Tools" menu on menu bar and click "About" on the pop-up interface, The Version Information of CMS software is seen in the below picture:

All copyrigh	t (C) 2015	
Software	CMS	
Version:	6.1.2.5	OK

## 5.1 PTZ Setup

Click the "PTZ" menu on the menu bar , it will show us as below picture:



Introduction to the PTZ Control:

NO.	Function	NO.	Function
1	steering controls	2	Zoom
3	Focus	4	Iris

- Click or press on any " button on the steering controls ,you can change the direction of the PTZ camera.
- Click"+"or "-"button on the zoom menu ,you can adjust the scenery near and far.
- ▶ Click"+"or "-"button on the Focus menu ,you can adjust the sharpness of the picture.
- Click"+"or "-"button on the Iris menu ,you can control through the lens of the light.

Click the device list of the main menu, it will show us the device list Currently.

Device List	
Device list	*
•• CH01	
•• 🔂 CH02	
😚 CH03	
🔨 CH04	
• 🐨 CH05	
• 🐨 CH06	
• 🐨 CH07	
• 🐨 CH08	Ε
• 🐨 CH10	
•• CH13	

## 6.1 Watching Video

## 6.1.1 Free View Model

- Double-click the channel to play: Select one Play Window of the Video-viewing area, the channel will play in the Play Window. Under the Spilt Screen Preview Model, it will be shown as full screen when we double-click any preview frame and it will be restored when double-click again. The currently channel can be stopped by clicking the "X" on the top right corner.
- Click the right key to play: Select any play window of the video-viewing area, right key the channel of the device tree, and then select "Open to Preview", the channel will play in the play window.
- Drag the channel to play: Select any channel of the device tree then hold down the mouse and the channel will start playing when it is dragged to any play window in the view area.
- > Multichannel Preview: Select the Picture-division LNK tool in the Picture-division



the

and the Polling toolbar

frame can be displayed in 1, 4, 8, 9, 13 and 16 channels.

Picture Zoom: We can adjust the scaling of digital and number by clicking the button of zoom in and zoom out in preview window. The scaling can be adjusted by rolling the roller under the model of Number zooming out.

## 6.1.2 Right Menu

Select any play window in the video-viewing area, the user can do the following by right-clicking.

	Change Stream	•
	Capture	
	Start record	
	Show bit rate	
	Stop playing	
	Stop all	
$\checkmark$	Show all windowss title	

- Stream Switching: The main stream, stream 2 and stream 3 can be chosen to preview.
- > **Picture zoom in:** Set the current channel as digital zoom in or number zoom in, the default is number zoom in.
- **Capture:** Capture the current time and the picture of the current channel, save it to the disk.
- > **Start Recording:** Record the current channel and save it to the disk.
- > **Stream:** Show the flow of the preview channel.
- Color Set: Make the color configuration of the current channel and the brightness, the contrast, the saturation and the sharpness.
- **Stop play:** Close the frame of all channel.
- > Show as original scale: Zoom in pictures as the original scale.
- > Show the title bar of all windows: Show the title bar of all windows.

## 6.1.3 Play In Groups

Click the "Device List ", show the device in groups.



**Right-click the menu to play:** Select any play window of the view area. Then right-click any group of the device list to select " Play in groups " . The group will start to play the channel of it in turn.

**Drag the play group:** Select a group in the group list, hold down the mouse button down, and drag it to view a play area in the window, the packet will change the playback window to start playing the packet channel in turn.

#### 6.1.4 Polling Play In Groups

**Start polling:** Click the real-time panel "**S**" to switch the play model to" Polling view model ", then the software will polling all groups set as polling with permission in turn.

**Polling Pause/Restore:** Click "**L**" in the real-time panel, the software will pause polling. After pause, the button will change into". Click the button again and it will restore the polling in groups.

**Polling Finish:** Click the "Play Model" then select the "Free view model",it will finish polling."Polling Restore". Click the button again and it will restore the polling in groups.

**Polling Finish:** Click the "Play Model" then select the "Free view model", it will finish polling.

## 6.2 Manual Capture And Record

#### 6.2.1 Manual Capture

- **Title capture:** Click the capture button **Solution** in title bar, it will capture the directly.
- Right-click the menu to capture: Right-click the play window, the context menu will be pop out, then select "Capture". It will show you "Capture Successful ".

**Note:** If the network environment is poor, have dropped the case the playback screen will appear the situation capture failure.

#### 6.2.2 Manual Record

**Window Title Video:** Right-click the play window record button in title bar, it will record the picture directly. At this time the record button becomes, click again to stop recording. At the same time there will be a red screen "Rec" prompt.

**Right-click the menu to record:** Right-click the play window, the context menu will be pop out, then select "Start record". The context menu will become checked, click again and the record can be stopped.

