

8200-1368-03 A0

Notice

Please read this manual thoroughly and save it for future use before attempting to connect or operate this unit.

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Overview and Environment

Overview

The software is to manage small quantity security surveillance devices. . It has the following features:

- View real-time video of several camera channels.
- View the playback video files from various cameras.
- Support e-map; you can clearly view and manage all device locations.
- Support extension applications, can send out alarm information to external programs.

Performance

- System max supports 36-channel at CIF resolution.
- Each storage server max supports to save 32-channel video

Environments

ltem	Requirements
OS	Windows XP and higher.
CPU	Intel core i3 or higher.
Display card	Intel HD Graphics and higher.
Memory	2GB or higher.
Displayer Resolution	1024×768 or higher.

Installation and Upgrade

Installation

- 1. Double click "Holis HD RC_Setup.exe" to begin installation.
- 2. go to Welcome interface. See Figure 2-1.

Welcome to us	e Holis HD RC Operator Installation
new, flexible realtime previ Shining new tool bar, va Multiple customized wind Operation with view inte	ew with abundant functions irious functions, clear interface dow layouts suitable for more surveillance environments erfaces and groups
Playback interface based or Simple and reasonable su Exported record files su Combination of various s	i user experiences earch steps, fluent operation oport clip operation while viewing, natural and fluent operation warch modes, meets various user experiences
Local storage, PC-NVR Total storage solutions, Easily to create a record	enhance product quality plan, what you see is what you get
New tour settings, new alar Quick and accurately cre New scheme setting int	m configuration, new eate tour tasks based on the monitor erface, orientation configuration, easy and clear to use the function Next Cancel



3. Click next button, you can see an interface is shown as in Figure 2-2. Here you can view End User License Agreement.

1 Brofise	Î
Please read the following Agreement carefully before installing	the Software.
This End User License Agreement ("EULA" or "Agreement") is an provider, and the provider ("Provider") of approved services. By in	agreement between you ("You" or "User"), and the Software
the User agrees to be bound by the terms of this Agreement. IF	YOU DO NOT AGREE TO THE TERMS OF THIS EULA, YOU MAY
NOT USE THE SOFTWARE. Please immediately stop installing, cop the Software that you have installed or stored.	oying, or otherwise using the Software, plus delete any parts of
2. Definitions	scarsing program or supporting file compared of modules or
functional units, with supporting files of all or part of source code,	, object code and relevant images, photos, icons, video, sound
record, video record, music, text, code; plus descriptions, functio	ns, features, contents, quality, tests, user manual, EULA and files ("Software Product" or "Software") relevant to the Software
of interest or Provider's products.	
You: In this Agreement "You" means any individual or individual organization or section that has obtained license to legally use of	l entity, corporate entity including company, enterprise, the Software.
Probationary Period: In this Agreement "probationary period" m	neans the period before completion of user registration which
allows users to evaluate the Software within its entity.	
3. Software Permit On the condition that You comply with the Agreement, Broyid	or grant Vou the normity of
Refuse O Accept	
	Back Next Cance



4. Please check the Accept item and then click Next button to continue. System pops up

module installation dialogue box. See Figure 2-3.

HOLISHD	
Please select the funct to install. Click [Next] t Holis HD RC PC-NVR	tions you want to install. Delete the modules you do not want o continue. Description Holis HD RC is management software to manage the embedded network surveillance devices. It is suitable for devices such as embedded DVR, NVR, network camera, decoder, NVR6000. It supports real-time preview, remote playback and export, TV wall, E-map, alarm message receive and activation, remote device parameter setup and etc.
Need Space(unit as MI	Back Next Cancel

Figure 2-3

5. Check Holis HD RC item and then click Next button, you can see there is an interface asking you to specify installation path. See Figure 2-4.

HOLISHD	
Click [Install] to continue. Click [Browse] to install in different folders.	
C:\Program Files (x86)\Holis HD RC	Browse
The free space of C is 54298MB	The free space of E is 159443MB
The free space of D is 184781MB	
	Back Install Cancel

Figure 2-4

6. After you select installation path click Next button, system begins installation. The interface is shown as in Figure 2-5.



Figure 2-5

7. During the installation process, you can click Cancel button to exit. After installation, you can see an interface is shown as below. See Figure 2-6.

	_
Install Success	
T Release note	
🔲 Run Holis HD RC	
	Finish

Figure 2-6

8. Click Finish button, you can complete the installation.

Un-installation

1. From Start -> All programs->Holis HD RC, select Uninstall Holis HD RC item. System pops up the following dialogue box. See Figure 2-7.





- 2. Click Next button, you can see an interface shown as in Figure 2-8.
- 3. Check the box here to remove Holis HD RC. Click Uninstall button to remove.

Please choose the components that you want to uninstall,Delete the modules you do not want to install.Click [Uninstall] to continue.	Uninstall Cancel

Figure 2-8

Configuration



Double click Holis HD RC icon Holis HD RC, you can go to the login interface.

Login Interface

Login interface is shown as in Figure 3-2.

- 1. User name: Input the user account
- 2. Password: Please input corresponding password to log in.
- 3. OK: Click this button, system can verify the account and then enter the software homepage. (First time login shows device interface.)
- 4. Cancel: Click this button to exit login interface.

Note:

If it is your first time to run the Holis HD RC program, you need to set admin password, see Figure 3-1.

Set administrator password		
Password Confirm Password		
	OK Cancel	\supset



- 5. System initial username is "admin", but initial password is set by user.
- You can memory your password, so that when you can log in the next time, you do not need to input user name and password. Please note this function is for your convenient only. Do not enable this function in public PC.

HOLISHD
User Name: admin Password: Remember Password Login Exit

Figure 3-2

Homepage

Click Login button, system begins verifying user name and password and then go to the homepage. See Figure 3-3.



Fi	iq	ur	е	3-	-3
		-	_	-	-

SN	Parameter	Function
1	Menu	Here you can view main page icons and current open function icon. Click add button to add a function icon on the top pane.
2	Basic	It includes live view, playback, alarm manager, log and video intercom.
3	Extension	It includes video wall, e-map, and display.
4	Settings	It includes devices manager, signals manager, alarm setup, tour and task, video wall management, account, general setup and etc.
5	Holis HD RC basic information	It is to display current time, username, login time.

General

If it is your first time to login the Holis HD RC, you need to set system parameter. It includes network performance, log save time, login Holis HD RC or not, picture and record saved path. Please follow the steps listed below.



button; you can go to the general interface. See Figure 3-4.

Basic

It is to set capability, language, time and etc.

HC	DLISHD	HOME PAGE GENER	AL DEVICES ADD	& ≞ ? - ⊡ ×
*	Basic			
	File	Set Holis HD RC bas System needs to res	sic parameters such as log saved time, instant start to activate language and time setup.	t playback time, network capability and etc.
	Alarm	Log Saved Time	30Day	 (Activated after restart)
	Version	Instant Playback Time Network Capability	5minutes 1000M	× •
			Resume LiveView Status	
			 Auto login device Auto login Holis HD RC 	(Activated after restart)
		Language	English	
			Sync Time 08:00:00	\$ Sync Now
		Time Format	24-Hour	 (Activated after restart)
		Short Cut	Real Display Full Screen	▼ F2
		Device User Name:	admin	
		Device User Password:	•••••	
				Default Save

Figure 3-4

ltem	Function			
Log Saved Time	Here you can set log save time. System automatically overwrites old files once it reaches the period you set here.			
Instant Playback Time	It is to set instant playback time. If you set 5 minutes, then it plays video starting 5 minutes prior to current time.			
Network capability	It is for you to set network function. It includes: "Low", "10M", "100M", "1000M".			

Item	Function
Resume PreviousSystem restores previous liveview status after it restarts.State	
Auto login device	When program start up, auto login existing device or not. If you select this parameter, then at next login, it auto logs in existing device.
Auto login Holis HD RC	Check the box here, you can login Holis HD RC directly without inputting user name and password.
Language	Software language.
Sync time	Check the box here to enable time synchronization function and then input synchronization time. Holis HD RC can auto synchronize time with the PC at the time you specified. Click Sync now button to begin synchronization now.
Time Format	System time format. It includes 12H/24H.
Short Cut	Set preview window, record playback, alarm management, e-map and etc.
Device User Name	Set device login username.
Device User Password	Set login password.

File Path

File configuration interface is shown as below. See Figure 3-5.

Here you can set snapshot picture and record the file default save path.

Configuration file path: It is to import or export configuration file. If you change path to D disk, you can export current software user information to D disk. If current software has installed at the D disk, you can import user information to current software.

HOLIS	HOME PAGE	GENERAL DEVICES	+ ADD		& ≞ ? - ⊡ ×
Se Basic	Set Holis HD	RC file path (such as snapsho	t, record, user configuration and etc.)		
	Snapshot Path	D:/Program Files (x86	i)/Holis HD RC/Holis HD RC/Capture	Browse	
E Version	Record Path	D:/Program Files (x86	i)/Holis HD RC/Holis HD RC/Record	Browse	
	Config Path	D:/Program Files (x86	i)/Holis HD RC/Holis HD RC	Browse (A	ctivated after restart)
				Default	Save

Figure 3-5

Alarm Prompt

It is to set alarm prompt audio. The interface is shown as below. See Figure 3-6.

