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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).

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Important Safety Instructions

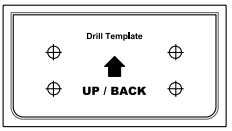
Important!

1. The retinal blue light hazard of the product's spotlight at a distance of 200 mm is classified as Class 1 danger. Please do not stare at the illuminated spotlight, as it may result in eye damage.
2. The product's spotlight may have hazards of light radiation, and the safe distance is approximately 0.3 m.
3. Without appropriate protection such as wearing sunglasses, when installing or maintaining the product, you need to keep the safe distance or stay in an area where the light source cannot directly shine before turning on the light.

Overview

1. Package Contents

Camera (×1)



Drill Template (×1)

Power Cable (×1)

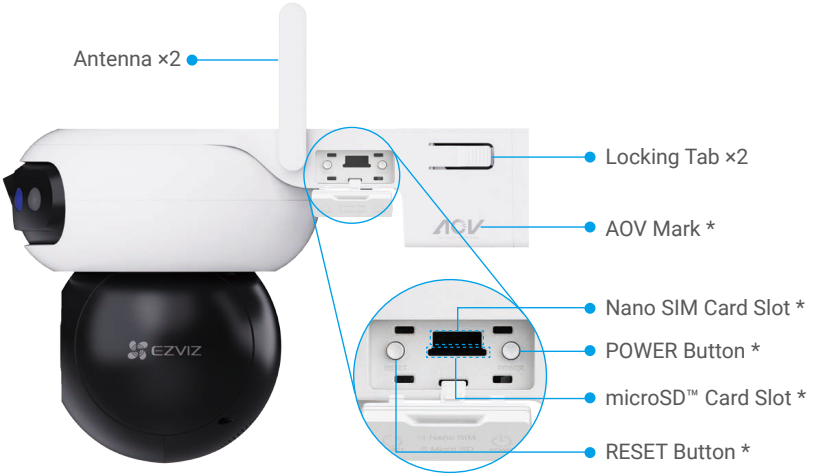
Screw Kit (×1)

Regulatory Information (×3)

Quick Start Guide (×1)

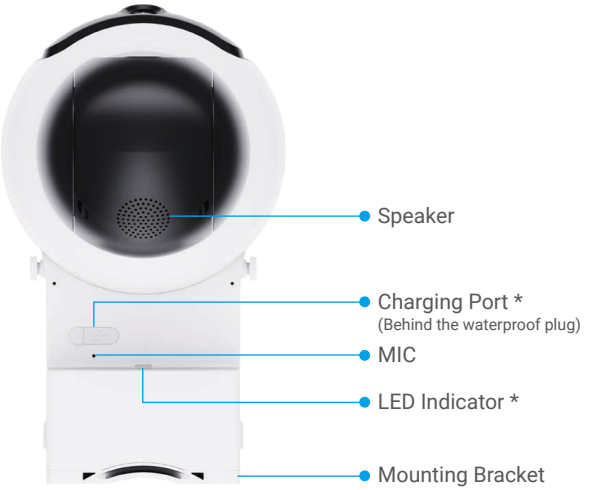
2. Basics

Name	Description
Red/Blue Lights	• Alarm After adding the camera to EZVIZ app, you can enable alarm on the camera's live view page. The red/blue lights flash in red and blue alternately. • Intelligent Detection After adding the camera to EZVIZ app, you can enable the intelligent detection (for details, refer to the "Intelligent Detection Settings"). When detection is triggered, the camera will produce corresponding visual notifications based on the parameters set in the "Light Settings". ⓘ To ensure that intelligent detection functions properly, enable the corresponding lights in EZVIZ app under Settings > Light Settings.



Open the Cover

Name	Description
AOV Mark	It means the device is equipped with EZVIZ's latest Always-On Video (AOV) feature to enable 24/7 recording on a battery-powered camera for extended peace of mind.
Nano SIM Card Slot	Insert a valid Nano SIM card (purchase separately) into the card slot.
POWER Button	• Power on: Press and hold for 2 seconds. • Power off: Press and hold for 4 seconds.
microSD™ Card Slot	• 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.
RESET Button	When the camera is working, press and hold the button for 4 seconds to restart and set all parameters to default.



