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About this Manual

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the EZVIZ™ website (<http://www.ezviz.com>).

Revision Record

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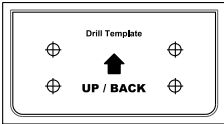
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Overview

1. Package Contents



Camera (x1)



Drill Template (x1)



Waterproof Kit (x1)



Screw Kit (x1)



Power Adapter (x1)



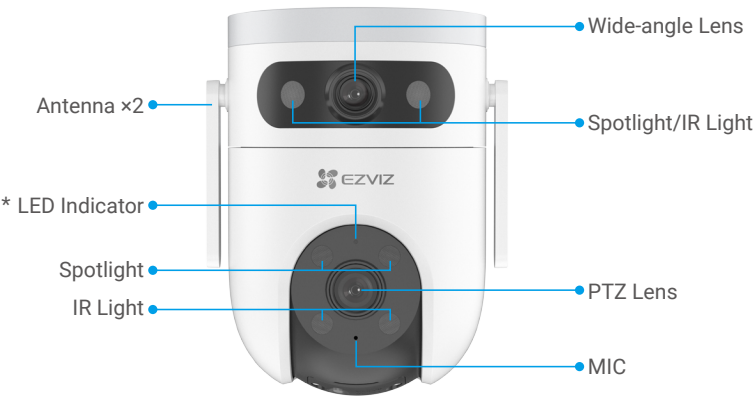
Regulatory Information (x1)









Quick Start Guide (x1)

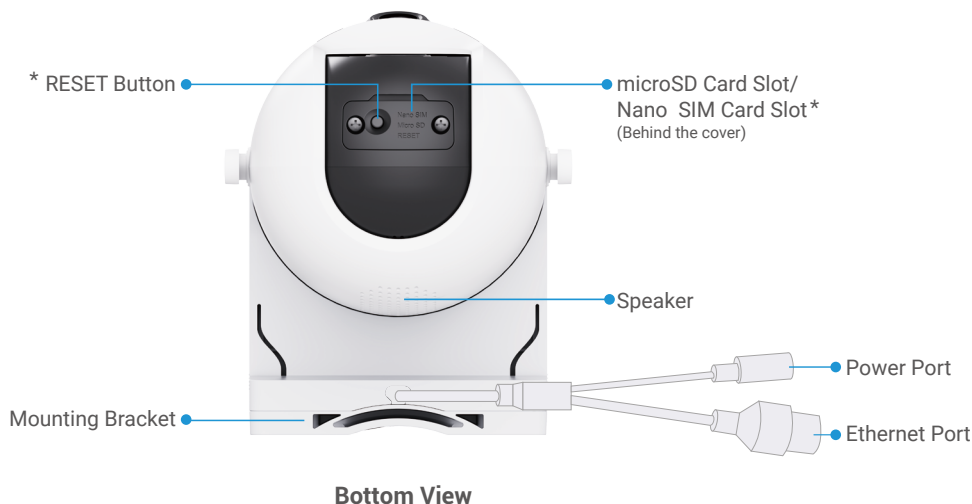
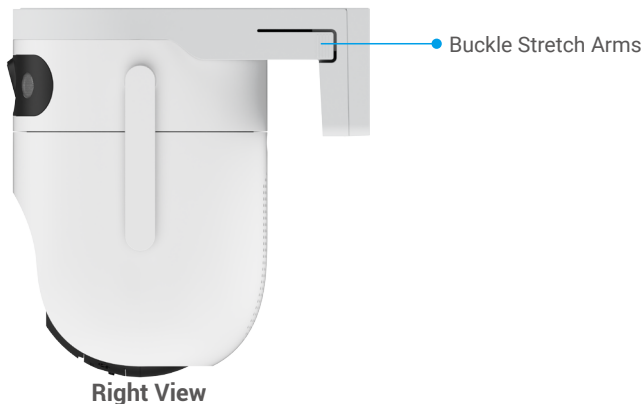
 The power adapter's appearance is subject to the one you have bought.

