

ZOSI

PoE NVR User Manual

Please read instructions thoroughly before operation and retain it for future reference.

Welcome to use this product, this manual will help you set up, operate and use its key functions. Certain features and services may not be available in all areas. For more information, please contact your supplier.

During the preparation of this manual, every effort has been made to make the content correct and complete, but we cannot guarantee that there are no errors or omissions. We insist on continuously optimizing and improving our products and services, and therefore reserve the right to modify the products and content described in this product manual at any time without prior notice.

Notes:

! Do not place objects on this device!

! Do not let any solid or liquid enter the NVR!

! Clean the circuit board, connectors, fans and case with a brush regularly but remember to turn off the power and pull the plug before cleaning .

! Do not disassemble, maintain the device, or replace parts by yourself.

! Avoid knocking this NVR. Do not drop the device.

Operational Environment

! Place and use the product at a temperature of 0 °C ~ 40 °C . Avoid direct sunlight and be away from heat sources.

! Do not install the device in a damp environment;

! Do not expose the device to smoky and dusty environment.

! Keep the device be installed horizontal and in a stable place. Take care to prevent it from falling.

Contents

1 Production Introduction.....	1
1.1 Product overview.....	1
2 Open-package check and cable connections.....	1
2.1 Open-package check.....	1
2.2 Introduce the NVR.....	2
2.3 Device connection.....	2
2.4 Access the System via Smartphone or PC.....	3
3 Basic Operation.....	4
3.1 Turn on.....	4
3.2 System login.....	4
3.3 Preview.....	4
3.4 Desktop shortcut menu.....	5
3.4.1 Single Screen.....	5
3.4.2 Multi Screen.....	6
3.4.3 PTZ.....	6
3.4.4 Start Scan.....	6
3.4.5 Colour.....	7
3.4.6 E -Zoom.....	7
3.4.7 Audio.....	7
3.4.8 Snap.....	8
3.4.9 Start/stop record.....	8
3.5.0 Playback.....	8
3.5.1 Intelligent Alarm.....	9
3.5.2 IPC Channel Configuration.....	10
3.5.3 Main Menu.....	10
4 Main Menu.....	11
4.1 Main menu navigation.....	11
4.2 Configuration Management.....	12
4.2.1 Basic Configuration.....	13
4.2.2 Live Configuration.....	15
4.2.3 Recording Configuration.....	16

Contents

4.2.4 Schedule.....	19
4.2.5 Alarm Configuration.....	21
4.2.6 Network Configuration.....	25
4.2.7 User Management.....	26
4.2.8 PTZ.....	28
4.2.9 Advanced Configuration.....	28
4.3 Data Retrieval.....	29
4.3.1 Time Search.....	29
4.3.2 Event Search.....	30
4.3.3 Image.....	30
4.4 Backup.....	31
4.5 View Information.....	32
4.5.1 System.....	33
4.5.2 Event list.....	33
4.5.3 Log list.....	34
4.5.4 Network.....	34
4.5.5 Online Users list.....	35
4.6 Disk Management.....	35
4.7 Log User off.....	36
4.8 Manual Maintenance.....	36
4.9 Upgrade Maintenance.....	36

1 Production Introduction

1.1 Product overview

The series NVR is designed specially for security and defence field and is an outstanding surveillance product. It introduces embedded LINUX operating system which is very stable. It introduces standard H.265 mp video compressed format and unique temporal and spatial filtering algorithm which insures the high quality image and low bit rate synchronous audio and video surveillance. It introduces TCP/IP network technology which achieves the strong network data transmission capability and remote control capability. The series NVR can be used individually or online applied as a part of a safety surveillance network. With the professional network video surveillance software it achieves the strong network communication ability and telecommunication ability.

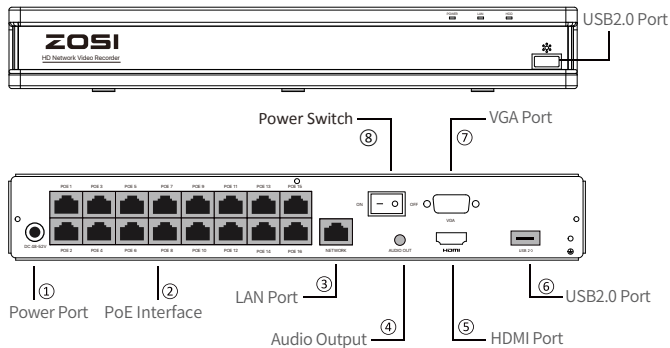
The series NVR can be applied in the bank, telecom, electric power system, judicial system, transportation, intelligent housing, factory, storehouse, water conservancy and so on.

