

Central Management Software

CMS for IP Camera



Version 1.0

CONTENTS

一、 Application Environment

1.1 System requirements-----	3
1.2 CMS and IP Camera data table-----	3

二、 Install and uninstall

2.1 CMS Install-----	4
2.2 CMS Uninstall-----	5

三、 CMS Basic Function

3.2 CMS Login and Quit-----	7
3.2 CMS Interface Introduction-----	8
3.2.1 The main interface introduction-----	8
3.2.2 Device configure-----	9
3.2.3 Storage config-----	10
3.2.4 Replay-----	10
3.2.5 System config-----	11
3.2.6 Linkage-----	11
3.2.7 User manage-----	12
3.2.8 Electronic map-----	12
3.2.9 Log Query-----	13

四、 How to add and preview quickly

4.1 Search IP Camera-----	14
4.2 Modify IP Camera-----	14
4.3 Add Device-----	15
4.4 Preview Device-----	15

一、 Application Environment

1.1 System requirements

- Hardware:
 - CPU: Dual-core CPU and above
 - RAM: 2GB and above
 - Graphics Card: the graphics RAM 512MB and above
- Software:
 - OS: Windows XP, Windows Server 2003, Windows Server 2008, Windows Vista, Windows 7, Windows 8.

1.2 CMS and IP Camera data table

The Audio and Video analysis and display capabilities of CMS will be different in different hardware configuration,

The following data table is for reference only.

Operation Environment		CPU Intel dual the nuclear 2.8GHZ and more, 1GB RAM		
Num	Camera sets(units)			CPU Occupancy Rate (%)
	Video	Play	Total	
1	0	10(Mega Pixel)	10	85-99
2	10	10	10	89-99

Num: Video=0 No Video, just play.

Note: 10 IP Cameras just for a computer best; CPU occupancy rate is preferably not more than 85%

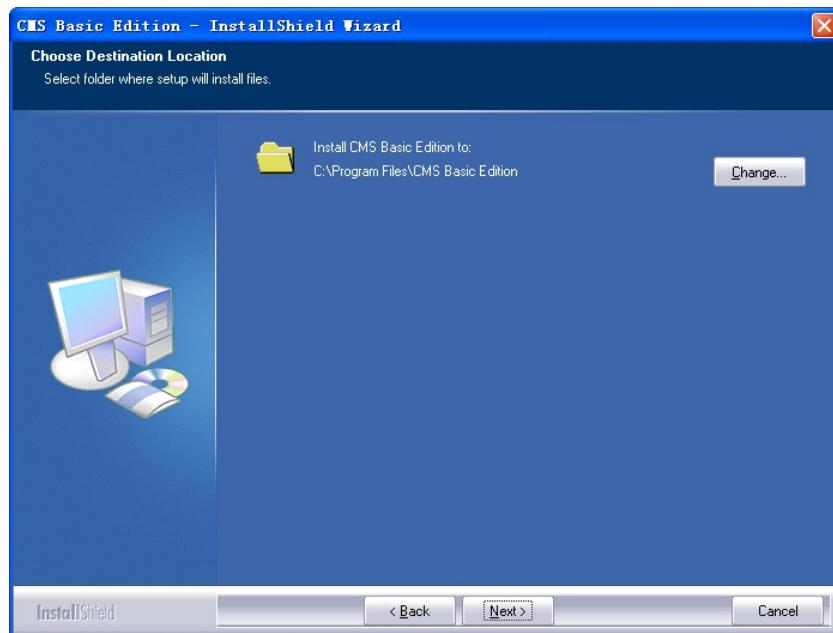
二、Install and uninstall

2.1 CMS Install

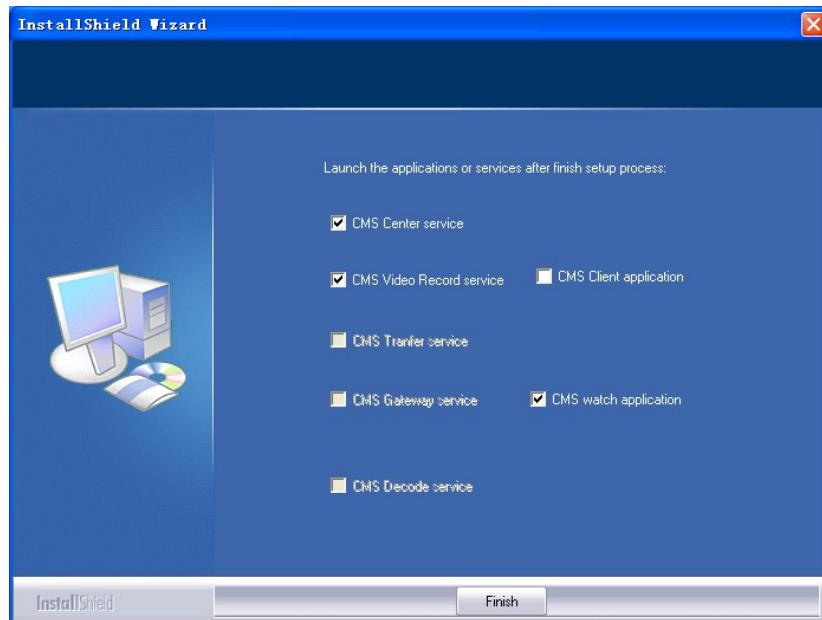
Tips:

- Please make sure your PC computer is not installed MYSQL; if so, uninstall it.
- Please make sure your PC computer is not installed the same CMS; if so, uninstall CMS.
- Please check the port of PC computer, if CMS cannot be installing.

- A. Double-click on “CMS6 V6.0.1” , PC will display a new window. Choose a suitable installation location of the CMS and click “next”.



- B. When the PC computer displays the following window, please click “finish”.

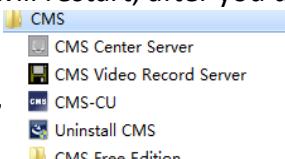


C. CMS icon  will be displayed on your desktop.

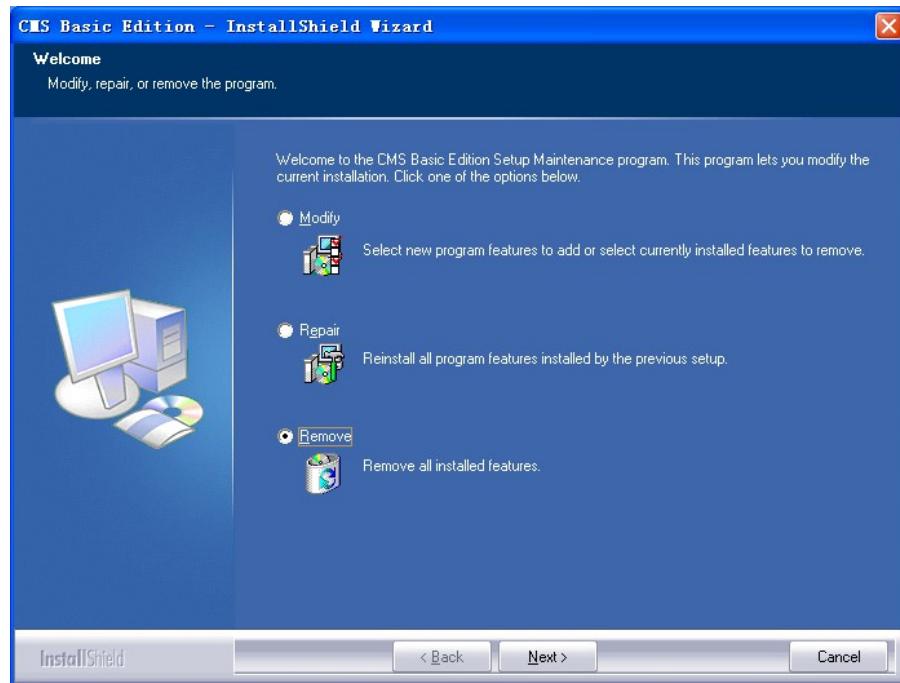
2.2 CMS Uninstall

Tips:

- Please back up the database and cfg files before you uninstall the CMS.
- PC computer will restart, after you uninstall the CMS.

A. Click "uninstall CMS"  , the desktop will display the

window. Choose "Remove" and click "next".



B. Choose "Y", CMS will be uninstall from your computer. Choose "N", cancel.



三、 CMS Basic Features

3.1 CMS Login and Quit

- A. Click “CMS-CU” . Disappear the window. For the first time, you can click on the “Login” button