Please select corresponding prompt audio for the specified alarm type.

Check the box at the bottom of the interface to enable e-map function. The e-map can flash when the corresponding alarm occurs.



Figure 3-6

Tips

You can click Default button to restore factory default setup.

User config file storage path is used to import and export user config file. If current user config file storage path is modified to other path, then it means all users' config info are exported. If user re-install, he can export previous all user's config info to current client.

If he re-install the software and import previously exported user config info, after being saved, original user config info will be successfully imported into current client.

Version

Click the version button; you can go to the following interface. Here you can view software version information.

Account

Here you can add, modify or delete a user.

Add role

1) Click in the Settings pane, and then click role button, you can go to the following interface. See Figure 3-7.

H	DLIS #		AGE ACCOUNT	GENERA		+ ADD	L.	L # ? - 🗆 ×
U	Jser F	Role						
	Add Name	Delete	Role		Remarks		Operation	-
1	admin		admin				1	
								Þ

Figure 3-7

2) Click Add button, the interface is shown as in Figure 3-8.

		ŀ	Add Role		×
Role Name					
Remarks					
Role Rights	 Channel Rights Liveview Playback Export Ptz Menu Rights Liveview Playback Alarm Log Video Wall E-Map Liveview 		Channel Rights		
				Save Cancel	\supset

Figure 3-8

3) Input a role name and check the corresponding role rights. You can input some reference information if necessary.

4) Click Save button.

Tips

Select a role and then click Modify/Delete button to modify or delete a role.

Add user

1) Click in the Settings pane, and then click user button, you can go to the following interface. See Figure 3-9.

HO			AL DEVICES ADD	& ≞ ? - ⊡ ×
User	Role			
Add	Delete		11	
	Name	Role	Remarks	Operation
1	admin	admin		1



2) Click Add button, you can see system pops up the following interface. See Figure 3-10.



Figure 3-10

- 3) Select a role from the dropdown list, input user name, password and confirm password. Input some description information if necessary. Select rights for the new user.
- 4) Click Save button to add a new user.

Please refer to the following sheet for detailed information.

Item	Function
User name	Please input user name here.
Role	You can select user role from the dropdown list. Or you can click Add role button to add a new role.
Password	Please set user password.
Confirm password	Please input new password again.
User Rights	Here you can check the box to select corresponding rights for current user. If the new user is a manager, system checks all rights by default.

5) Click Save button to add a new user.

Tips

Select a user name and then click Modify/Delete button to modify or delete a user.

Device Manager

Here you can add, modify and delete a device. You can also implement device channel group function.

Auto Add



1) Click icon. System displays device manager interface.

- 2) Click Refresh, search device within the LAN. You also can enter device segment, and click search to search devices within the same segment.
- 3) Check device, click Add as auto add device. You also can double click the device you want to add. The added device will be shown in list below, where you can view device type, channel and status. You can modify, logout and delete the device.

Note:

You can refresh remote channel bound by device.

Manually Add

You can refer to the steps listed below to add, modify or delete a device manually or automatically.

1) Click icon in the settings pane, system goes to the device manager interface; you can see an interface is shown as in Figure 3-11.

HOLIS	ID	HOME PAGE	DEVICES	+ ADD				± ≞ ? - ⊡ :	×
Online Devices:0				De	wice Network Se	ction: 10 100 2	0 — 10 1	00 2 .255 Search	
All IP		🔺 Туре		Мас		Port			
Refresh	Add	Clear							
All Devices:1	Online:1								
All Name		Туре	IP/Domain Name	Port	Channel No.	Status	SN	Operation	
🗖 1 📄 10.100	.2.130	PC-NVR	10.100.2.130	37777	32/0/16/6	Online		/ C 🖻 X	
					<u></u>				
(Manual Add)	Delete	Import	Export	Status)				

Figure 3-11

2) Click Manual Add button, the interface is shown as in Figure 3-12. Please input the corresponding information and then click Add button.

	Manual Add	×
Input Info		
Device Name:		
Register Mode:	IP/Domain	
IP/Domain Name:		
Port:	37777	
Group Name:	Default Group	
User Name:		
Password:		
	Get Info	
Device Details		
Device SN:		
Туре:		
Video Input:		
Video Output:		
Alarm Input:		
Alarm Output:		
	Save and Continue Add Cancel	

Figure 3-12

ltem	Function
Device name	Please input a device name here.
Register Mode	By IP/domain and SN.
IP/Domain name	Device IP address or domain name. Note: You can add device of IPV6 address.
SN	Device SN. Note: For P2P device only.
Port	Device IP port. It is 37777 by default.
Group Name	You can choose one group.
User name	The user name you login the device.

ltem	Function
Password	The password you login the device.

 Config device input info, and click on Get Info. System auto gets device info as in Figure 3-13.



Figure 3-13

Device SN	Device SN. Read-only.
Туре	Device type.
Video input	Device video input channel amount. Click , set device no., click no. column, and may enter no.
Video output	Device video output channel amount.
Alarm input	Device alarm input channel amount.
Alarm output	Device alarm output channel amount.
Туре	Device type.

4) Click Add. You can click Save and Continue to add next device. Added devices are shown as in Figure 3-14.

HOLIS	HOME PAGE	DEVICES	+ ADD				.≜ ?	- 🗆 ×
Online Devices:0			Devi	ice Network Sec	tion: 10 100 2	0 — 10 100	2 255	Search
🗆 All IP	🔺 Туре		Mac		Port			
Refresh Add	Clear							
Treirean Puu	Cicai							
All Devices:2 Online:1								
All Name	Туре	IP/Domain Name	Port	Channel No.	Status	SN	Operation	
1 📄 10.100.2.130	PC-NVR	10.100.2.130	37777	32/0/16/6	Online		/ 0 🖻	×
2 📮 1111	DVR	10.100.2.112	37777	0/0/0/0	Offline(Can not fi		/ C 🖸	×
Manual Add Delete	Import	Export	Status					

Figure 3-14

Click Status, to view operation status, disk status, external alarm, motion detect and etc. of each device.

Tips

Select a device in the list, and then:

- a) Click it to modify, or click it to delete it.
- b) Click C to refresh device.
- c) Click **G** to login the device manually.
- d) Click 🖪 to logout the device manually.
- e) Click for modify device password. Please be aware, only when a user login with default password of "admin" account, system will inform a user to modify device password.
- f) Click Export button and then select save path to save current device list to .xml file.
- g) Click Import to batch import local config in .xml format.

Device CFG

After you added a new device, you can go to the signals manager interface to set parameters.

On the homepage, click button in the Settings pane, you can go to the following interface. See Figure 3-15.

HOLIS	HOME PAGE	CFG ADD				± ≞ ? - ⊡ ×
Input search criteria	Common Set	ing				
 ■ 10.100.2.130 ■ 1111 					\bigcirc	
	NetWork	Remote Device	Encode Setting	Image Setting	PTZ Control	
	Event Manage	er				
	Q	▲				
	Video Detect	Alarm Setting	Exception Handling			
	Record					
	$\overline{\bigotimes}$					
	Record Setting	Disk Manager				
	System Maint	enance				
		¢ [¢]	æ			
	User Manager	System Maintenand	ce Link To Web			

Figure 3-15

General

Network

Here is for you to set network information such as TCP/IP, connection, PPPoE, DDNS, IP filter, SMTP, Multicast, and alarm center.

TCP/IP

Here you can set corresponding parameter when you are using TCP/IP connection. See Figure 3-16.

		Network - 10.15.6.33 ×
тср/ір		
Connect	Mode	Static DHCP
PPPoE	MAC Address	90:02:A9:24:65:59
DDNS	IP Version IP Address	IPV4
IP Filter	Subnet Mask	255.255.0.0
SMTP	Default Gateway Preferred DNS	8.8.8.8
Multicast	Alternate DNS	8.8.4.4
Alarm Centre		
		Apply Save Cancel

Figure 3-16

Connect

Here you can set max login account amount, TCP port, UDP port, HTTP port, RTSP port and etc. See Figure 3-17.

TCP/IP Max Connect 128 (1-20) Connect TCP Port 37777 (1025-65535)			Network - 10.15	5.6.33	×
TCP/IP Max Connect 128 (1-20) Connect TCP Port 37777 (1025-65535)					
Connect TCP Port 37777 (1025-65535)	TCP/IP	Max Connect	128	(1-20)	
	Connect	TCP Port	37777	(1025-65535)	
UDP Port 37778 (1025-65535)		UDP Port	37778	(1025-65535)	
HTTP Port 80 (1-65535)	PPPUE	HTTP Port	80	(1-65535)	
DDNS	DDNS				
IP Filter	IP Filter				
SMTP	SMTP				
Multicast	Multicast				
Alarm Centre	Alarm Centre				
Apply Save Cancel				Apply	Save Cancel

Figure 3-17

PPPoE

PPPoE interface is shown as below. See Figure 3-18.

Input "PPPoE name" and "PPPoE password" you get from your ISP (Internet service provider). Click OK button, you need to restart to activate your configuration.