2 Open-package check and cable connections

2.1 Open-package check

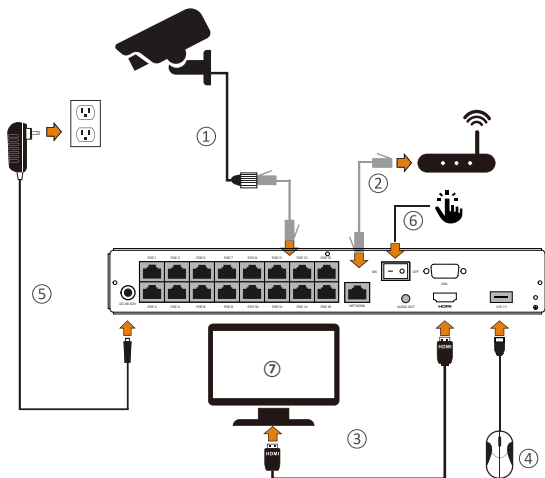
When you receive the product, please confirm whether it is consistent with the product model you ordered and check carefully whether there is any obvious damage of the product. After opening the casing, check whether the connection between the internal data wire, power wire, fan power wire and so on and the main board are firm .Please protect the labels afixed to the floor or rear panel , which is very important to our aftersales service work. When you contact our company for after-sales service, we need you to provide the model and serial No. on the label.

2.2 Introduce the NVR



NOTE: To ensure the device works properly, it is recommended to power on the PoE NVR first for testing before a final installation.

2.3 Device connection



- ① Connect the Cameras to the PoE NVR with 60ft(18.3m) Ethernet Cable.
- ② Connect the PoE NVR to the Router with 3ft(1m) Ethernet Cable.
- ③ Connect the PoE NVR to the Monitor with VGA or HDMI Cable.
- ④ Connect the USB Mouse to the USB2.0 Port.
- ⑤ Connect the PoE NVR to the Power Outlet.
- ⑥ Turn on the power switch and enjoy live view.
- ⑦ The monitor will display live view of the camera.

NOTE: To ensure the device works properly, it is recommended to power on the PoE NVR first for testing before a final installation.

2.4 Access the System via Smartphone or PC

Smartphone

Search “ZOSI Smart” in the APP Store or use a browser to scan the QR code below, download and install the app and follow the instructions to register an account.



Zosi Smart



App (IOS/Android)



App video operation link

PC

Download path: Go to <https://www.zositech.com/pages/app>.

3 Basic Operation

3.1 Turn on

Plug the power supply, the power indicator light will illuminate and the video recorder turns on, you will hear a beep at this time. After startup, the default setting of the system is multiple-screen output mode and video recording starting up automatically.

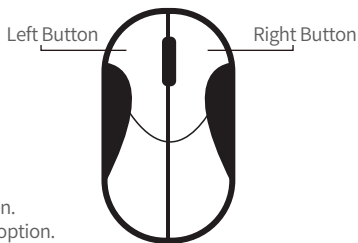
Mouse Operation:

Left Button:

- Preview or Playback Interface: Double-click a single channel to enter full screen and double-click again to exit full screen.
- Navigation Menu: Left click to select a menu option.

Right Button:

- Right click to bring up the main menu when the mouse is on the preview interface.
- Navigation Menu: Right click to exit the menu or return to previous menu option.







3.2 System login

When the DVR boots up, the user must login and the system provides the corresponding functions with the user preview.

The default user name of the factory equipment is admin, and the default password is blank. You can directly log in to the system when you log in to the system for the first time after starting up.

3.3 Preview

After entering the preview status, double-click the left mouse button to choose the switch between the windows. The system date, time and channel name are shown in each viewing window. The surveillance video and the alarm status are shown in each window.

 Green	Manual recording or Trigger recording	 Blue	Timing recording
 Yellow	Intelligent detection recording		Network disconnection

3.4 Desktop shortcut menu

In preview mode you can right click mouse to get a desktop shortcut menu and right click mouse again to ESC the desktop shortcut menu.