It will show us "Start Record" and "Finish Record" when we start or finish recording.

## 7.1 Status Of Record Channel

Select in LNK tool bar of system and then enter the interface of record channel. It will show us the channel which is recording, the preview stream, the type of record channel stream, status of record channel, local save address and other messages. Shown as the following:

e actic	e						(	
Index	DeviceName	IP Address	Channel	Play stream type	Rec stream type	Schedule	Record Status	
			OK	Cance	a			

## 7.2 Record Playback

## 7.2.1 Introduction Of Play Back Interface

Select in LNK tool bar of system, then enter Record Playback Interface.

录像回放				and the second second					
(BHAD)			6000-60-60 6030530	[ ❷¥第□2				6000-60-00 00:00:00	<ul> <li>●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●</li></ul>
BH&C3			0000-00-00 00:00:00	● ● 新第日 4				6000-00-00:00:00	● 豊都治 ● 豊都治 ● ● ● 豊都治 ● ● ● 豊都治 ● ● ● 豊都治 ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
	-    🔳   > 🛛	H 10	144 15 24 44	Bx					2015年8月 月日月一月二月三月四月五月六
	0 04:00	06:00 (	10:00	12:00	14:00 16:00	18:00	20:00	22:00 00:00	2 3 4 6 7 8 9 10 17 10 10 10 10 10 10 10 10 10 10 10 10 10

Introduction of Playback Interface:

NO.	Introduction	NO.	Introduction
1	Record Playback	2	List of device tree
3	Local record disk	4	Search Panel
5	Play-control bar	6	Time line Panel

#### 7.2.2 Record Search

Step 1: Select the window need to playback and then select the channel in device tree.

Step 2: Select the type of record file and the disk.

Step 3: Select search date.

Step 4: Click Ster to search record file. Time line will show us the time bucket.

If there are some records in the time bucket, the time line will act as blue. (Alarm record is red)

If there are some record files on some day, it will replay the record files from the earliest time.

Step 5: When move the mouse on the timeline, the panel will show the time point. Click it and positioning records. The display scale of time line can be zoomed in or out

by clicking

#### 7.2.3 Playback Control

	1/8x 1/4x 1/2x 1 2x 4x 8x	⊒ ⊞ ⊟ ↑ ↑ ↑ ↑
1 2 34 5 6	7	8 91011

#### 8 9 10 11

Introduction of Playback control bar is as the following:

NO.	Function	NO.	Function
1	Play	2	Pause
3	Stop	4	Playback Single Frame
5	Edit	6	Capture
7	Speed Adjustment	8	Full Stop
9	1 Picture Division	10	4 Picture Division
11	Full Screen		

## 7.3 Local Configuration

Monitoring Platform allow users to save in different disks. Click ", on the LNK tool bar and open the basic configuration window to do it.

	for Alarm Logs	30	Auto re-connect times	always 💌
Storage days f	or operation logs	30	Run at Windows startup	
Path configuratio	ı			
Record downlo	ad to e:\new-v	vorkspace\net_cms\net_cm	s\Bin\DownLoad\	Select path
Image capture	save to e:\new-v	vorkspace\net_cms\net_cm	s\Bin\Capture	Select path
Record dip file	save to e:\new-v	vorkspace\net_cms\net_cm	s\Bin\RecordCut\	Select path
Record configura	tion			
Disk	Total size	Free size	Reserved space(single)	20480 M
C:	97.66 GB	59.76 GB	Switch time	30 M
✓ E:	195.31 GB	118.26 GB	Storage days for normal records	30
			Storage days for alarm records	60
			On disk full	Clear earliest 🔻
		•	Stream type	Main stream 💌
•	20			

- Software Configuration: Manage the alarm log, operation log, failure of video-connection and AUTO Exec.
- **Route Configuration:** Set the route of remote download, capture and video-editing.
- ➢ Record configuration: Set the route of video storage. There are multi-choices to choose. When it is checked, the monitoring platform will record from the disk which remains the biggest free space. And when the free space is little than 1024M, it will record from the next disk as default.
- > Single disk reserved space: The free space that single disk can remain.
- > Switch time of record: Set the time of every video.(Range: from 10 to 60 minutes)
- > **Operation of full disk:** Choose to finish recording or delete the earliest file.
- Restore the status of preview: When it is checked, the software will start to enter the preview status quit at last time automatically.
- > Capture Display: Preview captures, pictures will be pop out.
- > **Pop out the alarm window automatically:** When the device alarms, the window of alarm channel will pop out automatically.
- **Double click the main stream to preview:** Double click the window, we will preview pictures with the main stream.

## 7.4 Log out

Select in LNK tools bar of the system to enter log out interface.Users cannot log in the system unless the password is input.

