

Guarding Expert App

Quick Operation Guide

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1. Overview

This user guide is mainly applicable to installation and use of monitor software in iPhone and Android system mobile phone.

Main functions and features of program:

- Remotely monitor the live video;
- Playback record files
- Locally store and manage pictures and videos
- Control alarm output and realize PTZ control ;
- Manage alarm notification and information。
-

Requirement:

Support iOS 3.0 or higher version, that contains iPhone , iPad etc.

Support Android system above 1.5 version,。

2. Installation

Run iPhone's *App Store* program or *Google play Store* program, switch to searching page, click the app name as below, then the program install pack will be found and please install that.

App Name	Mobile Device	Icon	Remark
Guarding Expert	Iphone	 Guarding Expert	
Guarding Expert	Android phone		
Guarding Expert HD	Ipad	 Guarding Ex...	
Guarding Expert HD	Android pad		

3. Main Feature

- Live View
- Remote Playback
- Device Management
- Alarm Management
- Picture and Video Management
- Configuration
- Cloud P2P

After you successfully run the software, you enter the Live View interface.

You can click  to activate the Main menu which contains the following icons.

Icon	Function	Icon	Function
	Go to Live View interface.		Go to Picture and Video Management interface
	Go to Remote Playback interface		Go to Configuration interface
	Go to Device Management interface		Go to Cloud P2P interface
	Go to Alarm Management interface.		

4. Live View

4.1. Start Live View

1. In the Live View interface, click  to enter the Camera List interface, select the camera(s) or device for live view.

Icon	Function	Icon	Function
	Device icon		Back to Live View interface
	Camera icon		Add the commonly used camera(s) to the favorites
	Select the camera or device for live view		Favorites icon

2. Click Start Live View to start live view of the selected cameras.

Refer to the following description for the icons on the live view interface.

Icon	Function	Icon	Function
	Go to the Camera List interface		Stop all the live view
	Capture picture of the selected live view window		Audio control
	Record the video of the selected live view window		Two-way audio
	PTZ control panel		Alarm output control panel
	Image quality panel		Digital zoom

4.2. Stop Live View

During the live view, you can click  to stop live view of all cameras.

Or you can perform the following steps to stop live view of the specific camera.

1. Click and hold the live view window.
2. Drag the window upwards, and the  icon shows on the top of the window.
3. Drag the window to the  until it changes to  and then release the window.

4.3. PTZ Control

Click  to activate the PTZ control panel.

Icon	Function	Icon	Function
	Start / stop the auto-scan		Set and call the preset
	Zoom control:	 / 	Zoom+ / Zoom-
	Focus control:	 / 	Focus+ / Focus
	Iris control	 / 	Iris+ / Iris-

Under PTZ control mode, you can slide on the live view window to realize the pan left/right and tilt up/down movements. You can also pinch two fingers together to zoom out or spread them apart to zoom in the live view.

4.4. Setting / Calling a Preset

1. Slide on the live view window to move the camera to the desired scene.
2. Click  and then set the preset No. (1~256) in the pop-up dialog box.
3. Click **Set** to finish the preset settings. For the programmed preset, you can set the preset No. and click **Call** to call it.

4.5. Image Quality

There are three defined image quality types provided, including Clear, Balanced and Fluent. And you can also customize the image quality.

Note: If you change the image quality, the live view and recording of the device may be affected due to the new settings.

4.6. Customize the Image Quality

1. Click **Custom** to activate the customized panel.
2. Configure the parameters according to actual needs, including Stream Type, Resolution, Frame Rate and Bitrate.

4.7. Alarm Output Control

You can control the alarm outputs of the added device by the software.

1. Slide the control panel to show more icons.
2. Click  to activate the alarm output control panel.
3. Select an alarm output  and click it to set it as  to enable this alarm output.

4.8. Digital Zoom

You can realize the partial digital zoom during live view.

1. Click  and the selected window will be display in 1-division mode.
2. Spread two fingers apart to zoom in or pinch them together to zoom out the live view. Or you can double-click on the live view image to realize digital zoom.