- Single - Select single channel for live viewing
- Multi - Select multi-channel for live viewing
- PTZ: Control the rotation of PTZ camera
- Start Scan - Start/Stop Scan
- Colour - Adjust colour and image settings
- E-Zoom - E-Zoom the preview interface
- Audio - Adjust the camera volume
- Snap - Snap and save the live view images
- Start/stop record
- Playback - Search Video playback and quick playback
- Intelligent Alarm - Set up Human Detection and Siren-Light Alarm
- IPC Channel Configuration - IPC channel configuration management
- Main Menu - Enter the Main Menu

3.4.1 Single Screen

Select a channel for single-screen viewing.



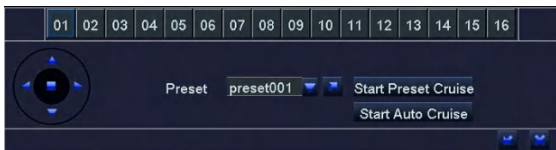
3.4.2 Multi Screen

Select the corresponding different multi-screen mode to watch.



3.4.3 PTZ

Control the rotation of the PTZ camera and set the automatic cruise/preset point cruise.



3.4.4 Start Scan

Start Scan means the system will show each live picture in order automatically according to the order of the video devices in the channel grouping. Only when the user selects the channel grouping under the display mode[main menu]>[configuration management]>[live], and it can not show all channels completely under the current preview, this button is available.

3.4.5 Colour

Set image parameters for all channels. The image parameters include: brightness, contrast, saturation and hue.

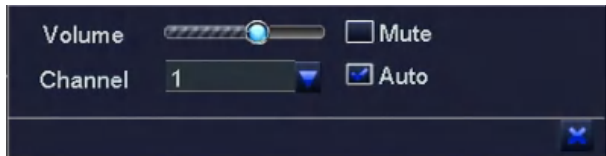


3.4.6 E -Zoom

E-Zoom for big picture of single channel.

3.4.7 Audio

Set startup, turn-off and silent mode of audio for the channel, and adjust the volume ..After select (automatic), it will start up audio of the big picture channel automatically.



3.4.8 Snap

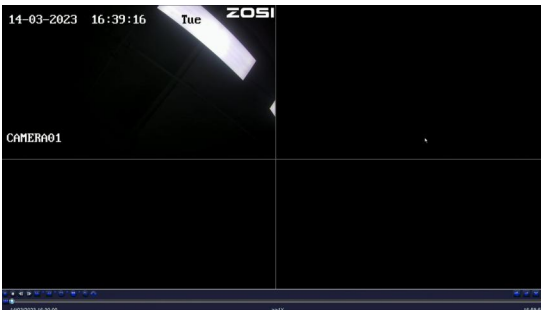
Snap a screenshot of the current channel.

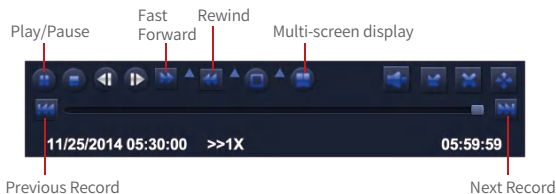
3.4.9 Start/stop record

After clicking start recording, the system will start full-time recording; after clicking stop recording, the system will stop full-time recording.

3.5.0 Playback

Right click the mouse - Playback - Video Playback/Quick Playback, Video Playback: Playback the video clips via time search or event search. Quick Playback: Quick playback of the first 30 minutes of video.





Previous Video: Play the previous video.

Next Video: Play the next video.

Fast forward: You can play the video clips at 1/4 time speed to 16 times speed.

Rewind: You can rewind the video clips at 1 time speed, 8 times speed, 16 times speed, and 32 times speed.

Screen Modes: Single Channel Playback/Multi-channel Playback. Channels without video playback will show a black screen.

3.5.1 Intelligent Alarm

Set up Intelligent Alarm and Siren-Light Alarm.



3.5.2 IPC Channel Configuration

View camera version information, add cameras, upgrade cameras, etc.

IPC Channel Config

IPC No.	Channel01	Index	IP Address	Subnet Mask	Port	Protocol
IP Address	192.168.001.100					
Subnet Mask	255.255.255.000					
Protocol	private					
Port	5000					
User Name	admin					
Password						

Add Auto Search Search Auto Add

Channel	IP Address	Firmware Version	Port	Protocol	Connection Status
01	192.168.138.106	V4.0.6.C22501800EA	32540	Private Protocol	Connected

Upgrade Delete Refresh

3.5.3 Main Menu

Enter the system main menu interface.