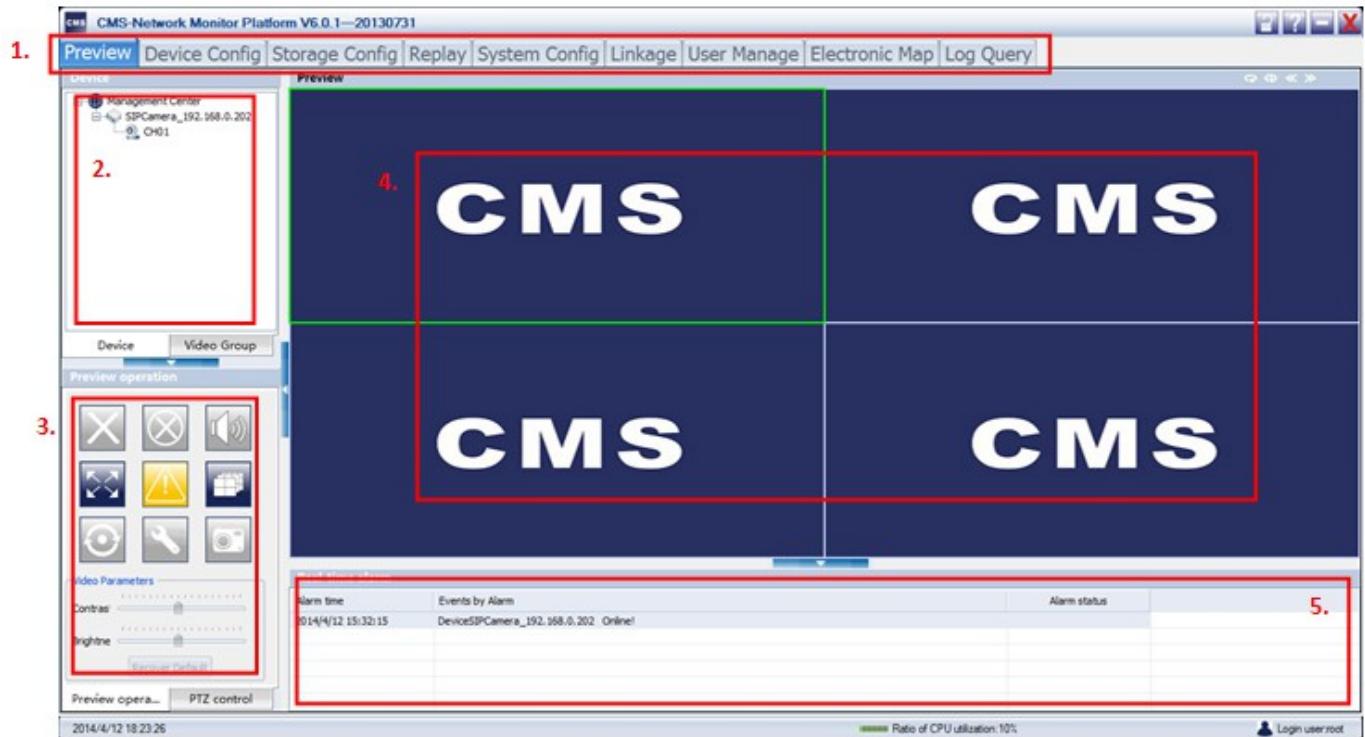


Server: 127.0.0.1 (default)
Port: 8000 (default)
User Name: root (default)
Password: 123456 (default)
Save password: CMS can save the password
Auto login: CMS can auto login CMS

- B. Click on “Quit”, you will close the CMS.

3.2 CMS Interface Introduction

3.2.1 The main interface introduction



1-The menu bar:

- Preview: preview the real-time video of IP Camera
- Device Config: add, manage, configure the IP Camera
- Storage Config: set the video mode of the IP Camera
- Replay: playback the video of the IP Camera
- System Config: basic settings of the CMS
- Linkage: connect with other platforms
- User Manage: manage user groups and permissions
- Electronic Map: the position of IP Camera combined with electronic maps to simulate the deployment
- Log Query: including the operation log and alarm log

2-Device Manager List

- Display devices
- Display the group of devices

3-Operating area

- Preview operation: close the current preview/close the all previews/voice switch/ full screen/cancel the alarm/switch the screen/Carousel switch/ Parameter settings/ screenshots from left to right in turn.
- Image set: brightness/ contrast
- PTZ control: control up and down all around
- PTZ expansion set: route and preset settings

4-Realtime preview

- Channel: display the video of online camera
- Extended settings: close the current preview/close the all previews/main stream/sub stream and so on.