4.9. Full-screen Live View

During live view, you can rotate the iPhone to enter the full-screen mode. You can press and drag the toolbar to adjust its position.

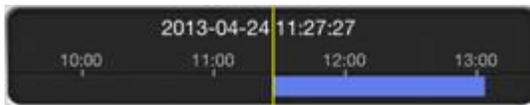
5. Remote Playback

5.1. Start Playback

1. In the Remote Playback interface, click  to enter the Camera List interface.

Icon	Function	Icon	Function
	Set the start time and end time as the search condition.		Select a camera for playback
	Device icon		Camera icon.
	Back to Remote Playback interface		

2. Click **Start Playback** to start playback.
3. You can slide the timeline bar to adjust the playback time.



Icon	Function	Icon	Function
	Capture picture of the playback window		Clip the playback video.
	Pause the playback		Stop the playback
	Audio control		Digital zoom

5.2. Stop Playback

You can click  to stop the playback.

Or you can perform the following steps to stop the playback.

1. Click and hold the playback window.
2. Drag the window upwards, and the  icon shows on the top of the window.
3. Drag the window to the  until it changes to  and then release the window.

5.3. Digital Zoom

You can realize the partial digital zoom during playback of video files.

Click  and then spread two fingers apart to zoom in or pinch them together to zoom out the video.

5.4. Full-screen Playback

During playback, you can rotate the iPhone to enter the full-screen mode. You can press and drag the toolbar to adjust its position.

6. Device Management

6.1. Adding a Device

In the Device Management interface, click  to add a new device.

Editing the following parameters to add a device.

Alias: Edit a name for the device as desired.

Register Mode: Select the register mode to HiDDNS, IP/Domain, or IP Server.

HiDDNS: When the device is registered on the HiDDNS server, you need to enter the HiDDNS server address and the device domain name registered on the server. You can also scan the serial No. on the label of the device by clicking  if your device has been registered on the HiDDNS server via serial No.

IP/Domain: You can access the device through fixed IP address or domain name. You need to edit the IP address or domain address and the port of the device.

IP Server: You can access the device through IP Server. You need to set the IP Server address, and device identifier which is the device name or device serial No..

User Name: Input the user name of the added device.

Password: Input the password of the added device.

Camera No.: The number of the camera(s) under the device can be obtained after the device is successfully added.

6.2. Modifying a Device

1. In the Device Management interface, click the device item to view its parameters.
2. Click  and then you can modify the parameters of the device according to actual needs.

6.3. Deleting a Device

In the Device Management interface, select a device and slide the item to access the Delete button.

Click **Delete** to delete the selected device.

7. Alarm Management

In Alarm Management interface, you can enable alarm notification and manage alarm information, and set the alarm linked video.

7.1. Alarm Notification

1. Click **Alarm Push Notification** to enter Alarm Push Notification interface.
2. Select a device and set the switch as on to enable the alarm notification of the device. In this way, the alarm information can be pushed to your iphone at the first time.

7.2. Alarm Information

1. Click **Alarm Information** to enter the Alarm Information interface, you can view the received alarm information.
2. You can select a piece of alarm information and slide the item to access the **Delete** button. Click Delete to delete the selected alarm information.
3. If you want to clear all the alarm information, you can click .

7.3. Alarm Linkage

1. In the Alarm Information interface, select a piece of alarm information and click .
2. In the pop-up message box, select **Live View** or **Playback** to view the live view or record file of the camera that occurs motion detection, video loss, video tampering, line crossing, intrusion, face detection, scene change detection, audio exception, defocus detection or PIR alarm.

8. Picture and Video Management

In Picture and Video Management interface, you can view and manage the local video files and pictures that you manually record and capture in Live View and Remote Playback interface. The video files and pictures can be exported to your computer via iTunes. You can also export the pictures to your photo album of your iPhone, or send the pictures and videos to your email.

For exporting pictures to your photo album, please perform the following steps.

1. Click  and then select the pictures for exporting.
2. Click  and select .
3. Click **Confirm** to export the selected pictures to your photo album.