Name	Description
Charging Port	For charging the camera.
LED Indicator	Solid Blue: Camera starting up or being live viewed in the EZVIZ app.
	Slow-flashing Blue: Camera running properly.
	Fast-flashing Blue: Camera ready for network configuration.
	Slow-flashing Red: Network exception.
	Fast-flashing Red: Camera exception. / Battery low.
	Solid Green: Camera fully charged.
	Slow-flashing Green: Camera in charging.

Setup

1. Get the EZVIZ App

Before downloading the app:
- If the app is already installed, verify that it is the latest version by checking for updates in your app store.
- If the app is not installed, follow the steps below to download it.

1. Connect your mobile phone to Wi-Fi (suggested).
2. Download the EZVIZ app by searching "EZVIZ" in the App Store or Google Play™.
3. Register an EZVIZ account and log in to the app.

EZVIZ App	
Download on the App Store	GET IT ON Google Play

2. Power on the Camera

1. Remove the cover on the camera.
2. Press and hold the POWER button for 2 seconds to power on.

3. Reattach the cover.

Add Camera to EZVIZ

Connect the camera to a Wi-Fi or 4G network, then add it to the EZVIZ app.
- Wi-Fi configuration: configure Wi-Fi settings. Refer to "Option A: Wi-Fi Setup".
- 4G connection: activate 4G connection via SIM card. Refer to "Option B: 4G Setup".

Network priority: Wi-Fi > 4G network.

Option A: Wi-Fi Setup

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

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

You can also directly enter the device SN for adding.

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

It is recommended to enable the 4G network to keep the camera always online (For 4G network connection, please refer to "Option B: 4G Setup"). Please note that this operation may consume a small amount of cellular data.

Option B: 4G Setup

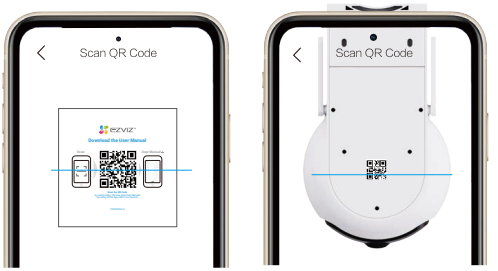
Using a 4G network may incur data charges. It is recommended to monitor your data usage regularly in Network Settings > 4G Network.

1. Remove the cover on the camera.
2. Insert a 4G Nano SIM card (purchase separately) into the Nano SIM card slot as shown in the figure below.

3. Reattach 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.

4. Log in to your EZVIZ app.
5. On the Home screen, tap "+" in the upper-right corner to go to the Scan QR Code page.
6. Scan the QR code on the Quick Start Guide cover or on the body of the camera.



You can also directly enter the device SN for adding.

7. Follow the EZVIZ app wizard to add the camera.

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

Camera Installation

1. Install a microSD™ Card (Optional)

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

3. Reattach the cover.

After installing a microSD™ card, please follow the steps below to initialize the card in the EZVIZ app before using it.
1. In the EZVIZ app, tap "Record List" in the device Settings page to check the microSD™ card status.
2. If the microSD™ card status shows as Uninitialized, tap to initialize it. The status will then change to In Use, allowing videos to be stored.

2. Charge the Camera

- Please do not charge the camera when the temperature exceeds 45°C or falls below 0°C.
- When charging, the camera will be automatically turned on.

Method 1 Power Adapter Charging

For initial use, it is recommended to fully charge the camera with a power adapter.

1. Open the waterproof plug.
2. Connect the camera to a power outlet with the included power cable and a power adapter (DC5V 2A, purchase separately) for charging.

- It is not allowed to charge the camera with power adapter outdoors.
- For disconnection from power supply, unplug the power connector from the device.

3. After charging is complete, ensure the waterproof plug at the charging port is securely sealed to prevent moisture ingress or water damage.

Method 2 Solar Panel Charging

If you purchased the kit, the solar panel is provided together with the camera, otherwise, the solar panel is purchased separately. For detailed charging operations, please refer to *8w solar panel user manual*.

If you plan to use solar panel for continuous outdoor operation, follow the steps below to charge the camera.

1. Complete the installation. (For detailed operations,please refer to "Installation").
2. Connect the solar panel's output power cable to the camera's charging port. We hereafter use the wall mounted camera for illustration.

3. Choose an Installation Location

Choose a location with a clear, unblocked field of view and with a good wireless signal. Please keep the following tips in mind.