After rebooting, device will connect to internet automatically. The IP in the PPPoE is the device dynamic value. You can access this IP to visit the device.

			Network - 10.15.6.33		×
	TCP/IP	🔵 Enable			
	Connect	User			
	PPPoE	Password			
	DDNS	IP Address	0.0.0		
	IP Filter	DDNS	0.0.0.0		
	SMTP				
	Multicast				
	Alarm Centre				
				spply Save Cancel	
_					

Figure 3-18

DDNS

DDNS setup interface is shown as in Figure 3-19.

You need a PC of fixed IP in the internet and there is the DDNS software running in this PC. In other words, this PC is a DNS (domain name server).

In network DDNS, please select DDNS type and highlight enable item. Then please input your PPPoE name you get from you IPS and server IP (PC with DDNS). Click OK button and then reboot system.

Click Ok button, system prompts for rebooting to get all setup activated.

After rebooting, open IE and input as below:

http: //(DDNS server IP)/(virtual directory name)/webtest.htm

		Network - 10.15.6.33			×
TCP/IP	Server Type	Private DDNS	🗌 🔵 Enable		
Connect	Server IP				
PPPoE	Port	7070	(1~65535)		
	Domain Name		l i		
DDNS	User Name				
IP Filter	Password	_			
SMTP	Update Interval	5	Minutes (5*1092)		
Multicast					
Alarm Centre					
			Apply	Save	Cancel

Figure 3-19

Please refer to the following sheet for detailed information.

Parameter	Function
Server Type	You can select DDNS protocol from the dropdown list and then enable DDNS function.
Server IP	DDNS server IP address.
Port	DDNS server port.
Domain Name	Your self-defined domain name.
User Name	The user name you input to log in the server.
Password	The password you input to log in the server.
Update interval	Device sends out alive signal to the server regularly.
	You can set interval value between the device and DDNS server here.

IP Filter

IP filter interface is shown as in Figure 3-20. You can add IP in the following list.

After you enabled whitelist function, only the IP listed below can access current device.

If you enable blacklist function, the following listed IP addresses can not access current device.

			Network	- 10.15.6.33			×
TCP/IP	C	Enable					
Connect		Whitelist	🔵 Blacklist				
PPPoE		Add					
DDNS		Whitelist	Blacklist				
		Index	IP Address		Operation		
IP Filter							
SMTP							
Multicast							
Alarm Centre							
					Apply	Save	Cancel

Figure 3-20

SMTP (Email)

The SMTP interface is shown as in Figure 3-21. Here you can set email receiver, encryption mode, send out interval and etc.

		Network - 10.15.6.33		×
TCP/IP	🕑 Enable			
Connect	SMTP Server	219.142.78.230		
PPPoE	Port	25	(1-65535)	
	 Anonymity 			
DDNS	User Name	lxjdahd		
IP Filter	Password			
	Sender	lxjdahd@sina.com		
SMTP	Encrypt Mode	NONE	🕑 Attachment	
Multicast	Subject	HCVR ALERT		
Alarm Centre	Receiver	1033889159@qq.com	•	
		1033889159@qq.com		
	Interval Time	120	Seconds(0-3600)	
	Health Email			
	Interval	60	Minutes(30-1440) Test	
			Apply Save Cancel	

Figure 3-21

Please refer to the following sheet for detailed information.

Parameter	Function
Enable	Please check the box here to enable email function.
SMTP Server	Input server address and then enable this function.
Port	Default value is 25. You can modify it if necessary.
Anonymity	For the server supports the anonymity function. You can auto login anonymously. You do not need to input the user name, password and the sender information.
User Name	The user name of the sender email account.
Password	The password of sender email account.
Sender	Sender email address.
Encrypt mode	System supports SSL/NONE/TLS.
Subject	Input email subject here.
Attachment	System can send out the email of the snapshot picture once you check the box here.
Receiver	Input receiver email address here. Max three addresses.
Interval	The send interval ranges from 0 to 3600 seconds. 0 means there is no interval. Please note system will not send out the email immediately when the alarm occurs. When the alarm, motion detection or the abnormity event activates the email, system sends out the email according to the interval you specified here. This function is very useful when there are too many emails activated by the abnormity events, which may result in heavy load for the email server.
Health mail	Please check the box here to enable this function.
Health mail interval	This function allows the system to send out the test email to check the connection is OK or not. Please check the box to enable this function and then set the corresponding interval. System can send out the email regularly as you set here.
Test	The system will automatically sent out an email once to test the connection is OK or not .Before the email test, please save the email setup information.

Multicast

The multicast interface is shown as in Figure 3-22.

Multicast is a transmission mode of data packet. When there is multiple-host to receive the same data packet, multiple-cast is the best option to reduce the broad width and the CPU load. The source host can just send out one data to transit. This function also depends on the relationship of the group member and group of the outer.

		Network - 10.15.6.33			×
TCP/IP	Main				
Connect	Enable				
	Multicast Address	239.255.42.42	(224.0.0.0~239.255.255.255)		
PPPoE	Port	36666	(1025~65000)		
DDNS					
IP Filter					
SMTP					
Multicast					
Alarm Centre					
			Apply	Save	Cancel

Figure 3-22

Alarm Server

The alarm center interface is shown as below. See Figure 3-23.

This interface is reserved for you to develop. System can upload alarm signal to the alarm center when local alarm occurs.

Before you use alarm center, please set server IP, port and etc. When an alarm occurs, system can send out data as the protocol defined, so the client-end can get the data.

		Network - 10.15.6.33		×
TCP/IP	🔵 Enable			
Connect	Protocol Type	Alarm Centre		
PPPoE	Host IP	10.1.0.2		
DDNS	Port Schedule Login	1 Every Day	At 08:00	
IP Filter				
SMTP				
Multicast				
Alarm Centre				
			Apply	Save Cancel

Figure 3-23

Remote

Here you can add remote device manually or automatically. See Figure 3-24.

			Remote Device - 10.15.100	0.244			×
	IP	Port	Device Name	Protocol Type	Device Type		-F
1	10.15.100.25	37777	10.15.100.25	Private	IP Camera		
2	10.15.7.123	40000	10.15.7.123	Private	DVR2116		
3	10.15.7.109	37777	10.15.7.109	Private	EV\$5000		
4	10.15.22.100	37777	10.15.22.100	Private	NVR6000		
5	10.15.5.3	37777	10.15.5.3	Private	PC-NVR		
6	0.0.0.0	37777	0.0.0.0	Private	PC-NVR		
7	10.15.6.142	37777	10.15.6.142	Private	PC-NVR		
8	10.15.6.188	37777	10.15.6.188	Private	PC-NVR		
Device Channe	I IP	Port	Device Name	Remote Channel	Protocol Type	Device Type	
Device Channe	I IP	Port	Device Name	Remote Channel	Protocol Type	Device Type	
1	10.15.100.25	37777	10.15.100.25	1	Private	IP Camera	
3	10.1.1.69	37777	90_02_a904_30	1	Private	IP Camera	
Delete	Manual Add					Refresh O	ж

Figure 3-24

Click Search device button, system can list all the devices on the same IP section. Select a device and then click Add button; you can add a remote device.

Click Manual add button, System pops up the following dialogue box. See Figure 3-25. Please input the corresponding information and then click OK button to add a remote device.



Figure 3-25

Encode

Audio/Video

The interface is shown as below. See Figure 3-26. Here you can set audio/video bit stream.

		Encode - 10.15.6.33(CAM)	24)	×
Audio/Video	Main Stream		Extra Stream	
Snapshot	Stream Type	General	🚫 Video Setup	V
	Encode Type	V	Encode Type	V
Overlay	Resolution	V	Resolution	V
	FPS	V	FPS	V
	StreamCtrl	V	StreamCtrl	V
	Bit Stream	V	Bit Stream	V
	Iframes	(1-150)	Iframes	(1-150)
	🔵 Audio Setup	🔵 Audio1 🔷 Audio2	🔵 Audio Setup	🔿 Audio1 🔷 Audio2
	Encode Mode	V	Encode Mode	V
	🔵 Watermark			
	Characters			
Copy None 💙]		Apply	Save Cancel

Figure 3-26

Parameter	Function
Video setup	Check the box here to enable extra stream video. This item is enabled by default.
Stream type	It includes main stream, motion stream and alarm stream. You can select different encode frame rates form different recorded events.
Encode mode	It is to set audio/video encode mode. Default setup is H.264.
Resolution	System supports various resolutions, you can select from the dropdown list.
FPS	PAL: 1~25f/s; NTSC: 1~30f/s.
Bit stream	In VBR mode, it is the max value of the bit stream. In the CBR mode, it is a fixed value.
Ref Stream	According to selected encode mode, resolution, display bit stream. (range)
lframes	Interval between key frames.

Audio encode mode	Check the box here to enable audio function and select encode type from the dropdown list.
Watermark /watermark character	This function allows you to verify the video is tampered or not. Here you can select watermark bit stream, watermark mode and watermark character.
Сору	Click it to copy current setup to other channel(s).

Snapshot

The snapshot interface is shown as below. See Figure 3-27.