2. Basics



Front View

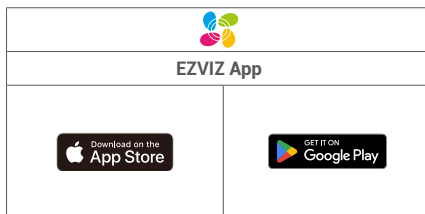
Name	Description
LED Indicator	 Solid Red: Camera starting up.
	 Slow-flashing Red: Network exception.
	 Fast-flashing Red: Camera exception (e.g. microSD card error).
	 Solid Blue: Video being viewed in the EZVIZ app.
	 Slow-flashing Blue: Camera running properly.
	 Fast-flashing Blue: Camera ready for network connection.



Name	Description
RESET Button	When the camera is working, press and hold the button for 5 seconds to restart and set all parameters to default.
microSD Card Slot	<ul style="list-style-type: none"> Insert a microSD card (purchase separately) into the card slot. Initialize the card in the EZVIZ app before using it. Recommended compatibility: Class 10, maximum space 512GB.
Nano SIM Card Slot	Insert a valid Nano SIM card (sold separately) into the card slot, before powering on the camera.

Get the EZVIZ App

1. Connect your mobile phone to Wi-Fi (suggested).
2. Download and install the EZVIZ app by searching “EZVIZ” in the App Store or Google Play™.
3. Launch the app and register an EZVIZ user account.



- i** If you have already used the app, please make sure that it is the latest version. To find out if an update is available, go to the App Store and search for EZVIZ.

Connect to Power

1. Connect the power adapter cable to the camera's power port.
2. Plug the power adapter into an power outlet.

- i** When the LED indicator is fast-flashing blue, it indicates that the startup process is completed and the device is ready for network configuration.



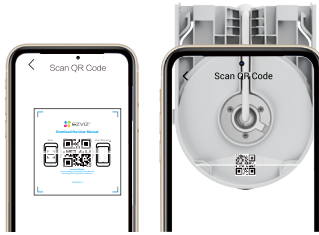
Connect to the Network

- i**
- Wi-Fi Connection: Connect the camera to Wi-Fi. Refer to **Option A**.
 - 4G Connection: Connect the camera to 4G. Refer to **Option B**.
 - Wired Connection: Connect the camera to a router. Refer to **Option C**.
 - Network Priority: Wired network > Wi-Fi > 4G.

Option A: Wi-Fi Connection

- i** Please connect your camera to the Wi-Fi to which your mobile phone has been connected.

1. Log in to your account using the EZVIZ app.
2. On the Home screen, tap “+” in the upper-right corner to go to the Scan QR Code interface.
3. Scan the QR code on the Quick Start Guide cover or on the body of the camera.



4. Tap "Wi-Fi Network" and follow the EZVIZ app wizard to finish Wi-Fi configuration and add the camera to your EZVIZ account.

- ❗ It is recommended to enable the 4G backup network to keep the camera always online. Please note that this operation may consume a small amount of 4G data.
- If Wi-Fi connection failed, or you want to connect the camera to another Wi-Fi, please press and hold the RESET button for 5 seconds and repeat the steps above.

Option B: 4G Connection

- ❗ 4G network connection may incur data charges, please pay attention to the data consumption. You can tap 4G Network in Network Settings interface to view the data consumption.

1. Install Nano SIM card.

- Use a screwdriver to loosen the screws on the black plastic cover on the camera.



- Remove the cover on the camera.
- Insert a 4G Nano SIM Card (sold separately) into the Nano SIM card slot as shown in the figure below.



- Place the cover back.
- Use a screwdriver to tighten the screws back on the cover.

- ❗ After a Nano SIM card is installed, the camera will be automatically connected to 4G network. When you hear the voice prompt "Platform registration successful", it means the camera has connected to the 4G network successfully.

2. Add a camera to EZVIZ.

- Log in to your account using the EZVIZ app.
- On the Home screen, tap “+” in the upper-right corner to go to the Scan QR Code interface.
- Scan the QR code on the Quick Start Guide cover or on the body of the camera.



- Follow the EZVIZ app wizard to add the camera to your EZVIZ app account.

i If the camera still prompts “Connection failed”, tap **APN Network Configuration** in **Network Settings** interface and follow the app wizard to finish the APN Configuration. (For APN information, please liaise with your carrier.)

Option C: Wired Connection

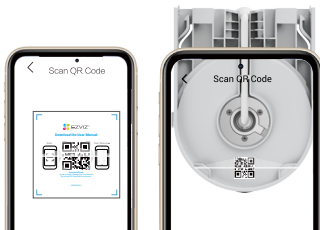
1. Connect the camera to the LAN port of your router with an Ethernet cable (purchase separately).

i The LED indicator turning **slow-flashing blue** indicates that the camera is connected to the Internet.