5- Alarm information list

- Show the latest alarm information

3.2.2 Device configure

ID	名称	IP地址	端口	连接状态	所在位置	最后访问时间	
1	存储服务器	CMS-SS	127.0.0.1	10000	在线	管理中心	2014-3-6 11:0:32
2	IPC/NVR系列设备	NVR151	192.168.0.1.19	192.168.0.1.19	在线	管理中心	2014-3-6 11:10:4
3	IPC/NVR系列设备	SIPCamera_192.168.0.12	192.168.0.12	5050	在线	管理中心	2014-3-6 11:4:17
4	IPC/NVR系列设备	SIPCamera_192.168.0.13	192.168.0.13	5050	在线	管理中心	2014-3-6 11:4:17
5	IPC/NVR系列设备	SIPCamera_192.168.1.10	192.168.1.10	5050	在线	管理中心	2014-3-6 11:4:17
6	IPC/NVR系列设备	SIPCamera_192.168.1.11	192.168.1.11	5050	在线	管理中心	2014-3-6 11:4:17
7	IPC/NVR系列设备	SIPCamera_192.168.1.12	192.168.1.12	5050	在线	管理中心	2014-3-6 11:4:17
8	IPC/NVR系列设备	SIPCamera_192.168.1.13	192.168.1.13	5050	在线	管理中心	2014-3-6 11:4:17
9	IPC/NVR系列设备	SIPCamera_192.168.1.14	192.168.1.14	5050	在线	管理中心	2014-3-6 11:4:17
10	IPC/NVR系列设备	SIPCamera_192.168.1.15	192.168.1.15	5050	在线	管理中心	2014-3-6 11:4:17
11	IPC/NVR系列设备	SIPCamera_192.168.1.16	192.168.1.16	5050	在线	管理中心	2014-3-6 11:4:17
12	IPC/NVR系列设备	SIPCamera_192.168.1.17	192.168.1.17	5050	在线	管理中心	2014-3-6 11:4:17
13	IPC/NVR系列设备	SIPCamera_192.168.1.18	192.168.1.18	5050	在线	管理中心	2014-3-6 11:4:17
14	IPC/NVR系列设备	SIPCamera_192.168.1.19	192.168.1.19	5050	在线	管理中心	2014-3-6 11:4:17
15	IPC/NVR系列设备	SIPCamera_192.168.1.20	192.168.1.20	5050	在线	管理中心	2014-3-6 11:4:17
16	IPC/NVR系列设备	SIPCamera_192.168.1.21	192.168.1.21	5050	在线	管理中心	2014-3-6 11:4:17
17	IPC/NVR系列设备	SIPCamera_192.168.1.22	192.168.1.22	5050	在线	管理中心	2014-3-6 11:4:17
18	IPC/NVR系列设备	SIPCamera_192.168.1.23	192.168.1.23	5050	在线	管理中心	2014-3-6 11:4:17
19	IPC/NVR系列设备	SIPCamera_192.168.1.24	192.168.1.24	5050	在线	管理中心	2014-3-6 11:4:17
20	IPC/NVR系列设备	SIPCamera_192.168.1.25	192.168.1.25	5050	在线	管理中心	2014-3-6 11:4:17
21	IPC/NVR系列设备	SIPCamera_192.168.1.26	192.168.1.26	5050	在线	管理中心	2014-3-6 11:4:17
22	IPC/NVR系列设备	SIPCamera_192.168.1.27	192.168.1.27	5050	在线	管理中心	2014-3-6 11:4:17
23	IPC/NVR系列设备	SIPCamera_192.168.1.28	192.168.1.28	5050	在线	管理中心	2014-3-6 11:4:17
24	IPC/NVR系列设备	SIPCamera_192.168.1.29	192.168.1.29	5050	在线	管理中心	2014-3-6 11:4:17
25	IPC/NVR系列设备	SIPCamera_192.168.1.30	192.168.1.30	5050	在线	管理中心	2014-3-6 11:4:17
26	IPC/NVR系列设备	SIPCamera_192.168.1.31	192.168.1.31	5050	在线	管理中心	2014-3-6 11:4:17
27	IPC/NVR系列设备	SIPCamera_192.168.1.32	192.168.1.32	5050	在线	管理中心	2014-3-6 11:4:17

1- Device management area

- Adding regional and device information.
- Delete regional and device information.