- Make sure the wall is strong enough to withstand three times the weight of the camera.
- Recommended installation height: 8.2 - 9.8 feet (2.5 - 3 meters) above the ground.

Important Notes on Reducing Too Many Alarms:

- Do not install the camera under strong light conditions, including sunshine, bright lamp lights, etc.
- Do not install the camera near any outlets, including the air conditioner vents, humidifier outlets, the heat transfer vents of projectors, etc.
- Do not install the camera at places with strong wind.
- Do not install the camera in front of a mirror.
- Keep the camera at least 1 meter away from any wireless devices, including Wi-Fi routers and phones to avoid wireless interference.

4. Installation

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

Before installation, please remove the protective film from the lens.

Press the locking tabs on both sides of the mounting bracket, while gently pulling the mounting bracket outward with your other hand to release it.

Ceiling/Wall Mount

1. Stick the drill template onto a clean and flat surface.
2. (For cement ceiling/wall only) Drill screw holes according to the template, and insert anchors.
3. Use screws (PA4×25) to fix the mounting bracket on the installation surface.
4. Install the camera onto the mounting bracket until you hear a click sound, which means the device body is completely assembled with the mounting bracket.

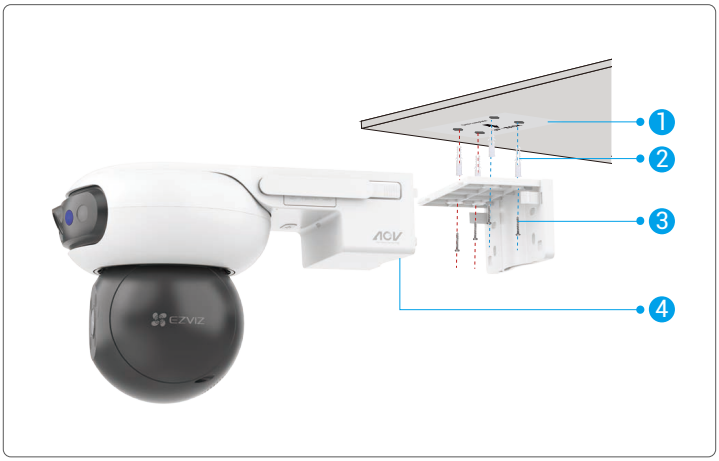


Fig. 1 Ceiling Mount

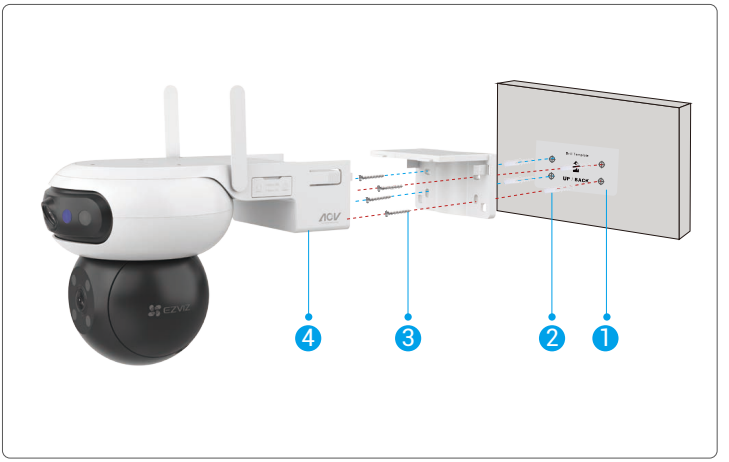


Fig. 2 Wall Mount

When ceiling mounted, if the device is installed under the eaves, it is recommended that the distance between the device and the eaves is less than 20 cm to avoid wall reflections at night that may affect image quality.

When wall-mounted, ensure the camera is installed at least 30 cm below the top of the wall to avoid wall reflections at night that may affect image quality.

Pole Mount

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

5. Adjust Camera View

After the installation is finished, to achieve a good monitoring, you can adjust the camera's lens angle by viewing the realtime preview screen on the EZVIZ app.