Main Menu

Setup Search Backup

Information Disk Management Logoff

Manual Maintenance Upgrade

4 Main Menu

4.1 Main menu navigation

Main menu	Submenu	Function
configuration management	Basic configuration	Set the system time, date format, time format, language, the device number, video format, standby time, daylight saving time
	Live configuration	Set the channel name, color, display mode, privacy mask, etc.
	Recording configuration	Start up video recording, set up the video stream, position of channel name, video circulation, snapshot, etc
	Recording Plan	Set timer recording, motion alarm recording, period of intelligent recording
	Alarm configuration	Set motion detection, video loss, other alarms, intelligent alarms, sound and light alarms, etc.
	Network configuration	Set basic network parameters, email
	User management	Modify users, change passwords, add users and delete users
	PTZ	Set the preset point of the PTZ camera
	Advanced configuration	Restore the factory settings, import and export the device parameters, system maintenance
Data retrieval	Time search	Search specified period of time recording, playback the video of this period
	Event search	Search motion detection, human shape detection, face detection, vehicle detection, playback Videos of this period
	Image	Channel screenshots captured by search
Backup		Search for recorded video files, which can be backed up via U disk
View information	System Info	Display the device name, serial number, version, release date
	Event Info	Inquiry and export of motion detection, video loss, sensor alarm and other events
	System log	Search equipment operation log according to time, it can also be exported
	Network status	Display network settings and status
	Online users	Display the current network users accessing the device

Hard disk management		Show hard disk's total space, free space, read and write status and to format the hard disk
After log-off, exit system and log in		After log-off, exit system and log in
Manual maintenance		After manual maintenance, the system will automatically restart
Upgrade		The system version can be upgraded online

4.2 Configuration Management

Set every function parameters for the device, including: basic configuration, live configuration, recording configuration, recording plan, alarm configuration, network configuration, user management, PTZ configuration, advanced configuration.



4.2.2 Live Configuration

Live configuration includes three submenu: Live, Main Monitor, Video Blind.



1. Live

[Camera Name] Click channel Name, the system will pop up a soft keyboard, users can change the channel name if necessary. Clicking the “shift “ key to switch input methods [Colour] Users can adjust the brightness, hue, saturation, and contrast of the corresponding channel

2. Main Monitor

[Interval] The time interval between one channel picture and the next one channel.



3. Video Blind



Users can cover up some areas of the live picture, maximum of five areas per channel. [Setting] After entering the live picture, press and hold the left mouse button, drag the mouse to set the blocked area, then click [apply] to save the settings; Double-click on the area you want to delete, later changed into a black area, right-click, Exit. then click [apply] can delete the blocked area.

4.2.3 Recording Configuration

Record configuration includes six submenus: Enable, Record Bitrate, Stamp, Recycle Record, Snap.

1. Enable



2. Record Bitrate

Main Stream		Sub Stream				
CH	Resolution	Bitrate	FPS	Resolution	Bitrate	FPS
1	3840*2160(4K)	5120 kbps	20	640*360(NHD)	512 kbps	20
2	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
3	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
4	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
5	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
6	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
7	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
8	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
9	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
10	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
11	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO
12	NO_VIDEO	NO_VIDEO	NO	NO_VIDEO	NO_VIDEO	NO

Check the main stream and sub stream information.

[Resolution] Display/select camera resolution.

[Code rate] Show camera code rate.

[Frame rate] Show camera frame rate.

3. Stamp

CH	Camera Name	Time Stamp	Position
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Setting
2	<input type="checkbox"/>	<input type="checkbox"/>	Setting
3	<input type="checkbox"/>	<input type="checkbox"/>	Setting
4	<input type="checkbox"/>	<input type="checkbox"/>	Setting
5	<input type="checkbox"/>	<input type="checkbox"/>	Setting
6	<input type="checkbox"/>	<input type="checkbox"/>	Setting
7	<input type="checkbox"/>	<input type="checkbox"/>	Setting
8	<input type="checkbox"/>	<input type="checkbox"/>	Setting
9	<input type="checkbox"/>	<input type="checkbox"/>	Setting
10	<input type="checkbox"/>	<input type="checkbox"/>	Setting
11	<input type="checkbox"/>	<input type="checkbox"/>	Setting
12	<input type="checkbox"/>	<input type="checkbox"/>	Setting

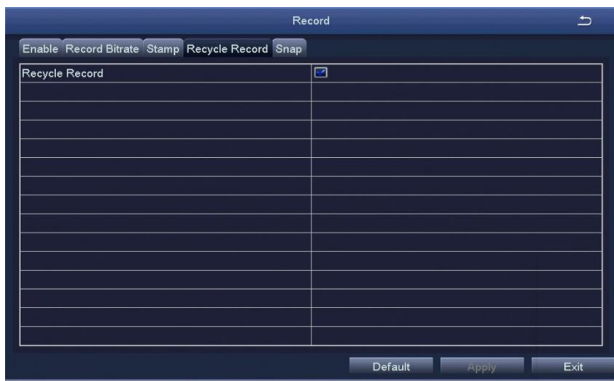
[Camera Name] Choose whether to display the channel name or not.