		Encode - 10.15.6.33(CAM 24)	×
Audio/Video	Snap Mode	Regular	
Snapshot	Size Quality	Worst	
Overlay	Snap Interval	(S/Sheet)	
Copy None		Apply	Save Cancel

Figure 3-27

Parameter	Function
Snapshot type	 There are three modes. Regular: It enables snapshot function as you set on the snapshot plan. Trigger: It enables snapshot function when motion detect occurs. ALM: It enables snapshot function when an alarm occurs.
Image size	It is the same with the resolution of the main stream.
Quality	It is to set the image quality.
Interval	It is to set snapshot frequency.
Сору	Click it; you can copy current channel setup to other channel(s).

Overlay

Audio/Video	Channel Name	_		
Snapshot		2014-12-11 08:42:15	Region Overlay 🗙 🔹	+
Overlay			O Network Monitor	
			🔵 Channel Display	
			Time Display	
			Y/M/D	
			12-H 🔻	
	CAM 24			
Copy None	*	A	oply Save Ca	ance

Here is for you to overlay information on the video. See Figure 3-28.

Figure 3-28

Parameter	Function
Channel Name	Set channel name.
Region overlay	There are two types: Local liveview/network monitor.
	Local liveview: It is to shield the corresponding video under local liveview mode.
	Network monitor: It is to shield the corresponding video under network monitor mode.
Channel display	You can enable this function so that system overlays channel information in video window.
	Please input channel name here.
	You can use the mouse to drag the channel title position.
Time display	You can enable this function so that system overlays time information in video window.
	You can use the mouse to drag the time title position.
	You can view time title on the live video of the WEB or the playback video.

Date format	Select date format from the dropdown list if you want to overlay date information.
Time format	Select date format from the dropdown list if you want to overlay time information.
Сору	Click it; you can copy current channel setup to other channel(s).

Image

Here you can set camera property. See Figure 3-29.



Figure 3-29

Please refer to the following sheet for detailed information.

Parameter	Function
Color mode	It is to set color mode.
Hue	It is to set color hue.
Brightness	It is to adjust color whole brightness. The large the value is, the bright the video is and vice versa.
	When you set, the dark pane and the bright pane of the video can be increased or decreased accordingly at the same time.
Contrast	It is to set video contrast. The large the value is, the big the contrast is, vice, versa.
Saturation	It is to set color saturation. The larger the value is, the strong the color is and vice versa.
Viewing Angle	Viewing angle of video. You can select four types of viewing angle. And click Apply to preview on the left.

PTZ Control

It is for you to set PTZ parameters. See Figure 3-30.

	PTZ Control - 10.15.6.33(2)	x
PTZType		V
Protocol		V
Address	0	÷
Baud Rate	1200	V
Data Bit	5	V
Stop Bit	1 bit	V
Parity	None	v
Copy None	Apply	Save Cancel

Figure 3-30

Please refer to the following sheet for detailed information.

Parameter	Function
Protocol	Select the corresponding dome protocol such as PELCOD.
Address	Set corresponding dome address. Default value is 1. Please note your setup here shall comply with your dome address; otherwise you cannot control the speed dome.
Baud Rate	Select the dome baud rate. Please set according to the speed dome dial switch setup.
Data Bit	Please set according to the speed dome dial switch setup.
Stop bit	Please set according to the speed dome dial switch setup.
Parity	Please set according to the speed dome dial switch setup.

Event

Video Detect

The video detect includes three types:

- Motion detect: Through analyze video, system can enable motion detect alarm when it detects any moving signal that reaches the sensitivity threshold you set here.
- Video lost: This function allows you to be informed when video loss phenomenon occurred. You can enable alarm output channel and then enable show message function.
- Video Blind: When someone viciously masks the lens, or the output video is in one-color due to the environments light change, the system can alert you to guarantee video continuity.

Note:

Enable defocus detection: detect defocus image.
Video Lost OnOff Video Blind Defend Times Motion Detect 1 Remove Twitter 0 Remove Twitter 0 Rec Channels Rec Channels Rec Delay Time 10 Output Delay Time 10 LinkPtz Set RotateCruise Capture Pic Upload To Cloud Upload To Cloud		Video Detect	×
Video Blind Defend Times Set Motion Detect Sensitive 1 Remove Twitter 0 second(0-600) Area Set Rec Channels Rec Delay Time 10 Rec Delay Time 10 \$(10~300) Upload To Cloud Alarm Out Output Delay Time 10 \$(1~300) LinkPtz Set RotateCruise Capture Pic Capture Pic Upload To Cloud	Video Lost	OnOff	
Motion Detect Sensitive Remove Twitter 0 Area Rec Channels Rec Delay Time 10 \$(10~300) Alarm Out Output Delay Time 10 \$(1-300) RotateCruise Capture Pic Upload To Cloud	Video Blind	Defend Times Set	
Remove Twitter 0 Area Set Rec Channels Rec Delay Time 10 S(10~300) Upload To Cloud Alarm Out Output Delay Time 10 Set RotateCruise Capture Pic Upload To Cloud	Motion Detect	Sensitive 1	
Area Set Rec Channels Rec Delay Time 10 \$S(10~300) Upload To Cloud Alarm Out Output Delay Time 10 \$S(1~300) LinkPtz Set RotateCruise Capture Pic Upload To Cloud		Remove Twitter 0 second(0-600)	
Rec Channels Rec Delay Time 10 S(10~300) Upload To Cloud Alarm Out Output Delay Time 10 S(1~300) LinkPtz Set RotateCruise Capture Pic Upload To Cloud		Area Set	
Rec Delay Time 10 Alarm Out Output Delay Time 10 \$S(1~300) InikPtz RotateCruise Capture Pic Upload To Cloud		Rec Channels	
 Alarm Out Output Delay Time 10 \$S(1~300) LinkPtz Set RotateCruise Capture Pic Upload To Cloud 		Rec Delay Time 10 \$ S(10~300) Upload To Cloud	
Output Delay Time 10 \$S(1~300) LinkPtz Set Capture Pic Upload To Cloud		Alarm Out	
LinkPtz Set RotateCruise Capture Pic Upload To Cloud		Output Delay Time 10 \$ S(1~300)	
Capture Pic Upload To Cloud		LinkPtz Set	
Capture Pic Upload To Cloud		RotateCruise	
Upload To Cloud		Capture Pic	
		Upload To Cloud	
Screen Tips Send Email Upload Alarm Bee Moo Note		Screen Tips Send Email Upload Alarm Bee Moo Note	
Copy current configuration to None Cancel	Copy current configuration	to None V Apply Save Car	ncel

Here we use motion detect interface as an example. See Figure 3-31.

Figure 3-31



Figure 3-32



Figure 3-33



Figure 3-34





Figure 3-36

Please refer to the following sheet for detailed information.

Parameter	Function
Enable	You need to check the box to enable motion detection function.

Parameter	Function
Arm/disarm Period	Motion detection function becomes activated in the specified periods. See Figure 3-32.
	There are six periods in one day. You can click to set (Figure 3-33) or use mouse to draw the corresponding period on the time bar directly (Figure 3-34).
	Click OK button, system goes back to motion detection interface, please click OK button to exit.
Anti-dither	System only memorizes one event during the anti-dither period. The value ranges from 5s to 100s.
Zone	You can click this button to set motion detection zone. The interface is shown as in Figure 3-35. Do remember clicking OK button to save your motion detection zone setup.
Record channel	If you select this parameter, then you perform motion detection alarm recording to this channel.
	Please note you need to select auto record in Record-> record control
Record Delay	System can delay the record for specified time after alarm ended.
Upload To Cloud	Check if to upload to Cloud.
Alarm output	Enable alarm activation function. You need to select alarm output port so that system can activate corresponding alarm device when an alarm occurs.
Delay time	System can delay the alarm output for specified time after an alarm ended.
Show msg	System can pop up a message to alarm you in the local host screen if you enabled this function.
Buzzer	Check the box here to enable this function. The buzzer beeps when an alarm occurs.
Alarm upload	System can upload the alarm signal to the center (Including alarm center.
Send Email	If you enabled this function, System can send out an email to alert you when an alarm occurs.
SMS	If you enabled this function, System can send out a message to specified phone to alert you when an alarm occurs.
Tour	You need to check the box here to enable this function. System begins 1-wiindow or multiple-window tour display among the channel(s) you set to record when an alarm occurs.
PTZ Activation	Here you can set PTZ movement when alarm occurs. See Figure 3-36.

Alarm

Before operation, please make sure you have properly connected alarm devices such as buzzer. The input mode includes local alarm and network alarm.

The loca	l alarm	interface	is	shown	as	in	Figure	3-37.
				••				

	Alarm Setting - 10.15.100.244	×
🔲 Alarm Input Enable	1 Alarm Alias	
Arm/Disarm Period	Set	
Anti-dither	0 Second(0~600)	
Device Type	NC	
Record Channel	1 2 3 4 5 6 7 8 9 10 11 12	
Record Delay	10 Second(10~300)	
🔲 Upload To Clour	3	
📄 Alarm Output	1 2 3	
Output Delay	10 Second(1~300)	
PTZ Link	Set	
🗖 Tour	1 2 3 4 5 6 7 8 9 10 11 12 ▶	
🔲 Snapshot	1 2 3 4 5 6 7 8 9 10 11 12 ▶	
🔲 Upload To Cloue	3	
Show Msg	Send Email Alarm Upload Buzzer	
Copy current configuration to	None Save Save	Cancel

Figure 3-37



Figure 3-38



Figure 3-39



Figure 3-40



Figure 3-41

Please refer to the following sheet for detailed information.