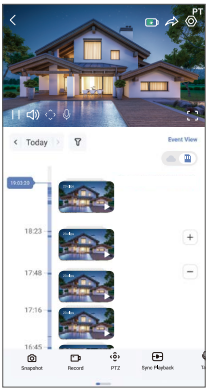
- Wide-angle lens: supports horizontal adjustment on EZVIZ app, and manual vertical adjustment (as shown in the figure below).
- PTZ lens: supports adjustment in all directions (up, down, left, and right).

View Your Device

The app interface may be different due to version update.

1. Live View

Launch the EZVIZ app, tap the device card of this peephole to enter the device page. Then tap the Live View button to enter the live view page where you can view and listen to a live feed, take snapshots, record videos, and select a video resolution as needed.



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

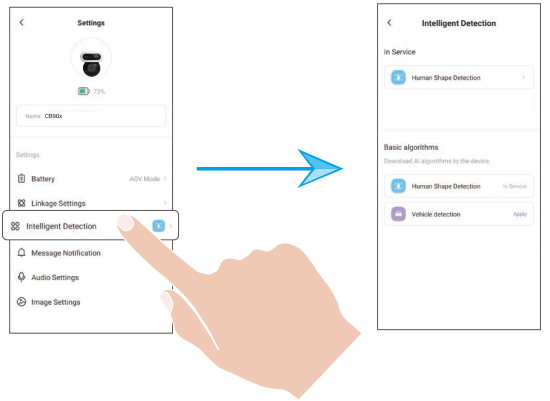
Icon	Description
	Battery. View the battery remaining capacity.
	Share. Share your device with anyone you want.
	Settings. View or change the device settings.
	Snapshot. Take a snapshot.
	Record. Manually start/stop recording.
	PTZ. Rotate the camera to get broader field of view.
	Talk. Tap to talk with the people in front of the device.
	Sync Playback. Tap to view both wide-angle and PTZ lens images at the same time.
	Mono Play. Tap to select the wide-angle image or PTZ lens image, the live view will display the corresponding lens image only.
	View Where You Tap. Tap anywhere on the wide-angle image to automatically direct the PTZ lens to zoom into the selected area, capturing precise close-up details for enhanced monitoring.
	Definition. Tap to select a video resolution.
	Alarm. Tap the icon, and the device will make sounds and flash to deter intruders.
	Nearby Device. Tap to select available nearby devices for multi-screen live view.
	PiP (Picture-in-Picture). Tap to watch the video over other apps.
	Tip. Tap to see more information about the device.
	Rearrange. Rearrange the sequence of all the functions above.

2. Intelligent Detection Settings

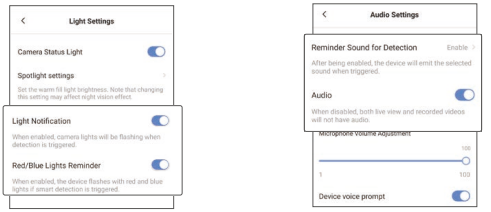
The device supports intelligent detection. Please follow the steps below to configure it.

1. Go to device Settings > Intelligent Detection.
2. Tap "Apply" to enable the specific AI algorithms for your device.

After you enable an AI algorithm, tap on it to configure relevant parameters, such as setting detection areas for different lenses and selecting detection sensitivity.



3. After completing the intelligent detection settings, return to the device settings page. Tap "Light Settings" to enable corresponding light notifications, and "Audio Settings" to enable audio settings as needed.



The camera will produce corresponding audible and visual notifications based on the parameters set in the "Light Settings" and "Audio Settings" under the following conditions:

- A human shape is detected in the live view (if "Human Shape Detection" is enabled).
- A vehicle is detected in the live view (if "Vehicle Detection" is enabled).

EZVIZ Connect

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

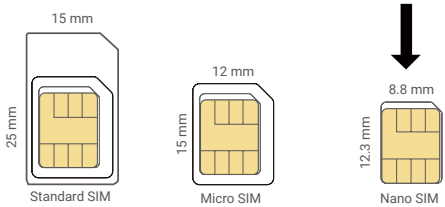
FAQ

Q : If the camera shows 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: What is a Nano SIM card?

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



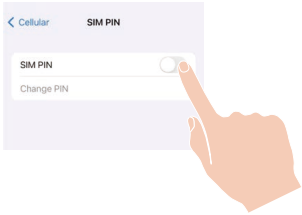
When the SIM card PIN is locked, it needs to be unlocked before being insert into the device.