[Time Stamp] Choose whether to display time on this channel or not.

[Position] After clicking this button, Users can use mouse to drag the channel name and time stamp to any position on the live image.

4. Recycle Record

After selecting this item , When the hard disk is full, it will automatically cover the earliest files and continue recording ; Otherwise, it will automatically stop recording and prompt "The remaining space is insufficient" on the screen.



5. Snap

View screenshot information.

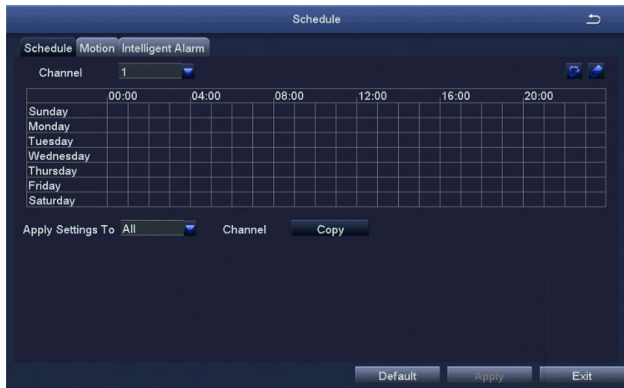


4.2.4 Schedule

Schedule includes three submenus: timing recording, motion alarm recording, and intelligent recording.

1. Timing Recording

Select the channel: Double click the left mouse button, edit the week plan, as shown in the picture.



[Copy] Apply the schedule of a channel to the other or all channels.



[Add] To add a recording schedule of some day.

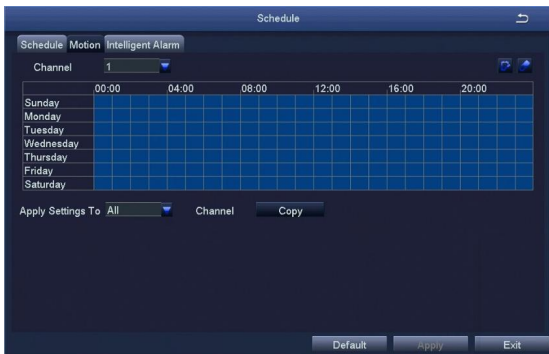
[Delete] To delete the selected schedule.

[Copy] Copy the schedule of a specified date to another date.

2. Motion Alarm Recording

The setting method is the same to the timing recording setting, please refer to the timing recording settings.

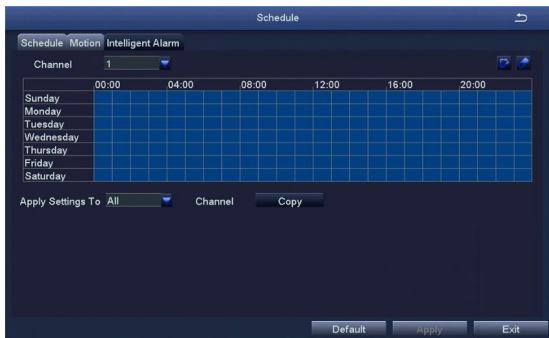
Note: The default Schedule for Motion alarm is all selected.



3. Intelligent alarm

The setting method is the same to the timing recording setting, please refer to the timing recording settings.

Note: The default Schedule for intelligent alarm is all selected.



4.2.5 Alarm Configuration

Alarm configuration includes five submenus: Motion detection, Video loss, Other alarm, Intelligent alarm, Siren-Light alarm.



1. Motion Detection

Motion detection includes two submenus: motion detection and schedule.



1-1. Motion Detection

By analyzing the video image, when the system detects a mobile signal which reaches a preset sensitivity, motion detection alarm and the linkage function are initiated.

3. Other Alarm

[Alarm Type] Including hard disk full, network address conflict, disconnection, HDD attenuation warning and disk loss.

[Buzzer] When an alarm occurs, the device will emit "didi" two long beeps.

[Email] When an alarm is triggered, the system will send the relevant information to the user-specified mailbox, such as alarm events, snapshot, device name, device number, etc.