Parameter	Function
Enable	You need to check the box to enable this function.
	Please select a channel from the dropdown list.
Arm/disarm Period	This function becomes activated in the specified periods.
	There are six periods in one day. See Figure 3-38.
	There are six periods in one day. You can click to set (Figure 3-39) or use mouse to draw the corresponding period on the time bar directly (Figure 3-40).
	Click OK button, system goes back to alarm interface, please click OK button to exit.
Anti-dither	System only memorizes one event during the anti-dither period.
Device (Sensor) type	There are two options: NO/NC.
Record Delay	System can delay the record for specified time after alarm ended.
Output delay	System can delay the alarm output for specified time after an alarm ended.
Record channel	If you select this parameter, then you perform local alarm recording to this channel.
	Please note you need to select auto record in Record-> record control
Record Delay	Means when alarm link ends, record delay for a certain period of time before stop.
Alarm output	Enable alarm activation function. You need to select alarm output port so that system can activate corresponding alarm device when an alarm occurs.

Parameter	Function
Show msg	System can pop up a message to alarm you in the local host screen if you enabled this function.
Buzzer	Check the box here to enable this function. The buzzer beeps when an alarm occurs.
Alarm upload	System can upload the alarm signal to the center (Including alarm center.
Send Email	If you enabled this function, System can send out an email to alert you when an alarm occurs.
SMS	If you enabled this function, System can send out a message to specified phone to alert you when an alarm occurs.
Tour	You need to check the box here to enable this function.
Snapshot	If you select this parameter, then the channel is config with alarm snapshot function.

Exception Handling

It includes six statuses: nostoragedev, insufficientSpace, StorageDeviceError, NetDisconnet, IP conflict, MACConflict and IllegalAccess. See Figure 3-42 through Figure 3-47.

	Exception Handling	×
nostoragedev	nable	
InsufficientSpace	alarm output	
StorageDeviceError	output delay second(1-300)	
NetDisconnect	screen tips send email alarm upload beep note	
IPConflict		
MACConflict		
IllegalAccess		
	Apply Save Cano	cel

Figure 3-42

	Exception Handling	×
nostoragedev	enable	
InsufficientSpace	available space %(0-99)	
StorageDeviceError	alarm output	
NetDisconnect	output delay second(1-300)	
IPConflict	🔲 screen tips 🔛 send email 🔛 alarm upload 🔛 beep 🔛 note	
MACConflict		
IllegalAccess		
	Apply Save Cano	cel

Figure 3-43

	Exception Handling	×
nostoragedev	enable	
InsufficientSpace	alarm output	
StorageDeviceError	output delay second(1-300)	
NetDisconnect	screen tips send email alarm upload beep note	
IPConflict		
MACConflict		
IllegalAccess		
	Apply Save Ca	ancel

Figure 3-44

	Exception Handling	×
nostoragedev	enable	
InsufficientSpace	record	
StorageDeviceError	record delay second(10-300)	
NetDisconnect	alarm output	
IPConflict	output delay second(1-300)	
MACConflict	🔲 screen tips 🦳 send email 📄 beep 🦳 note	
IllegalAccess		
	Apply Save Cance	

Figure 3-45

	Exception Handling	×
nostoragedev	nable	
InsufficientSpace	record	
StorageDeviceError	record delay second(10-300)	
NetDisconnect	alarm output	
IPConflict	output delay second(1-300)	
MACConflict	screen tips send email beep note	
IllegalAccess		
	Apply Save C	ancel

Figure 3-46

	Exception Handling	×
nostoragedev	enable	
InsufficientSpace	alarm output	
StorageDeviceError	output delay second(1-300)	
NetDisconnect	screen tips send email beep note	
IPConflict		
MACConflict		
IllegalAccess		
	Apply Save Ca	ancel

Figure 3-47

	Exception Handling	×
nostoragedev	enable	
InsufficientSpace	login error times(3~10)	
StorageDeviceError	alarm output	
NetDisconnect	output delay second(1~300)	
IPConflict	📄 screen tips 📄 send email 📄 alarm upload 📄 beep 📄 note	
MACConflict		
IllegalAccess		
	Apply Save Cancel	

Figure 3-48

Please refer to the following sheet for detailed information.

Parameter	Function
Enable	Check the box here to enable selected function.
Alarm Output	Please select corresponding alarm output channel when an alarm occurs. You need to check the box to enable this function.
Output delay	The alarm output can delay for the specified time after an alarm stops.
Show message	System can pop up a message to alarm you in the local host screen if you enabled this function.
Alarm upload	System can upload the alarm signal to the centre (Including alarm centre.
Send Email	If you enabled this function, System can send out an email to alert you when an alarm occurs.
Buzzer	Check the box here to enable this function. The buzzer beeps when an alarm occurs.
SMS	If you enabled this function, System can send out a message to specified phone to alert you when an alarm occurs.

Record/Storage

Schedule

Record setup has record plan and record control.

- Record plan (schedule): Record during set period.
- Record control: Select mode of record.

You can set the corresponding period to enable schedule record function. You can follow the steps listed below to set schedule record function.

1) Click Schedule button, you can go to the following interface. See Figure 3-49.



Figure 3-49

 Click button after corresponding date, you can see an interface shown as below. See Figure 3-50.

Devied1									
Deried1									
Daried1					Regular	Motion	Alarm	MD&Alarm	Smart
Periodi	00:00:00	÷—	23:59:59	÷					
Period2	00:00:00	÷	23:59:59	÷					
Period3	00:00:00	÷ —	23:59:59	Å				0	
Period4	00:00:00	÷	23:59:59	÷				0	
Period5	00:00:00	÷ —	23:59:59	Å				0	
Period6	00:00:00	÷ —	23:59:59	Å.				0	
O All									
SUN	O MON	O TUE	O WED		тни	🔘 FRI	🔘 SAT		*Y
						(Save	Cancel	

Figure 3-50

3) Set record period and check the box to select record type. Click OK button, now you can see an interface shown as in Figure 3-51.





You can view the current time period setup from the color bar.

- Green color stands for the general record.
- Yellow color stands for the motion detect record.
- Red color stands for the alarm record.
- Blue color stands for MD and alarm record.

Tips

Choose the channel you want, then click save button to copy current setup

Record Control

It is for you to set record control mode. See Figure 3-52.

		Record Setting - 10.	15.7.123(CAM 11)			×
Schedule	Pre-Record	4	<mark>▲</mark> S(0~30)			
Record Control	Main Stream	💿 Schedule 🔿 N	1anual 🔘 Stop			
	Sub Stream	🔿 Schedule 🔿 N	1anual 💿 Stop			
Copy None				Apply	Save	Cancel

Figure 3-52

Please refer to the following sheet for detailed information.

Parameter	Function
Pre-record	Please input pre-record time here.
Main stream	It is to set main stream record mode. It includes: Schedule/manual/stop.
Sub stream	It is to set sub stream record mode. It includes: Schedule/manual/stop.

Disk

Local Store

The local interface is shown as in Figure 3-53. Here you can save data to local SD card or HDD and meanwhile view health status of HDD.

Disk Manager - 172.7.56.101					×		
Local Store	Device Name	HDD Operation	Disk Type	State	Free/Total Space	SMART	
	Disk 1	Set as read-write	Read-Write	Normal	0G/931.4G	/	
Remote Store							
						Cancel	5
							1

Figure 3-53

Remote store

It is for you to upload data to a PC via FTP. See Figure 3-54.

Disk Manager - 10.15.22.100	×
Local Store Enable	
Remote Store + Host IP 10.15.12.16	
* Port 21	
User Name Martin	
Password Anonymity	
Remote Directory /share/ii/oo/pp	
File Length 0 M	
Upload Interval 0 Second	
Channel 1	
Week Sun.	
Period 1 00:00:00 😓 - 00:00:00 😓 🦳 Alarm 📄 MD 👘 Others	
Period 2 00:00:00 😓 - 00:00:00 😓 🦳 Alarm 📄 MD 🦳 Others	
Apply Save Cancel	

Figure 3-54

Maintenance

Account

Here you can add/modify/delete a group or add/modify/delete a user. System default user group is admin/user. System default user is admin

Click Account button in Signals interface and then click Role button. See Figure 3-55.

Account - 10.15.22.100						×
User	Add	Delete				
Role	🗖 All	Group Name	Memo	Opera	ition	
	1	admin	administrator group	/	x	
	2	user	user group	/	x	
					Cancel	

Figure 3-55

Click Add button, you can see system pops up the following interface. See Figure 3-56. Please input a group name and then select corresponding rights, input some note information for your reference if necessary. Click OK button to exit.