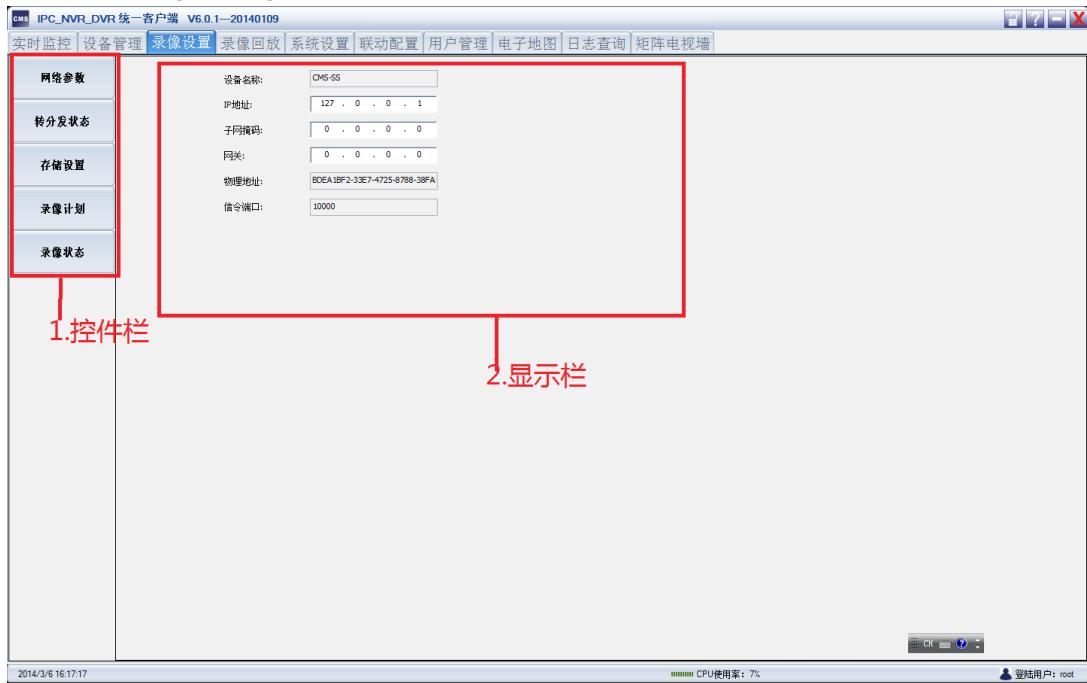
2- Device control bar

- Add: search/modify/add IP Camera
- Modify: modify the name / IP add/command port/user/password of the device
- Delete: delete the device of the list
- Config: remote invocation parameters of the device
- Diagnosis: diagnosis the device
- Sync time: Calibration time