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:

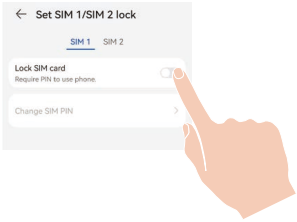
•For iOS system:

1. Insert your Nano SIM card.
2. On your phone, go to Settings > Cellular > SIMs > 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 > More Settings > 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.

Q : Why does the device video frequently lag, freeze, or experience repeated Wi-Fi drops?

A : The currently connected Wi-Fi signal is weak or interfered with, resulting in unstable data transmission.
It is recommended to switch the device to a 4G network.

1. Go to device Settings > Network Settings, enable 4G Network and disable Wi-Fi Network.

   You can enable both 4G Network and Wi-Fi Network simultaneously. This improves the camera's network performance but may lead to increased power consumption.

2. Insert a 4G Nano SIM card into the Nano SIM card slot. (For detailed operations, please refer to "Option B: 4G Setup".)
3. When you hear the voice prompt "Platform registration successful", it means the camera has connected to the 4G network successfully.

Q : Why is the 4G network data consumed too quickly?

A : If your device is installed in a location with available Wi-Fi network, it is recommended to switch to Wi-Fi network to save data.

1. Go to device Settings > Network Settings, enable Wi-Fi Network.
2. Tap "Not configured" to complete the Wi-Fi configuration by following the app wizard.

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

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.

Appendix

1. Rechargeable Lithium Ion Battery

The battery type of the device: rechargeable lithium ion battery pack.
Battery model: PH18650-7
Rated voltage: 3.65 V
Rated capacity: 10400 mAh/3796 Wh
Battery manufacturer: Phenix New Energy (Huizhou) Co., Ltd.

Hazardous Ingredients (Chemical Name)	CAS No.	Weight (%)
Nickel-cobalt-manganese lithium	346417-97-8	36.6
Graphite	7782-42-5	19.8
Acetylene black	1333-86-4	0.9
Lithium hexafluorophosphate	21324-40-3	2.0
Ethvlene carbonate	96-49-1	2.0
Ethyl methyl carbonate	623-53-0	1.0
Dimethyl carbonate	616-38-6	6.8
Copper	7440-50-8	7.6
Aluminum	7429-90-5	3.5
Iron	7439-89-6	17.3
Others	/	2.5

2. Information for Private Households

1. Separate collection of waste equipment: Electrical and electronic equipment that has become waste is referred to as waste equipment. Owners of waste equipment must dispose of it separately from unsorted municipal waste. In particular, waste equipment does not belong in household waste, but in special collection and return systems.
2. Batteries and rechargeable batteries as well as lamps: Owners of waste equipment shall, as a rule, separate waste batteries and rechargeable batteries that are not enclosed in the waste equipment, which can be removed from the waste equipment without being destroyed, from the waste equipment before handing them in at a collection point. This does not apply if waste equipment is prepared for reuse with the participation of a public waste management authority.
3. Options for returning waste equipment: Owners of waste equipment from private households can return it free of charge to the collection points of the public waste management authorities or to the take-back points set up by manufacturers or distributors within the meaning of the Electrical and Electronics Equipment Law. Stores with a sales area of at least 400 m² for electrical and electronic equipment and those grocery stores with a total sales area of at least 800 m² that offer electrical and electronic equipment several times a year or on a permanent basis and make it available in the market are required to take it back. This also applies in the case of distribution using means of distance communication, if the storage and shipping areas for electrical and electronic equipment are at least 400 m² or the total storage and shipping areas are at least 800 m². Distributors shall, in principle, ensure take-back by providing suitable return facilities at a reasonable distance from the respective end user. The possibility of returning waste equipment free of charge exists for distributors who are obliged to take it back, among other things, if a new similar device that essentially fulfills the same functions is delivered to an end user.
4. Privacy Notice: Waste equipment often contains sensitive personal data. This applies in particular to devices of information and telecommunications technology such as computers and smartphones. In your own interest, please note that each end user is responsible for deleting the data on the waste equipment to be disposed of.
5. Meaning of the symbol "crossed-out wheelie bin": The symbol of a crossed-out wheelie bin regularly depicted on electrical and electronic equipment indicates that the respective device is to be collected separately from unsorted municipal waste at the end of its service life.