Add Group	×
Group Name	
Memo	
Rights List O Check All	
 Shutdown 	
O Monitor_01	
🔿 Replay_01	
O Record	
O Backup	
OK Cancel	

Figure 3-56

Go to the User interface, here you can add/remove user and modify user name. See Figure 3-57.

Account-10.15.22.100 X						
User	Add	Delete				
Role	🗖 All	User Name	Group Name	Memo	Opera	tion
	1	888888	admin	admin(888888) 's acc	/	×
	2	666666	user	666666 user's account	/	×
	3	admin	admin	admin 's account	/	×
	4	default	user	default account	/	×
						Cancel

Figure 3-57

Click Add button, you can see the following interface. See Figure 3-58. Please input user name, password, and select a group from the dropdown list. Select corresponding rights and then click OK button.

Tips

If you want to multiple users to use this account login at the same time, you need to check the box to select reusable function.

	Add User	x
User Name		🔲 Reuseable
Password		
Confirm Password		
Group	admin 💌	
Memo		
Rights List	Check All	
📃 Ctr Panel		A
📃 Shutdown		
🔲 Monitor		
🔲 Playback		
📃 Record		
📃 Backup		
📃 HDD Manager		
PTZ Control		
	ОК	Cancel

Figure 3-58

Maintenance

Host

Here you can set system time, date format, record period and etc. See Figure 3-59.

	Main	itenance - 10.15.117.109(Channel 1)	×
Local Setup	Device Name	YZC4EZ008W00019	
DateIime	Device No	8	
R\$232	Language Video Standard	English V	
Auto Maintenance	Pack Duration	8 minute(1~60)	
Version	When disk is full	Overwrite V	
		Apply Save	Cancel

Figure 3-59

Please refer to the following sheet for detailed information.

Parameter	Function
Device name	It is to set device name.
Device No.	When you are using one remote control to manage multiple devices, you can give a serial numbers to the device. Before the operation, please make sure you have clicked address button on the remote control and input a number for current device.
Language	You can select the language from the dropdown list. Please note the device needs to reboot to get the modification activated.
Video Standard	This is to display video standard such as PAL.
HDD full	 Here is for you to select working mode when hard disk is full. There are two options: stop recording or rewrite. If current working HDD is overwritten or the current HDD is full while the next HDD is no empty, then system stops recording, If the current HDD is full and then next HDD is not empty, then system overwrites the previous files.
Pack duration	Here is for you to specify record duration.

Date&Time

The date and time interface is shown as in Figure 3-60.

-	Ма	intenance - 10.15.117.109(Channel 1)	×
Local Setup	Date Format	YYYY-MM-DD	
Date <u>T</u> ime	Time Format	24-H	
R\$232	System Time	2014-12-11 😧 15:23:59 😧 Sync PC	
Auto Maintenance	🔵 DST Enable DST Typ) Date 🔾 Week	
Version	Start Time	2014 V Jan V 1 V 00:00	
	End Time	2014 V Jan V 1 V 00:00	
	O NTP		
	Time Zone	GMT+08:00	
	Port	123 (1-65535)	
	Update Period	10 Minute(0-65535)	
		Apply Save (Cancel

Figure 3-60

Please refer to the following sheet for detailed information.

Parameter	Function					
Date format	Here you can select date format from the dropdown list.					
Time Format	There are two options: 24-H and 12-H.					
Time zone	The time zone of the device.					
System time	It is to set system time. It becomes valid after you set.					
Sync PC	You can click this button to save the system time as your PC current time.					
DST enable	Here you can set day night save time begin time and end time. You can set according to the date format or according to the week format.					
NTP	You can check the box to enable NTP function.					
NTP server	You can set the time server address.					
Port	It is to set the time server port.					
Update period	It is to set the sync periods between the device and the time server.					

The RS232 interface is shown as in Figure 3-6	51.
---	-----

·	M	laintenance - 10.15.11	7.109(Channel 1)	_	×
Local Setup	сом	COM1	V		
DateIime	Function	Console	V		
	Data Bit	8	T		
R\$232	Stop Bit	1	T		
Auto Maintenance	Baud Rate	115200	T		
Version	Parity	None	V		
				Apply	Save Cancel

Figure 3-61

Please refer to the following sheet for detailed information.

Parameter	Function				
СОМ	You can select from the dropdown list.				
Function	 There are various devices for you to select. Console is for you to use the COM or mini-end software to upgrade or debug the program. The control keyboard is for you to control the device via the special keyboard. Transparent COM (adapter) is to connect to the PC to transfer data directly. Protocol COM is for card overlay function. Network keyboard is for you to use the special keyboard to control the device. 				
Baud Rate	Default setup is 115200.				
Data Bit	Default setup is 8.				
Stop bit	Default setup is 1.				
Parity	Default setup is none.				

Auto Maintenance

Here you can set auto-reboot time and auto-delete old files setup. You can set to delete the files for the specified days. See Figure 3-62.

	Maint	tenance - 10.15.117.109	(Channel 1)		×
Local Setup	Auto Restart	Tuesday	▼ 02:00	<u> </u>	
Date <u>T</u> ime	Auto Delete Files	Never	•		
R\$232		Restart			
Auto Maintenance					
Version					
				Apply S:	ave Cancel

Figure 3-62

Version

Version interface is shown as below. See Figure 3-63.

Maintenance - 10.15.117.109(Channel 1)					
Local Setup	Software Version:	2.400.0000.3.R, build : 2014-11-7			
Date <u>T</u> ime	SN:	YZC4EZ008W00019			
R\$232	Copyright 2014. All Ri	ghts Reserved			
Auto Maintenance					
Version					
			Cancel		

Figure 3-63

WEB

Click it to go to the WEB of the device. See Figure 3-64. The following figure is for reference only.



Figure 3-64

Alarm Setup

Set Alarm Scheme

You can follow the steps listed below to set an alarm scheme.

1) Click the icon interface. See Figure 3-65.



Figure 3-65

2) Set alarm sources.

a) Click Add button in Figure 3-69, system goes to alarm sources setup interface. See Figure 3-70.

3) Here you can input a scheme name and some reference information. Select the alarm type from the dropdown list.

"Alarm Type" includes video loss, camera masking, motion detection, audio abnormal and etc.

4) Check the box to select a channel you want to set alarm scheme on the left pane; you can add it to the list on the right pane.

		ſ	Vew Scheme		×
	* Name Untitled 1	Descripti	ion	V	Enable when create
1 Alarm sources	Alarm Type Camera Masking				
2 Alarm link	Input search criteria	No. 1	Channel 10.15.100.25/Channel 1	Alarm Type Camera Masking	Operation
3 Schedule					
				Next	Cancel

Figure 3-66

5) Click Alarm Link on the left pane or click next button in Figure 3-67, you can go to the following interface. Please check the trigger channel in Figure 3-68 and alarm output channel in Figure 3-69.

		New Scheme					×
	* Name Untitled 1	Description				📝 Enable	when create
1 Alarm sources	Channel Alarm Out						
2 Alarm link	Input search criteria	Link Channel	Push Video	Record	Preset	Stay Time(s)	Operation
3 Schedule	 10.15.1.82 10.15.100.244 10.15.100.25 10.15.2.100 10.15.2.100 10.15.2.100 10.15.5.122 10.15.5.156 10.15.5.157 10.15.5.157 10.15.5.166 10.15.5.76 10.15.5.76 10.15.5.76 10.15.5.76 10.15.5.76 10.15.5.76 10.15.6.84 10.15.6.84 10.15.7.123 10.15.7.123 10.15.7.144 10.15.7.144 10.15.7.148 10.15.9.185 10.15.9.22 10.15.9.22 						~
			(Back	$\supset \subset$	Next	Cancel

Figure 3-67

	* Name Untitled 1					
	onder a		Description	_	🔽 Enable	when create
1 Alarm sources	Channel	Alarm Out				
Alauma limb	Input search c	riteria 🔍	Link Out	Auto Start	Stay Time(s)	Operation
	🗕 🖃 🖃 Defaul	t Group 🔺	10.15.22.100/AlarmOut1	Yes	20	×
3 Schedule	10.	15.1.82	10.15.22.100/AlarmOut2	Yes	20	×
	✓ ✓ ✓ ✓	AlarmOut1 AlarmOut2 AlarmOut3 AlarmOut4 AlarmOut4 AlarmOut6 AlarmOut7 AlarmOut7 IS 23 33 IS 5.122 IS 5.156 IS 5.165 IS 5.175 IS 5				

Figure 3-68

6) Click Period button on the left pane or click next button in Figure 3-69, you can go to the following interface.

				New Scheme		×
		* Name	Untitled 1	Description	Enable when creat	te
1	Alarm sources					
2	Alarm link					
3	Schedule		Sun	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24	
			Mon		*	
			Tue		*	
			Wed		*	
			Thu		*	
			Fri		*	
			Sat		*	
				Back Confirm	Cancel	

Figure 3-69

Click after a date to set alarm activation period. There are six periods in one day. See Figure 3-70. Click OK button to exit.