3- list of online device

- all online devices will be added here

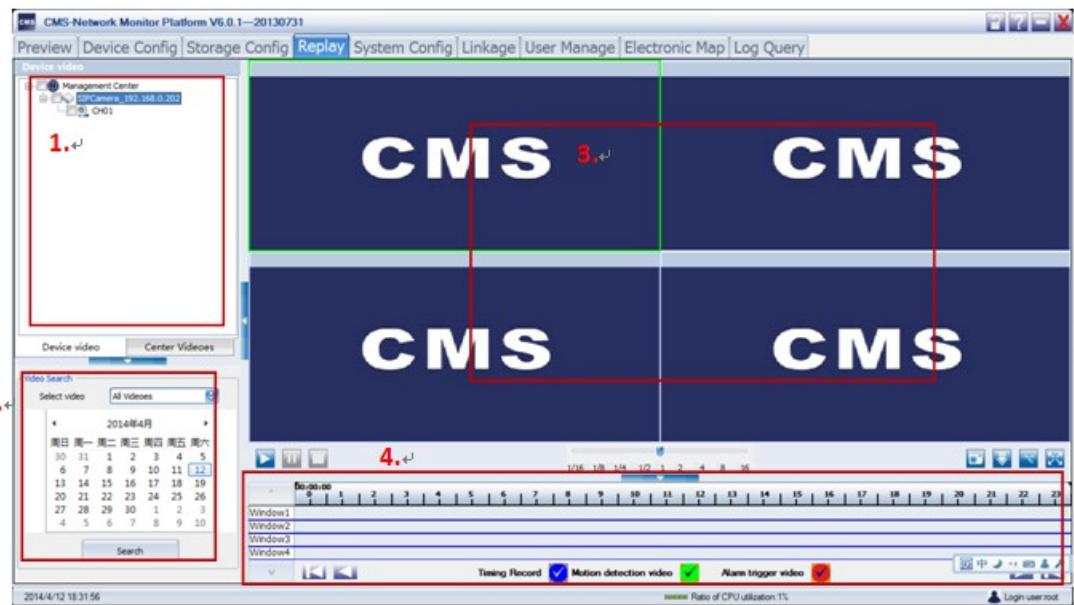
3.2.3 Storage config



1- storage bar

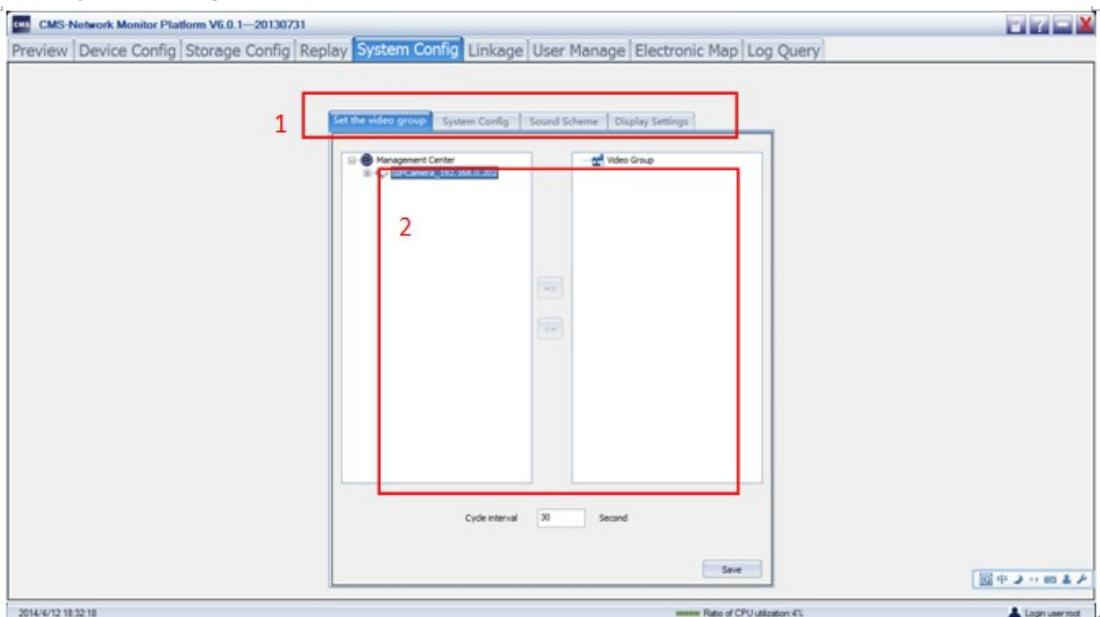
- internet: display the internet parameter of the storage server
- forward state: display the state of the forwarding server
- storage settings: set the storage
- Video program: set the video state of the device
- Video state: display the state of video

3.2.4 Replay



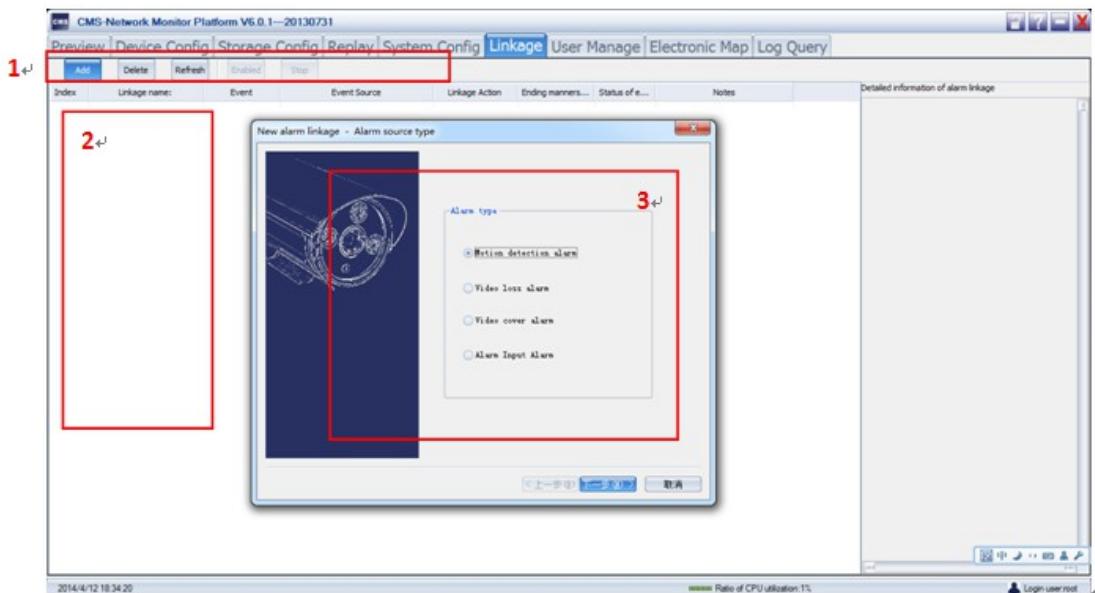
- 1- the list of device
- 2- select the replay time
- 3- the screen of replay
- 4- the available time of replay

3.2.5 System config



- 1- system config bar
 - set the video group: add device to the group
 - system config: save path/linkage preview/NVR channel display/user settings/launch configuration
 - sound scheme :alarm sound options
 - display settings: monitor properties/monitor layout
- 2- display area