2. Add a camera to EZVIZ.

- Log in to your account using the EZVIZ app.
- On the Home screen, tap “+” in the upper-right corner to go to the Scan QR Code interface.
- Scan the QR code on the Quick Start Guide cover or on the body of the camera.



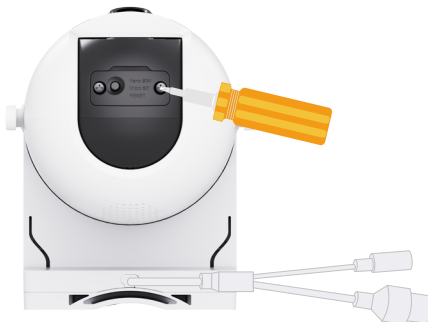
- Follow the EZVIZ app wizard to add the camera to your EZVIZ app account.

i • If the LED indicator turns **slow-flashing red**, it indicates that the camera has failed to connect to the network. Please check whether the Ethernet cable is connected correctly or if it is loose.
• To switch to 4G or Wi-Fi network, please remove the Ethernet cable and then operate by following the descriptions in “**Option A: Wi-Fi Connection**” or “**Option B: 4G Connection**”.

Installation

1. Install a microSD Card (Optional)

1. Use a screwdriver to loosen the screws on the black plastic cover on the camera.



2. Remove the cover on the camera.
3. Insert a microSD card (purchase separately) into the card slot.



4. Place the cover back.
5. Use a screwdriver to tighten the screws back on the cover.

- i** After installing a microSD card, please follow the below steps to initialize the card in the EZVIZ app before using it.
1. In the EZVIZ app, tap Record List in the Device Settings interface to check the SD card status.
 2. If the microSD card status displays as Uninitialized, tap to initialize it, and then the status will then change to Normal and then videos can be stored.

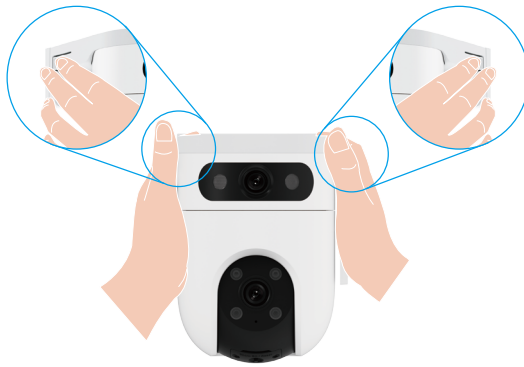
2. Choose an Installation Location

- Choose a location with a clear, unblocked field of view and good 4G network signal coverage.
- Make sure the wall is strong enough to withstand three times the weight of the camera.
- Camera cannot be installed with the lens facing direct sunlight.
- Recommended installation height: 8.2 - 9.8 feet (2.5 - 3m) above the ground.

3. Installation Procedure

The camera can be wall mounted, ceiling mounted, and pole mounted.

Press the buckle stretch arms while removing the camera from the mounting bracket as shown below.



Wall/Ceiling Mounting

1. Remove the protective film from the lens.
2. Stick the drill template onto a clean and flat surface.
3. (For cement ceiling/wall only) Drill screw holes according to the template, and insert anchors.
4. Use screws (PA4x25) to fix the mounting bracket on the installation surface.
5. Push the camera onto the mounting bracket.

- For ceiling-mounted installations under eaves, maintain a distance of less than 20cm between the device and the eave to avoid image degradation caused by wall glare at night.
- For wall-mounted installations, maintain a distance of more than 30cm between the camera and the wall to prevent image degradation caused by wall glare at night.