[To Alarm Out] To select this item, it will trigger an alarm on the specified alarm output.

[Disk Shortage Alarm] When the remaining capacity of the disk reaches the set value, an alarm will be triggered.

Alarm Type	Disk Full
Buzzer	<input type="checkbox"/>
Email	<input type="checkbox"/>
To Alarm Out	<input type="checkbox"/> 1
Disk Shortage Alarm	128 MB

Default Apply Exit

4. Intelligent alarm

CH	Alarm Type	Holding Time[s]	Push Time[Min]	Trigger	Area
1	Setting	10	1	Setting	Setting
2	Setting	10	1	Setting	Setting
3	Setting	10	1	Setting	Setting
4	Setting	10	1	Setting	Setting
5	Setting	10	1	Setting	Setting
6	Setting	10	1	Setting	Setting
7	Setting	10	1	Setting	Setting
8	Setting	10	1	Setting	Setting
9	Setting	10	1	Setting	Setting
10	Setting	10	1	Setting	Setting
11	Setting	10	1	Setting	Setting
12	Setting	10	1	Setting	Setting

Default Apply Exit

[Alarm type] Set to select the alarm type such as humanoid detection, face, vehicle, etc.
 [Holding Time] To select alarm delay time of the channel .Optional time: 5/10/20/30/60/120s always.

[Push time] Select the channel APP alarm push time, optional 1/2/3/5/8/10 minutes.

[Alarm Handling] Same as motion detection alarm processing trigger setting.

[Area Setting] After entering the live screen, press and hold the left mouse button, drag the mouse to set the human figure detection area, click [Save] to save the settings; double-click the set area again to delete the human figure detection area.

Note: The default is to set the whole region.

5. Siren-Light Alarm

Siren-Light Alarm							
CH	Enable	Alarm Level	Alarm Type	Night Vision Mode	Volume	Manual Alarm	LED
1	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
13	<input type="checkbox"/>	Both (Loud) ▾	Motion & Intellige ▾	B&W ▾	Setting	<input type="checkbox"/>	<input type="checkbox"/>
All							
<input type="checkbox"/>	<input type="checkbox"/>	Both (Loud) ▾	Motion ▾				

Default Apply Exit

After opening, the sound and light alarm function of each channel can be set.

[Alarm level] can choose strong sound and light alarm, slight sound and light alarm, strong sound alarm, slight sound alarm, strong light alarm;

[Alarm type] can choose motion detection, intelligent alarm, motion detection and intelligent alarm;

[Night Vision Mode] Black and White Night Vision, Full Color Night Vision, Intelligent Night Vision;

[Volume] Adjust the volume;

[Manual alarm] Set manual sound and light alarm;

[LED] can turn on and off the LED warning light of the camera;

6-2 Email

The screenshot shows a configuration window titled "Network" with a sub-tab "Email". The window contains a table for email settings and a "Test" button.

SMTP Server	
Port	465
SSL Check	<input checked="" type="checkbox"/>
Send Address	
Password	
Receive Address1	
Receive Address2	
Receive Address3	

Test

Apply Exit

[SMTP Server] Mail server address can be IP address and domain name (if it is domain name ,it is required to confirm that the DNS setting is right ,then it can be correctly resolved) e.g.: smtp.gmail.com.

[Port] Mail server port number, the default port is 465.

[SSL Check] Provide secure socket layer to login on.

[Send Address] E-mail address of the mail server.

[Password] The corresponding password of the Sender' s E-mail.

[Receive Address] When an alarm is generated ,the system will send email to the set mailbox , but the number of the set recipient mailbox can be no more than 3.

[Test] Test whether the current mailbox configuration is successful or not.

4.2.7 User Management

The screenshot shows a "User Management" window with a table of users and control buttons at the bottom.

User Name	User Type	PC MAC Address
admin	Admin	00-00-00-00-00-00

Add Delete Change Password Exit

The default administrator name is admin, there is no password set.

Note: The length of the user name and password is no more than 32 characters.

[Add] Add a user name and set the user's permissions.