For sending the pictures and videos to your email, please follow the steps.

1. Click  and then select the pictures and videos for sending.
2. Click  and select .
3. On the pop-up email interface, edit the receiver's account and email subject, and click **Send** to send the selected pictures and videos to the designate email account.

For batch deleting of the pictures and videos, please perform the steps below.

1. Click  and then select the pictures and videos you want to delete.
2. Click  to delete the selected file(s). Or you can click  to cancel it.

8.1. Picture Management

1. Click a picture and the picture displays in full screen. You can click  if you want to delete it, and click  to export the picture to your photo album or send it to your email.
2. You can pinch two fingers together to zoom out or spread them apart to zoom in the picture. Or you can double-click on the picture to realize digital zoom. You can also slide to pan the picture under zoom-in mode.

8.2. Video Management

1. Click a video and the video shows in full screen. Click  if you want to delete it, and click  to send it to your email.
 2. Click  to play it.
-  Capture a picture of the playback video.  Pause the playback.  Audio control.

9. Configuration

In the Configuration interface, you can configure password protection, software update and email feedback; check the traffic statistics and configure Wi-Fi settings; and view software's version information, help file and main features.

9.1. Password Protection

In the Configuration interface, you can click **Turn Password On** to enter the password settings interface and input the password to activate password protection.

You can click **Modify Password** and enter corresponding information to modify the password.

If you want to disable the password protection, click **Turn Password Off** and enter the password to confirm the settings.

9.2. Check Traffic Statistics

The network traffic consumed during live view and remote playback can be checked.

1. In the Configuration interface, click **Traffic Statistics** to enter the Traffic Statistics interface.

The recorded traffic data lists.

Mobile Network: Refer to the cellular data consumed during live view and remote playback.

Wi-Fi: Refer to the Wi-Fi data consumed during live view and remote playback.

Current Day: The traffic data consumed today.

Current Month: The traffic data consumed this month.

History: The traffic data consumed since you started using the software.

2. (Optional) You can click **Clear All** to empty the data.

9.3. Wi-Fi Settings

The software provides the function of generating the QR code of Wi-Fi network. The network camera can scan the QR code to connect to the Wi-Fi network conveniently.

1. In the Configuration interface, click **Wi-Fi Settings** to enter the Wi-Fi Settings interface.

2. Enter the Wi-Fi Name (known as SSID) and password of the Wi-Fi network, select the encryption type which should be the same as the settings of the router, and click **Generate** to generate a QR code for the Wi-Fi network.

3. The network camera can connect to this network by scanning the QR code.

Notes:

This function should be supported by the network camera.

For detailed operation of the camera, please refer to the User Manual of the network camera.

4. (Optional) Click Save to save the Wi-Fi network and you can check it in the Wi-Fi List interface.

9.4. Software Update

In the Configuration interface, when there is a new version available in the **App Store**, the software will prompt you to update the software. You can confirm to update the software immediately. You can also cancel it and perform the following steps to update the software next time as desired.

1. Enter the Configuration interface.
2. Click **about** to enter the about interface.
3. If the **New** is in the **Software Update** item, click **Software Update** to update the software.

9.5. Feedback

If there is any problem or suggestion when you use the software, please feel free to send emails to us by clicking Feedback in About interface. Our technical engineers will handle your problems and suggestions as soon as possible.

10. Device Management

1. Click  and use your phone to scan the serial No. on the label of your device by aligning the QR Code with the scanning frame. Or you can click  and enter the serial No. (9-bit) of the device and click  to search the device.

Notes:

Only the device that supports the Cloud P2P can be added.

The device can only be added to one Cloud account.

2. The successfully added device will list on the device management interface and you can click Start Live View to view the live video of the device.
3. On the Devices interface, select a device and slide the item to access the Delete button. Click Delete to remove the selected device.

11. Account Management

Click Account tab and you can manage your Cloud account.

Click **Modify Password** to change the password. Set the switch for **Auto-login** as on to enable the function. To log out of Cloud, you can click **Logout**.