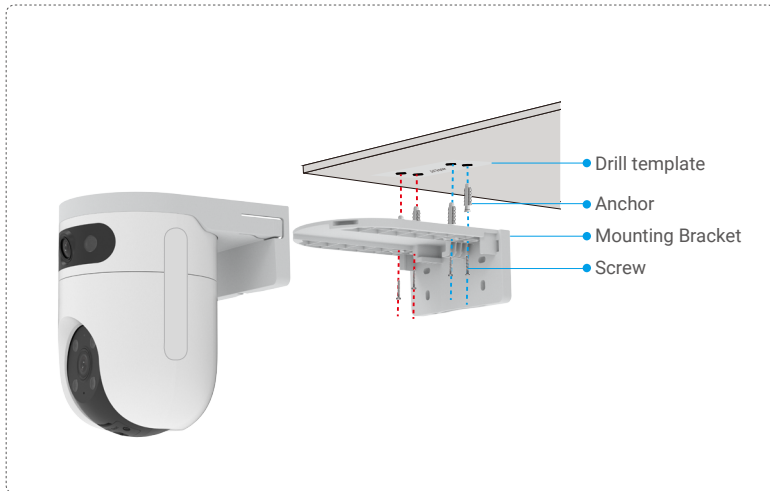


Fig. 1 Ceiling Mount

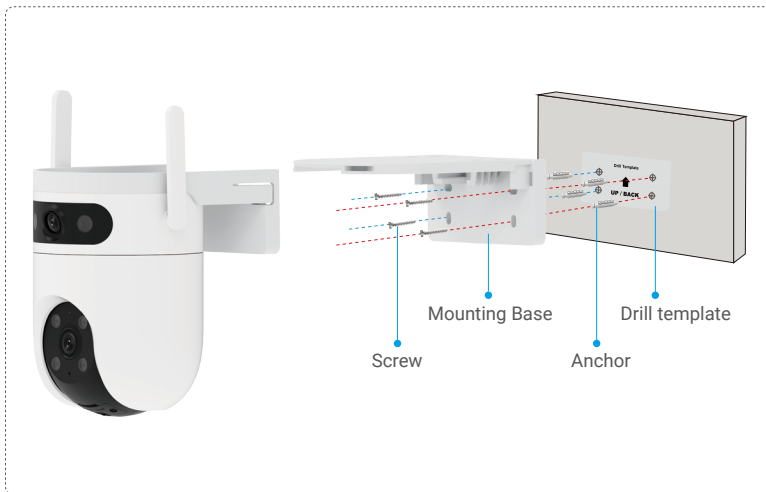
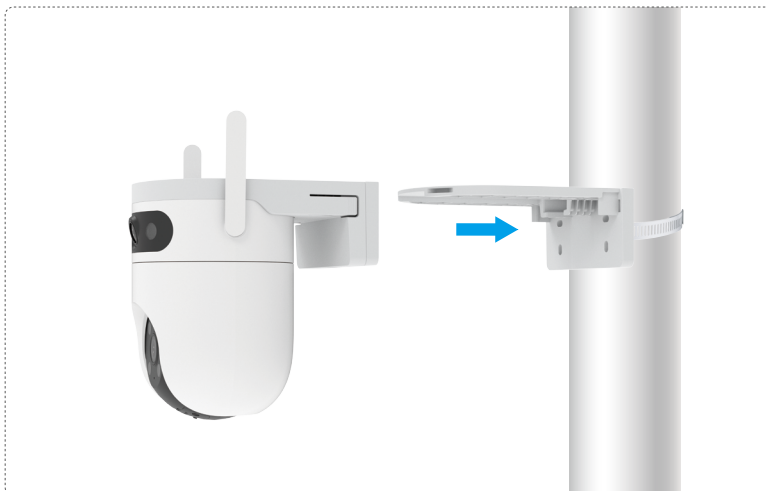


Fig. 2 Wall Mount

Pole Mount

1. Remove the protective film from the lens.
2. Use a hoop (purchase separately) to fix the mounting bracket to a pole.
3. Install the camera onto the mounting bracket until you hear a click sound, which means the camera body is completely assembled with the mounting bracket.



4. Adjust Wide-angle Lens

After installation, you can manually adjust the wide-angle lens horizontally while viewing the live feed in the EZVIZ app to optimize your monitoring coverage.

- The wide-angle lens can be manually adjusted with a 240° horizontal rotation and a 15° preset fixed tilt angle for glare-free viewing.
- If the rotation angle is larger than 120 degree, please put the antennas down and then rotate the wide-angle lens.



5. Waterproof Kit Installation (Optional)

If the camera is installed outdoors or in the humid environment, please use the waterproof kit.