The screenshot shows the 'Add User' dialog box with the 'General' tab selected. The fields are as follows:

User Name	guest
Password	
Confirm Password	
User Type	Normal
Binding PC MAC Address	<input type="checkbox"/>
PC MAC Address	00-00-00-00-00-00

Buttons: OK, Exit

The screenshot shows the 'Add User' dialog box with the 'Authority' tab selected. The permissions are as follows:

<input type="checkbox"/> Log Search	<input type="checkbox"/> System Setup	<input type="checkbox"/> Shut Down					
<input checked="" type="checkbox"/> Two Way Audio	<input type="checkbox"/> File Management	<input type="checkbox"/> Disk Management					
<input checked="" type="checkbox"/> Remote Login							
<input checked="" type="checkbox"/> Live View							
<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 8
<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12	<input checked="" type="checkbox"/> 13	<input checked="" type="checkbox"/> 14	<input checked="" type="checkbox"/> 15	<input checked="" type="checkbox"/> 16
<input checked="" type="checkbox"/> Manual Record							
<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 8
<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12	<input checked="" type="checkbox"/> 13	<input checked="" type="checkbox"/> 14	<input checked="" type="checkbox"/> 15	<input checked="" type="checkbox"/> 16
<input checked="" type="checkbox"/> Playback							
<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 8
<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12	<input checked="" type="checkbox"/> 13	<input checked="" type="checkbox"/> 14	<input checked="" type="checkbox"/> 15	<input checked="" type="checkbox"/> 16
<input checked="" type="checkbox"/> Backup							
<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 8

Buttons: OK, Exit

[Reset] Reset all settings to the factory settings status.

[Import/Export]

(1)Through “Import/Export” , you can export the parameters to other devices directly. There is no need to reconfigure other devices.

(2)The system language can be changed by import language files.

[System Maintenance] By default, the system will automatically restart at 2 am every Monday, and the maintenance time can be customized.

4.3 Data Retrieval

Mainly includes Time Search, Event Search, and Image.

4.3.1 Time Search

Search

Time Search Event Search Image

Start Time
00 : 00 : 00

00:00 04:00 08:00 12:00 16:00 20:00

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

2023 3

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1 2 3 4
5 6 7 8
9 10 11 12
13 14 15 16



Select the channel to play



Start playing

[Search] Search the video file of set channel and time, then click the play button to start playback.

Note: The highlighted date in the calendar indicates there is video file on that day .

4.3.2 Event Search

Search

Time Search Event Search Image Search

CH	Type	Start Time	End Time
1	Motion	14/03/2023 09:20:25	14/03/2023 09:21:20
1	Motion	14/03/2023 12:36:12	14/03/2023 12:36:50
1	Motion	14/03/2023 16:41:10	14/03/2023 16:41:55
1	Motion	14/03/2023 16:42:02	14/03/2023 16:42:42

1/1

Motion Human vehicle
 Face Pet

2023 3

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1 2 3 4
 5 6 7 8
 9 10 11 12
 13 14 15 16

[Search] Search the video file of set channel and time, after selecting the file, double click to start playback.

4.3.3 Image

Search

Time Search Event Search Image Search

14-03-2023 16:43:45 Tue ZOSI

CAMERA01

CH : 01 14/03/2023 16:43:46

1/1

1 2 3 4
 5 6 7 8
 9 10 11 12
 13 14 15 16

Start Time 14 / 03 / 2023 00 : 00 : 00
 End Time 14 / 03 / 2023 23 : 59 : 59

Save Save All

[Search] To search the image file of set channel and time.

[Save] Save the currently displayed image to a removable storage device. [Save All] Save all the captured images to a removable storage device.

Note: 1. The default number of storage image is 2000. If it is more than 2000, the system will automatically overwrite the previously unlocked images.

2. Double-click the image, you can playback the video from the time when the image was captured.

4.4 Backup



By setting, you can backup the video file to the external storage device

Note: You need to install the storage device capable of accommodating the storage files before backing up the files.

[Search] To select the files that need backup according to time and channel. [Backup] Select files in the list and click “backup”, then it will popup a dialog box of backup information, as shown in figure:



Disk cleanup: to delete all files in the external storage device.

4.5 View Information

Including five submenus: system information, event information, system log, network status, and online users and other relevant information.



4.5.1 System

To display the basic information about this device, including hardware information, software version number, release date, and phone port number .

The screenshot displays the 'System' information screen. At the top, it says 'System' with a refresh icon. Below is a table with the following data:

System Type	HNVR
System Number	0
Firmware Version	V1.7.4.36C1168011FX3Z
Hardware Version	V2.15X_A
Launch Date	2022-12-21 10:04:09
Device ID	R5ZJLAV5K9KJWH23111A

Below the table is a 'Mobile Monitor' section with two QR codes. The left QR code is labeled 'IOS / Android' and the right one is labeled 'Device ID'.