3.2.6 Linkage

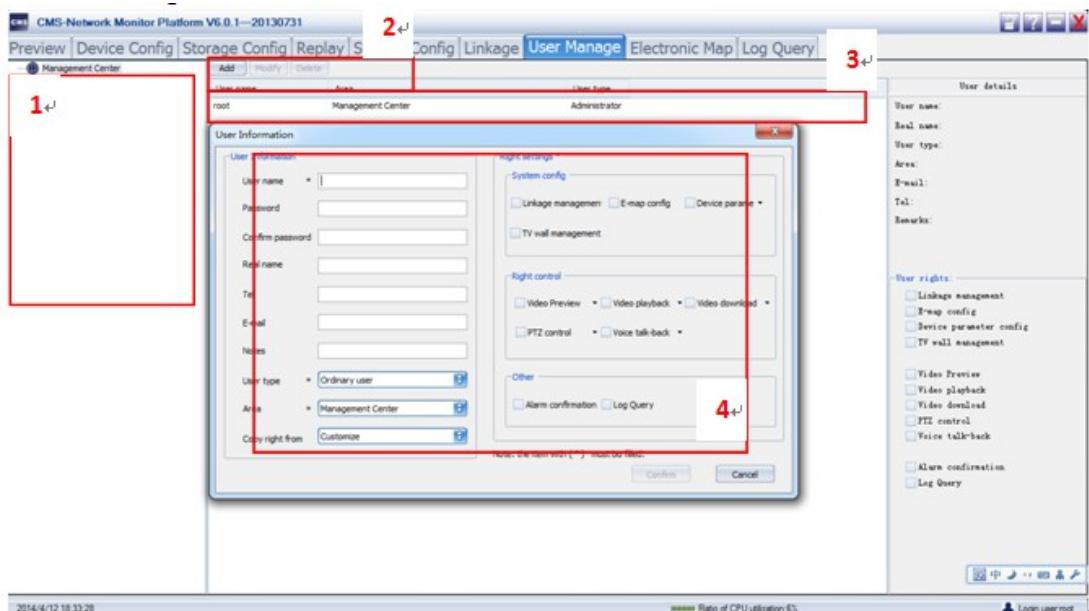


1- linkage bar

- add: add alarm type (motion detection alarm/video loss alarm/video cover alarm/alarm input alarm)
- delete: delete linkage information
- refresh: refresh the information

2- the list of information

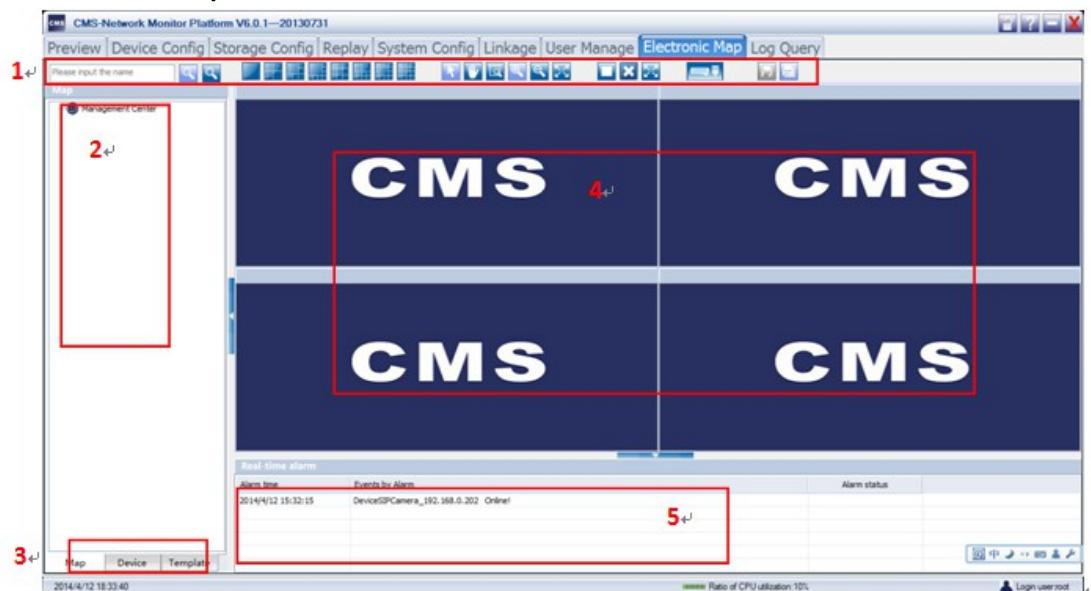
3- the display of bar

3.2.7 User manage

1- the list of device

- 2- manage bar
- 3- display user screen
- 4- display of manage bar(user information/Right settings/right control/other)

3.2.8 Electronic map



- 1- tool bar: contain switch screen/select/zoom/full screen/close screen and so on
- 2- the list of device
- 3- switch: map/device/Template
- 4- preview window
- 5- real-time alarm information