1. Insert the gasket into the Ethernet port of the camera.



2. Thread A through the endcap, the gasket and the nut.



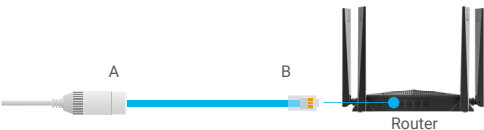
3. Thread A into the Ethernet port of the camera.



4. Tighten the nut, the Gasket and the endcap.



5. Connect B to the LAN port of the router.

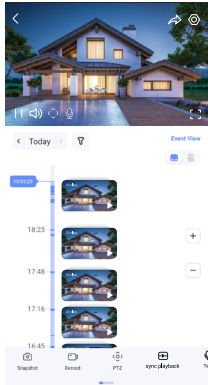


Operations on the EZVIZ App

i The app interface may be different due to version update, and the interface of the app you installed on your phone shall prevail.

1. Live View

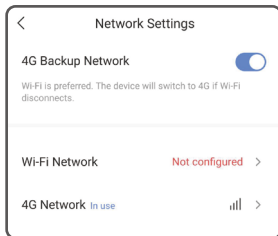
When you launch the EZVIZ app, the device page displays as shown below.
You can view and listen to a live feed, take snapshots, record videos, and choose video definition as needed.



i Swipe left and right across the screen to see more icons.

Icon	Description
	Share. Share your device with anyone you want.
	Settings. View or change the device settings.
	Snapshot. Take a snapshot.
	Record. Manually start/stop recording.
	PTZ. Tap the four arrow buttons to change the view field of your device.
	Sync playback. Tap the Sync Play to show the two pictures simultaneously.
	Talk. Tap to talk with the people in front of the device.
	Definition. Tap to select video resolution as you needed.
	Sleep. Tap to enable sleep mode, the video will stop displaying and the alarm notification will be turned off.
	Auto Patrol. Tap to enable an automatic patrol and track the target.
	360° Picture. Tap to generate a 360 degree view picture.
	Alarm. Tap the icon, and the device will make sounds and flash to deter intruders.
	Floodlight. Tap to turn on the floodlight to light up the field of view, and tap it again to turn it off.
	Nearby Device. Tap to select available nearby devices for multi-screen live view.
	PiP. View the video displayed on top of another app you are using.
	Tip. Tap to see more information about the device.
	Rearrange. Rearrange the sequence of all the functions above.

2. Network Settings



The camera supports three network connection modes: 4G, Wi-Fi, and wired network.

Once the camera is successfully added to the EZVIZ app, you can switch between 4G and Wi-Fi networks according to your actual needs.

Switching from 4G to Wi-Fi Network:

If the camera has already been added to EZVIZ app via 4G network, please operate as follows:

1. Go to Network Settings in Device Settings interface, enable the Wi-Fi Network;
2. Tap "Not configured" to complete the Wi-Fi configuration by following the app wizard.

Enable 4G Backup Network:

To enhance camera reliability in environments with network fluctuations, this camera supports 4G backup network function. After 4G Backup Network enabled, the camera can automatically switch to the 4G network when Wi-Fi network is unavailable.

- 4G network connection may incur data charges, please pay attention to the data consumption. You can tap 4G Network in Network Settings interface to view the data consumption.
- Enabling this function will improve the device's network performance, but may increase power consumption.

1. Enable 4G Backup Network.
 2. Insert a SIM card into the SIM card slot. (For detailed operations, please refer to "[Option B: 4G Connection](#)".
 3. When you hear the voice prompt "Platform registration successful", it means the camera has connected to the network successfully.
- If the camera still prompts "Connection failed", tap APN Network Configuration in Network Settings interface and follow the app wizard to finish the APN Configuration. (For APN information, please liaise with your carrier.)

1. Use Amazon Alexa

These instructions will enable you to control your EZVIZ devices with Amazon Alexa. If you run into any difficulties during the process, please refer to Troubleshooting.

Before you start, make sure that:


1. EZVIZ devices are connected to the EZVIZ app.
2. In the EZVIZ app, turn off the "Video Encryption" and turn on the "Audio" in the Device Settings page.
3. You have an Alexa-enabled device (i.e Echo Spot, Echo-Show, All-new Echo-Show, Fire TV (all generations), Fire TV stick (second generation only), or Fire TV Edition smart TVs).
4. The Amazon Alexa app is already installed on your smart device, and you have created an account.