4.5.2 Event list

Users can select the event information of motion detection alarm, sensor alarm, video loss alarm and so on which users need to inquire about according to time and channel.

The screenshot displays the 'Event List' screen. It features a table with the following data:

CH	Type	Start Time	End Time
1	Motion	14/03/2023 09:20:24	14/03/2023 09:20:39
1	Motion	14/03/2023 09:20:39	14/03/2023 09:20:50
1	Motion	14/03/2023 12:36:12	14/03/2023 12:36:22
1	Motion	14/03/2023 16:41:09	14/03/2023 16:41:25
1	Motion	14/03/2023 16:42:01	14/03/2023 16:42:11

On the right side, there are time selection controls:

- Start Time: 14 / 03 / 2023 00 : 00 : 00
- End Time: 14 / 03 / 2023 23 : 59 : 59

Below these are 16 checkboxes for channel selection, all of which are checked (1-16).

At the bottom, there are filters for event types:

- vehicle
- Human
- Pet
- Motion
- Video Loss
- Face

Buttons for 'Export', 'Search', and 'Exit' are located at the bottom right.

4.5.3 Log list

Users can search the operation information of the login user based on time and the operation type. After formatting the hard disk, the information will be cleared.

The screenshot shows the 'Log list' window with a table of operations and a filter panel on the right. The table has columns for Type, User Name, Time, and IP. The filter panel includes Start Time and End Time fields, and a list of operation types with checkboxes.

Type	User Name	Time	IP
Operate PTZ	admin	14/03/2023 16:42:25	127.000.000.001
Operate PTZ	admin	14/03/2023 16:42:26	127.000.000.001
Operate PTZ	admin	14/03/2023 16:42:26	127.000.000.001
Snap Picture Successful	admin	14/03/2023 16:43:46	127.000.000.001
Time Search	admin	14/03/2023 16:43:55	127.000.000.001
File Management	admin	14/03/2023 16:44:01	127.000.000.001
File Management	admin	14/03/2023 16:44:04	127.000.000.001
Time Search	admin	14/03/2023 16:44:16	127.000.000.001
Stop	admin	14/03/2023 16:44:20	127.000.000.001
Check Network Status	admin	14/03/2023 16:49:05	127.000.000.001
Start PTZ Operation	admin	14/03/2023 16:49:24	127.000.000.001
Operate PTZ	admin	14/03/2023 16:49:31	127.000.000.001
Stop PTZ Operation	admin	14/03/2023 16:49:43	127.000.000.001
Time Search	admin	14/03/2023 16:49:59	127.000.000.001
File Management	admin	14/03/2023 16:50:03	127.000.000.001

2/3

Start Time: 14 / 03 / 2023 00 : 00 : 00
End Time: 14 / 03 / 2023 23 : 59 : 59

- Operation
- Setup
- Playback
- Backup
- Search
- Check Information
- Error

Export Search Exit

4.5.4 Network

Users can view the related parameters of the network settings.

The screenshot shows the 'Network' window with a table of network parameters.

HTTP Port	80
Server Port	5000
IP Address	192.168.001.100
Subnet Mask	255.255.255.000
Gateway	192.168.001.001
Preferred DNS Server	192.168.001.001
Alternate DNS Server	192.168.000.001
Networking Approach	DHCP
Network Status	Connected
DDNS	Unconnected
MAC	0C-AA-EE-02-AE-74
Server	Connected

4.5.5 Online Users list

See the network user information connecting the local NVR.

User Name	IP	Status

0/0

Refresh

4.6 Disk Management

[Refresh] To re-check the disk that can be indentified.

[Browse] To check the information of the selected hard disk, including hard disk capacity, free space, hard disk status, properties, the total number of pictures that can be stored, stored number of pictures.

[Format] To delete the data on the selected hard disk, including locked files and images.

ID	Type	Size[GB]	Free[GB]	Status	Properties	Sources
<input type="checkbox"/> 01	SATA	1863.02	0.00	Normal	Read & Write	Local

Refresh Browse Apply Format Exit

4.7 Log User off

The current user logs out of the system. If the user wants to log in again, click the main menu icon and enter the user name and password on the login interface to log in to the device again.

4.8 Manual Maintenance

If manual maintenance is confirmed, the system will automatically restart.

4.9 Upgrade Maintenance

[Upgrade] After the system is connected to the Internet, it will detect a new version, click this button, and the system will automatically upgrade. The upgrade process takes about 5 minutes.

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