	Schem	e Tim	ne Setup		×
Period 1	<mark>00</mark> :00	Å	_	23:59	<u></u>
Period 2	00:00	Å	_	00:00	Å
Period 3	00:00	Å	_	00:00	Å
Period 4	00:00	Å	_	00:00	Å
Period 5	00:00	Å	_	00:00	Å
Period 6	00:00	Å	_	00:00	Å
🔽 Sun 📃 Thu	Mon		📄 Tue	🗖 We	ed.
		$\left(\right)$	ОК	Cance	

Figure 3-70

a) Click OK button, you can view the scheme information on the alarm setup interface. See Figure 3-71.

HOI	-ISHD	HOME PAGE ALARM CFG ADD		≛ = ? - ⊡ ×
Add		Delete Import Export		
	Status	Name	Description	Operation
1	On	Untitled 1		/ × 🖒

Figure 3-71

Enable/Disable/Export Scheme

After you added a scheme, you can view the following contents for operation information.

- X: Delete current scheme.
- Uisable current scheme.
- 😃: Enable current scheme.
- Add :: Add scheme.
- Delete : Select one or more scheme(s) and then click this button to delete.
- Import : Import scheme information.
- Export : Export scheme informaiton.

Tour &Task

It is to realize monitor tour among each window. Please follow the steps listed below to set.



- in the Settings pane, you can go to monitor tour interface. 1) Click icon
- 2) Click Add. System pops up add box.
- 3) Input plan name, see Figure 3-72.

		Manual Add
		Plan Name:
		Description:
		Add Cancel
		Figure 3-72
4)	Click Add.	
	+	
5)	Click	button. System shows tour setup interface.
6)	Input task na	ame, stay time.
7)	Click	at the bottom of the second se

interface to select window amount.

8) Drag channel(s) on the right pane to the windows on the left pane. See Figure 3-73.



Click Save button to save current setup. You also can click Save and Continue to save current setup and continue to set another. When you complete task setup, see Figure 3-74.

Set and er	nable channel groups for	a tour task which can be enabled on th	e liveview interface. You can drag to sort these groups.
Channel (Channel)	Group 1 ed 🗡 🗙		
SN	Plan name	Plan Description	Operation
1	plan1		/ ×
2	plan2		/ X

Figure 3-74

In Figure 3-78, you can check the enable button to open current scheme. You can modify and delete current task scheme.

After tour task is created, click Liveview in Basic area, select tour task in Liveview interface. Click

at the bottom of the interface to enable the task.

Basic Operation

Liveview

Real-time Liveview

After you set channel group, you can realize real-time liveview, record, snap, PTZ operation and etc.



On the homepage, click in the Basic pane, you can go to the liveview interface. See Figure 4-1.



Please refer to the following sheet for detailed information.
SN	ltem	Function					
1	Bit stream information and shortcut operation menu	 Please refer to the following contents for detailed information. Image: Enable/disable local record. Image: Snapshot. Image: Enable/disable audio. Image: Enable/disable bidirectional talk. Image: Instant playback. Image: Digital zoom Image: Close current window. 					
2	Video window	Real-time video					
3	Window split mode	 It is to set 1-wind to 64-window mode. Select a window and then click this button to custmoze its setup. Original : Adjust video scale. Full screen. 					
4	Tour button	 Save current view as a viewing profile. You can use it under View, Playback, and in tour interface. Note: When add view, check add to tour task before you can view it in tour&task. Enable tour plan. Refer to Ch 3.9. Close tour plan. 					
5	PTZ	It is for PTZ dome camera series product only. Here you can set camera direction, zoom in, zoom out, iris and etc. Click advanced button to set preset, tour, aux function and so on.					
6	Device list	Display device group and the corresponding channel. Here you can create a new group and drag a device to it. Right click a channel, you can select main stream/sub stream quickly go to the device setup interface.					

Select a liveview window, double click a device channel on the right pane to open the video. Double click a group name; you can open all channels under current group. Right click device channel, you can switch between main stream/extra stream.

Right click liveview window, you can see an interface shown as in Figure 4-2.



Figure 4-2

Please refer to the following sheet for detailed information.

Item	Function			
Close video	Click it to close current window.			
Close all video	Click it to close all windows.			
Start audio	Click it to enable audio function.			
Start talk	Click it to enable bidirectional talk function.			
Start record	Save audio/video of current window to a record file.			
Snapshot	Snapshot current window. Click it once to save one picture.			
Triple Snapshot	Snapshot current window. Click it once to save three pictures by default.			
Start instant playback	It is to enable instant playback in current window.			
Playback	Click it to go to the playback interface to playback record of current window.			
Multi-screen Track	It can split screen to 1+3, 1+5 mode for 4K camera. You can drag small box in video window.			
Window scale	It is to adjust window scale.			
Stream type	Switch between main stream/sub stream			
Adjust	Set video brightness, contrast, hue and saturation.			

Item	Function		
Intelligent Overlay	Overlay intelligent rule, intelligent pattern and intelligent object box in video window.		
Channel setup	Click it to go to the channel setup interface.		
Full-screen	Click it to switch to full screen mode. You can double click video window or right click mouse and then select exit full screen/press Esc to exit.		

Record

During the liveview process, you can follow the steps listed below to record.

On the liveview interface, right click mouse and then select record button.

Or you can click the button **I** at the top of the video window to record.

The icon becomes **W** when device is recording.

You can right click mouse to select stop record or click the **I** at the top of the video window to stop record.

The default record save path is Holis HD RC/Record. Here you can go to chapter 3.3 General and then select file setup icon to modify record save path.

Snapshot

During the liveview process, you can follow the steps listed below to snapshot.

1) On the liveview window, right click mouse and then select snapshot. You can see system pops up snapshot dialogue box. See Figure 4-3.

Tips

You can also click i at the top of the video window to snapshot.



Figure 4-3

2) Please select corresponding parameter from the snapshot reason dropdown list and then input the information in the Remarks column.

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3) Click save button, you can see system prompts "Successfully saved snapshot!".

On the Liveview window, right click mouse and then click Triple snapshot, you can snap three pictures at one time. You can see the corresponding dialogue box if the snapshot succeeds. The default picture save path is Holid HD RC/capture. Here you can go to chapter 3.3 General and then select file setup icon to modify picture save path.

PTZ

If the device type is PTZ dome camera, you can click the PTZ button to set. See Figure 4-4.





Please refer to the following sheet for detailed information.

Item	Function						
	Click to go to the PTZ menu. See Figure 4-5.						
PTZ menu	Open Menu Figure 4-5						
Mouse simulator	Click , you can use your mouse to set camera movement direction.						
Direction buttons	It is to set camera movement direction. There are total directions. Top/bottom/left/right/top left/top right/bottom left/bottom right.						
Zoom	It is to control speed dome to realize zoom function.						
Focus	It is to adjust video definition.						
Iris	It is to adjust brightness.						
Step	It is to control PTZ movement speed. It supports value 1 to value 8.						
	There are 128 presets by default.						
	You can set camera to a specified preset.						
Preset	Use direction keys to move the camera to your desired location and then input preset value. Click Set button, you have set one preset.						
Tour	This function allows the camera to move between several presets.						
Horizontal rotate	It is to enable horizontal rotate function.						
Scan	It is to set two limits so that the camera can move back and forth.						
Pattern	The camera can memorize dome operation such as pan, tilt, and zoom to repeat.						
Aux	It is to set aux positioning.						

Preset

This function allows you to set camera to a specified position.

Preset setup

Please note system supports 128 presets by default.

1) In Figure 4-18, use direction keys to move the camera to your desired location.

- 2) Click dropdown list, select preset; click S and click dropdown list. Select number within 1~128.
- 3) Click 🗸 to set corresponding preset. .

Tour

This function allows camera to go between several presets.

Important

Before you use this function, please set at least two presets.

Tour setup

1) In Figure 4-4, select Tour from the dropdown list and then click 🐺 button. See Figure 4-6.

	Tour List	×	(
Tour ID 1	Tour Name		
Preset	Time(s)	Operation	
1	10	+	
		OK Cancel	

Figure 4-6

- 2) Input tour number/tour name.
- 3) Select preset number from the dropdown list and input stay time.
- 4) Click **m** button to add one preset to the tour. Select another preset number from the dropdown list and then click Add button again to add more preset to the tour.
- 5) Click OK button to complete the tour setup.
- 6) Click 😃 button to tour.

Pan

- 1) Click Pan dropdown list, select Pan.
- 2) Click 🖑 to enable Pan.

Scan

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- 1) Click Scan dropdown list, select Scan.
- 2) Click PTZ button, to rotate left, click Keen, set left border.
- 3) Rotate PTZ to right, click market right border.
- 4) Click 😃 to enable Scan. PTZ will rotates within the range of two borders.

Pattern

Pattern is the process of recording.

- 1) Click Pattern dropdown list click Pattern.
- 2) In 1 dropdown list select number of pattern, you can set up to 5 patterns.
- 3) Click I, after button is red, operate on 8 buttons of PTZ to start setup of pattern.
- 4) Click 遇, complete pattern setup.
- 5) Click 😃, deivce will rotate accoriding to set pattern.

Aux

- 1) Click Aux dropdown list, select Aux.
- 2) In Aux order box, input any number between 1~255. Each number has a corresponding function.
- 3) Click 🖑, display function of Aux order.

Playback

After you recorded a file, you can go to this interface to playback.