To Control EZVIZ devices with Amazon Alexa:

1. Open the Alexa app and select "Skills and Games" from the menu.
2. On the Skills and Games screen, search for "EZVIZ", and you will find "EZVIZ" skills.
3. Select your EZVIZ device's skill, then tap ENABLE TO USE.
4. Enter your EZVIZ username and password, and tap Sign in.
5. Tap the Authorize button to authorize Alexa to access your EZVIZ account, so that Alexa can control your EZVIZ devices.
6. You will see "EZVIZ has been successfully linked", then tap DISCOVER DEVICES to allow Alexa to discover all your EZVIZ devices.
7. Go back to Alexa app menu and select "Devices", and under devices you will see all your EZVIZ devices.

Voice Command

Discover a new smart device via the "Smart Home" menu in the Alexa app or the Alexa Voice Control function. Once the device is found, you can control it with your voice. Speak simple commands to Alexa.

-  Your device's name for example: "show xxxx camera," can be changed in the EZVIZ app. Each time you change the name of the device, you will need to discover the device again to update the name.

Troubleshooting

What should I do if Alexa fails to discover my device?

Check if there are any Internet connecting problems.
Restart the smart device and re-discover on Alexa.

Why the device's status is "Offline" on Alexa?

Your device might have been disconnected from the network. Restart the smart device and re-discover on Alexa.
Check if your router is connected to the Internet and try again.

-  For details about countries where Amazon Alexa is available, see Amazon Alexa's official website.

2. Use Google Assistant

With the Google Assistant, you can activate your EZVIZ device and watch live by speaking Google Assistant voice commands.

The following devices and apps are required:

1. A functional EZVIZ app.
2. In the EZVIZ app, turn off the "Video Encryption" and turn on the "Audio" in the Device Settings page.
3. A TV with functional Chromecast connecting to it.
4. The Google Assistant app on your phone.

To get started, follow the steps below:

1. Set up the EZVIZ device and make sure it works properly on the app.
2. Download the Google Home app from the App Store or Google Play™ and log into your Google account.
3. On the Myhome screen, tap "+" in the upper-left corner, and select "Set up device" from the menu list to go to the Set up interface.
4. Tap Works with Google, and search for "EZVIZ", where you will find "EZVIZ" skills.
5. Enter your EZVIZ username and password, and tap Sign in.
6. Tap the Authorize button to authorize Google to access your EZVIZ account, so that Google can control your EZVIZ devices.
7. Tap Return to app.
8. Follow the above steps to complete the authorization. When synchronization is completed, EZVIZ service will be listed under your list of services. To see a list of compatible devices under your EZVIZ account, tap on the EZVIZ service icon.
9. Now try some commands. Use the name of the camera that you created when you set up the system.

Users can manage devices as a single entity or in a group. Adding devices to a room allows users to control a group of devices at the same time using one command.

See the link for more information:

<https://support.google.com/googlehome/answer/7029485?co=GENIE.Platform%3DAndroid&hl=en>

Q: If the camera is offline on the app, will the video recording continue?

A: If the camera is powered on but disconnected from the Internet, then local recording will continue but cloud recording will stop. If the camera is powered off, both video recordings will stop.

Q: Why the alarm is triggered when nobody in the image?

A: Configure a lower value for the detection sensitivity. Please notice that vehicle and animals are also the trigger source.

Q: The mobile phone cannot receive alarm prompts when the camera is online.

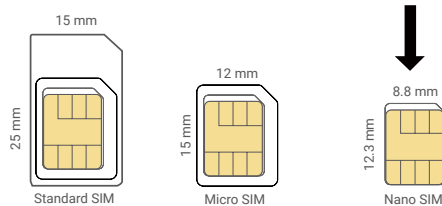
- A:
1. Make sure that the EZVIZ app is running on your mobile phone and that the Motion Detection Notification is enabled.
 2. For Android system, make sure the app is running in background; and for iOS, enable the message push function in "Settings > Notification".
 3. If still no alarm prompts, hold down the RESET button for 5 seconds restore the camera settings.

Q: Live view or playback failed.

A: Make sure that your network is well connected. Watching live videos needs a good bandwidth. You can refresh the video, or change a network and try again.

Q: What is a Nano SIM card?

A: Nano SIM cards measure 12.3 mm x 8.8 mm x 0.67 mm, making them the smallest of the three types.