3.2.9 Log Query

Log Query									
Index	User	Client computer	Time	Operating	Operation Information				
1	root	127.0.0.1	2014-04-12 18:05:45	User Log in	User Log in	Administrator			
2	root	127.0.0.1	2014-04-12 18:05:14	User Log out	User Log out	Administrator			
3	root	127.0.0.1	2014-04-12 18:04:32	User Log in	User Log in	Administrator			
4	root	127.0.0.1	2014-04-12 18:04:18	User Log out	User Log out	Administrator			
5	root	127.0.0.1	2014-04-12 17:28:59	Delete Device	Delete Device	IOM5-55			
6	root	127.0.0.1	2014-04-12 17:03:45	User Log in	User Log in	Administrator			
7	root	127.0.0.1	2014-04-12 15:30:15	User Log out	User Log out	Administrator			
8	root	127.0.0.1	2014-04-12 14:34:27	User Log in	User Log in	Administrator			
9	root	127.0.0.1	2014-04-12 14:01:56	User Log out	User Log out	Administrator			
10	root	127.0.0.1	2014-04-12 13:48:11	Modify Device	Modify Device	'SIPCamera_192.168.0.202'			
11	root	127.0.0.1	2014-04-12 13:48:11	Add Device	Add Device	'SIPCamera_192.168.0.202'			
12	root	127.0.0.1	2014-04-12 13:47:48	Delete Device	Delete Device	'SIPCamera_192.168.0.202'			
13	root	127.0.0.1	2014-04-12 13:45:35	Add Device	Add Device	'SIPCamera_192.168.0.202'			
14	root	127.0.0.1	2014-04-12 13:45:35	Add Device	Add Device	'SIPCamera_192.168.0.202'			

1- the conditions and operation area

2- list of information

四、How to add and preview quickly

4.1 Search IP Camera

A. Click “Device config” ,and click “Add”

Detect online device...									
Device type	MAC address	IP address	Subnet mask	Gateway address	command...	Media Port	Channel ...	Automati...	Already ad...
SIPCamera	00:00:00:08:92:37	192.168.0.202	255.255.255.0	192.168.0.1	5050	6050	1	Disable	Yes
Start Port	8060	End port	8060	Detect not added device	Detect all the devices	Modify device	Bulk Add	Manual add device	Return

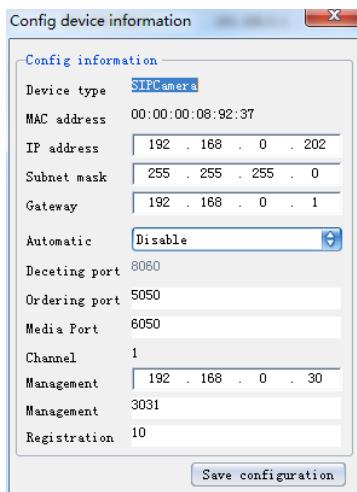
B. Click “Detect the device” ,you can find the device in the list.

Detect online device...									
Device type	MAC address	IP address	Subnet mask	Gateway address	command...	Media Port	Channel ...	Automati...	Already ad...
SIPCamera	00:00:00:08:92:37	192.168.0.202	255.255.255.0	192.168.0.1	5050	6050	1	Disable	Yes

4.2 Modify IP Camera

- A. Select the IP Camera Device type SIPCamera

- B. Click “Modify device” , appear the windows, note the IP address of device and the IP address of PC must be in the same LAN.

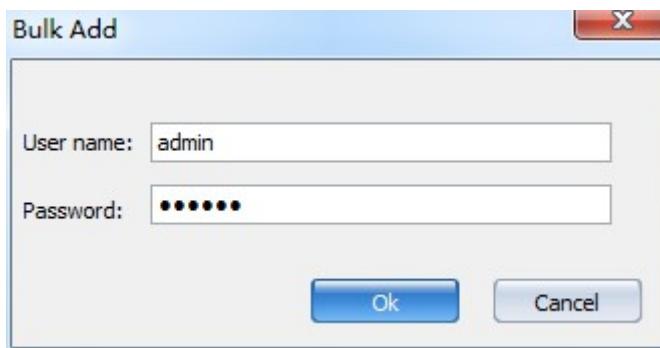


- C. Save configuration

4.3 Add Device

- A. Click Bulk Add

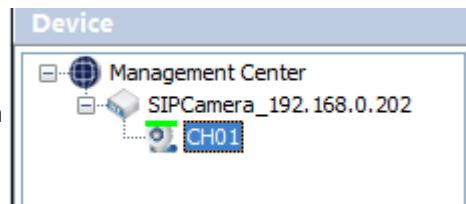
- B. Enter the user name (“admin” default) and password (“123456” default);click “OK”



4.4 Preview Device

- A. Select “Preview” Preview

B. Select the IP Camera



C. Double Click the device, you can preview the image of the device in the right