On the homepage, click in the Basic pane, you can go to the playback interface. See Figure 4-7.

	HOLISHD	HOME PAGE	+	& # ? - ¤ ×	
				Device Local	
	Main Stream(648.54 kb/s, 1280*960)	oex I	 → 1 → 2 	View V	
3	Channel Name 1 2 Window2_CAM 1 Window3_CAM 2 Window3_CAM 3 Window4_CAM 4	0: 1 0 1 2	2014-08-04 0 11 12 13 14 15 16 17 10 1 4	Card ID From 2014-12-10 00:00:00 To 2014-12-10 23:59:59 Search	
0	<u> </u>	7	Figure 4-7		9

SN	ltem	Function				
1	Shortcut operation column	 There are shortcut operations to download record file and snapshot. Snapshot. Snapshot. Zoom in window Close current window. 				
2	Playback window	Playback record				
3	Mode	There are two playback mode: by time/by event.				

SN	Item	Function				
4	Playback tool bar	 It is to control the playback process, audio and etc: Window sync operation button. When this function is enabled, the operation of the playback bar is for all windows. When it is in status, it is for current selected window only. It is to switch playback and pause. It is to switch playback and pause. Stop playback. Forward. It is to control the playback speed. It is to adjust volume. 				
5	Window display mode setup	It is to set window split mode. The value ranges from 1- window to 36-window. • Select a window and then click this button to realize customized setup. • Full screen.				
6	Time bar control	It is to zoom in /zoom out time line.				
7	Time bar	Playback time process.				
8	Time clip	It is to edit the time line to download the specified records.				
9	Export process	It is to export the records of the specified period.				

Playback Device Record

Please follow the steps listed below to search the record you want and then playback.

- 1) In Figure 4-21, click Device button on the upper right intergface.
- 2) Check a channel (or some channels) on the device list on the top right pane.
- 3) Select record type, stream type and record start time and end time.
- 4) Click Search. See Figure 4-8. By default, system search record by "time".

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	& ≞ ? - ⊡ ×
	Device Local
	Device A
	Default Group 172.7.56.101
	100 881 100 881
	日間通知日日の日本
111totong gswJC!@@@%*kkkkkkk	日本 通知六 日本 通道七 日本 通道八
	• 🛛 🖬 172.7.57.41
	View 🗸
	Type All
	Stream Main Stream 💌
	From 2014-12-08-00.00:00
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	To 2014-12-08 23 59 59
Window2 Window3 Window4	Search
Q	60 26

Figure 4-8

- Green color stands for the general record.
- Yellow color stands for the motion detect record.
- Red color stands for the alarm record.
- Blue color stands for card no. record.



- 6) Click 🔍 to intelligently search motion detection. System shows motion detection window.
- 7) Left click to select motion detection area with the box.
- 8) Click to search motion detection. The purple time bar represents found motion detection in Figure 4-9.

		2014-08-02									
Channel Name	6	7	8 !	9 :	10 1	1 1	2	13	14	15	16 1'
Window1_Channel	1										
Window2_conf_im	g										
Window3_CAM 5											
Window4_conf_im	g										
Q (4	۹. 🔳										D

Figure 4-9

9) Click to play motion detection in video window.

Re-select motion detection area.



Figure 4-10

12) Select Picture on the right.

13) Configure search time, click Search. System shows snapshot, see Figure 4-11.

HC		HOME PAGE				* * ? - ¤ ×
<						Device Local Device CAM 28 CAM 29 CAM 30 CAM 31 CAM 31 CAM 31 CAM 31 CAM 32 CAM 32
OReco	rd 📄 Event				∧ Display	From 2015/05-18/00/00 00
All	File Name	Snap Time	Device Name Channel	Name File Length(KB;	Snap Reason Remark	To 2015-06-18 23:59:59 V Search
•					ь	B B

Figure 4-11

You can click to view snapshot.

- 14) (optional) You also can playback record under View.
 - a) In Liveview interface, click at bottom.
 - System pops up Figure 4-12.

Save View	×
View Name:	
🗹 Add to Tour Task	
ОК	Cancel

Figure 4-12

- b) Input video name, click OK.
- c) On the right, click View tab, right click newly added view, select Playback.
- d) System auto jumps to playback window, and shows process bar at the bottom.



Figure 4-13

Playback Local Record

Please follow the steps listed below to search the record you want and then playback.

- 1) In Figure 4-7, click Local button on the right pane.
- 2) Check a channel (or some channels) on the device list on the top right pane.
- 3) Set search for record or picture, and select local record or picture time to search.



Export

There are three ways for you to select export records.

- 10) In Device record interface, select periods on the time line and then click to export records.
- 11) In Record event interface, select record type and then click 🔛 to export records.
- 12) In Local record interface, check the records first and then click 🔲 to expoer records.

You can see the export interface is shown as in Figure 4-14. Select the corresponding export path and then click OK button to export.

	Export	Setup X
Path	ss_Trunk\bin\₽	Record\DownLoad\ Browse
Export Format	ASF	V
Export Sma	art Player	
Free Space: 7	56MB	OK Cancel

Figure 4-14

You can click
to view exporting and exported conditions.

Alarm Manager

If you have set an alarm scheme, you can see the corresponding alarm in the Alarm manager interface. You can refer to chapter 3.7.1 to set an alarm scheme first.

Click icon

in the basic pane, you can go to Alarm manager interface. See Figure 4-30.



Figure 4-15

If you have set alarm activation video function in your alarm scheme setup, you can see system instantly shows video window. See Figure 4-16.

If you check the box at the bottom of the interface to pause refresh, the new alarm info will not be shown in alarm list instantly. Click Alarm Manager at the right bottom of the interface, system goes to the alarm manager interface for you to view the corresponding alarm record.



Figure 4-16

Log

Log interface is shown as in Figure 4-17.



- 1) In homepage, click ______in BASIC area.
- 2) Select Client log and select start time/end time, and select type from the dropdown list. Click Search button, you can see the log information.

HO				S E-MAP	+ ADD	_	* # ? - = >
Client	t Log Device Log		End Tin	ne 2016-06-01 23-59-59			Search
	Type System 🔽 All	v	Key Wor	ds	_		Export
No.	Time	User Name	Event Type	Device Name	Channel Name	Remarks	
1	2016-06-01 10:56:31	admin	User Login				
2	2016-06-01 14:06:14	admin	User Logout				
No./Pag	je 20 🔻						Þ

Figure 4-17

3) Click Search. See Figure 4-18.

HOI	LISHD	HOME PAGE	ADD			Å ≞ ? - ⊡
Client I	Log Device Log	00.00	End Time bod	E 00 04 02-00-00		Count
Sta	Type System	All	Key Words	0-00-01 23:33:33		Export
No.	Time	User Name	Event Type Device	e Name Channel Na	me Remarks	
	20					

Figure 4-18

- 4) Click Device log tab.
- 5) Select start time/end time, type and device name from the dropdown list.
- 6) Click Search button. See Figure 4-19.

	LISHD	HOME F	PAGE LO	G DEVICE	S E-MAP	ADD		
Client	Log Device Log							
St	art Time 2016-06-01 12:00):00		 End Tir 	me 2016-06-01 23:59	:59	T	Search
	Type System 🔻	All		 Key Wor 	rds	_		Export
No.	Time		User Name	Event Type	Device Name	Channel Name	Remarks	
	2016-06-01 14:06:14		admin	User Logout				
2	2016-06-01 14:14:19		admin	User Login				

Figure 4-19

Extension

E-map



I on the homepage, you can go to the e-map interface. You can view the device

status on the e-map. On the view map interface, you can zoom e-map or open video, but you can not edit it. On the Edit e-map interface, you can edit e-map, add camera and etc. Note:

If there is no map, you need to click Add Map, and enter map name to add map.

Add E-map

If it is your first time to use e-map, you can see an interface shown as below. See Figure 5-1.

	E-MAP	+ ADD	*	₽ ?	-	
	No main m	ap, click Add! + Add Map				
14						

Figure 5-1

Click Add map button, the interface is shown as in Figure 5-2.

Please input e-map name and then select e-map picture. You can input some reference information if necessary.

Name:	
Picture:	File
Describe:	
	Save

Figure 5-2

After you added an e-map, the interface is shown as below. See Figure 5-3.





Edit E-map

Click Edit, you can go to the following interface. See Figure 5-4.Click Tools, you can edit emap, delete e-map, delete device, add area, modify area, delete area and etc. Drag a channel on the right pane to the e-map; you can add it to the e-map.



Figure 5-4

Click Tool button, you can see a function bar shown as below. See Figure 5-5.



Figure 5-5

Please refer to the following sheet for detailed information.

ltem	Function
Modify e-map	It is for you to change e-map name, picture, description
Delete e-map	Delete current e-map.
Delete device	Delete a device from the e-map.
Add area	Add hot zone on the e-map.
Modify area	Change hot zone map name, picture and description.
Delete area	Delete corresponding hot zone.

Liveview E-map

After you edited the e-map, you can click View button to live view. Buttons at the left top of the interface can zoom in, zoom out or move e-map. Double click a camera on the e-map, you can view video. See Figure 5-6.



Figure 5-6