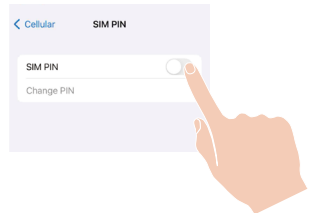
When the SIM card PIN is locked, it needs to be unlocked before being insert into the device.

Q: How to unlock the SIM PIN of my Nano SIM Card?

A: Most SIM PINs can be set up to unlock on your phone, as follows:

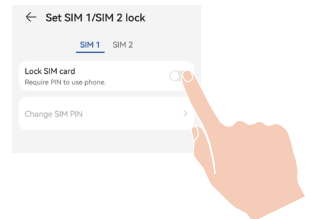
•For iOS system:

1. Insert your Nano SIM card.
2. On your phone, go to Settings > Cellular > SIM PIN.
3. Under SIM PIN, touch to disable the "SIM PIN" by entering PIN code.



•For Android system:

1. Insert your Nano SIM card.
2. On your phone, go to Settings > Security > SIM PIN.
3. Under SIM PIN, touch to disable the "SIM PIN" by entering PIN code.



If the SIM PIN cannot be unlocked or is invalid, please contact your carrier.

1 For additional information about the device, please refer to www.ezviz.com.

Initiatives on the Use of Video Products

Dear Valued EZVIZ Users,

Technology affects every aspect of our life. As a forward-looking tech company, we are increasingly aware of the role technology plays in improving efficiency and quality of our life. At the same time, we are also aware of the potential harm of its improper usage. For example, video products can record real, complete and clear images, therefore they hold great values in representing facts. Nevertheless, improper distribution, use and/or processing of video records may infringe on the privacy, legitimate rights and interests of others.

Committed to innovating technology for the good, we at EZVIZ hereby earnestly advocate that every user shall use video products properly and responsibly, thus to collectively create a positive environment where all related practices and usage comply with applicable laws and regulations, respect individuals' interests and rights, and promote social morality.

Here are EZVIZ's initiatives that we'd appreciate your attention:

1. Each individual possesses a reasonable expectation of privacy, and the use of video products should not be in conflict with such reasonable expectation. Therefore, a warning notice which clarifies the monitoring range should be displayed in a reasonable and effective manner, when installing video products in public areas. For non-public areas, the rights and interests of people involved shall be evaluated thoughtfully, including but not limited to, installing video products only after obtaining the consent of the stakeholders, and not installing highly-invisible video products without other's knowledge.

2. Video products objectively records footage of real activities within specific time and space. Users shall reasonably identify the people and rights involved in this scope in advance, to avoid any infringement of portrait, privacy or other legal rights of others while protecting themselves through video products. Notably, if you choose to enable the audio recording function on your camera, it will capture sounds, including conversations, within the monitoring range. We highly recommend a comprehensive assessment on the potential sound sources in the monitoring range, so as to fully understand the necessity and the reasonableness before you turn on the audio recording function.

3. Video products in use will consistently generate audio or visual data from real scenes –possibly including biometric information such as facial images – based on the user's selection of product features. Such data can be used or processed to use. Video products are only technological tools that do not and cannot humanly practice legal and moral standards to guide lawful and proper use of data. It is the methods and purposes of the people who control and use the generated data that make a difference. Therefore, data controllers shall not only strictly abide by applicable laws and regulations, but also fully respect non-obligatory rules including international conventions, moral standards, cultural norms, public order and local customs. Furthermore, we should always prioritize the protection of privacy and portrait rights, and other reasonable interests.

4. The video data continuously generated by video products carries the rights, values and other demands of various stakeholders. Thus, it is extremely crucial to ensure data security and shield the products from malicious intrusions. Every user and data controller shall, undertake all reasonable and necessary measures to maximize product and data security, avoiding data leakage, improper disclosure or misuse, including but not limited to, setting up access control, selecting a suitable network environment where video products are connected, establishing and constantly optimizing network security.

5. Video products have made great contributions to enhance the safety of our society, and we believe that they will continue to play a positive role in various aspects of our daily life. Any attempt to abuse these products to violate human rights or engage in unlawful activities contradicts the very essence of the value in tech innovation and product development. We encourage every user to establish your own methods and rules to evaluate and monitor the use of video products, so as to ensure that these products are always used properly, thoughtfully and with goodwill.