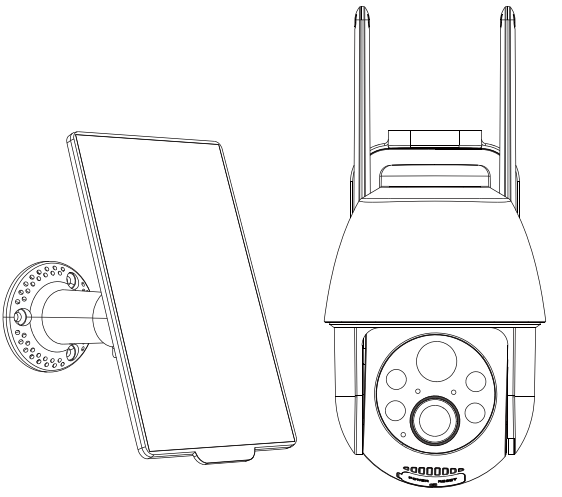
User Manual

PTZ Battery-Powered Security Camera



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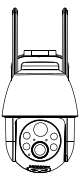
Warning

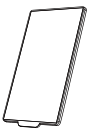
1. Please charge the camera before installation and use!
2. Do not use DC power to charge the camera below 0°C/32°F.
3. Please leave the camera at room temperature for 8 hours before charging with DC.
4. Please use the 5V adapter to charge the camera.

Tips: Solar panel charging is not affected by temperature.

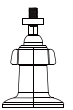
Packing List



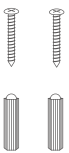
Camera*1



Solar panel*1



Solar panel Bracket*1

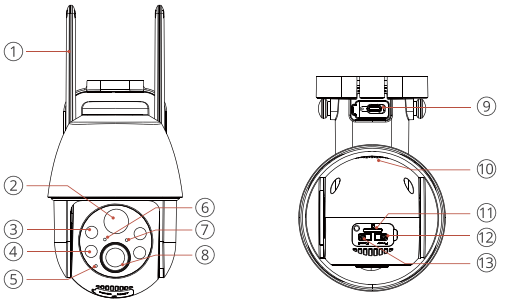


Mounting kit*1

Charging cable*1

User Manual*1

Product Description



1	Antenna	8	Lens
2	PIR Sensors	9	Dedicated Charging Port
3	Spotlight	10	Speaker
4	IR Light	11	SD Card Slot
5	Microphone	12	Power Button
6	Charging Indicator	13	Reset Button
7	Working Status Light		

Power Button	Press and hold for 5s for power on/off the camera
Reset Button	Long press for 5s until hearing the "Boogu" sound to reset the camera
Micro-SD Card slot	Support local SD card storage (up to 128G)
Charging Indicator	Red means charging; Blue means fully charged.
Working Status Light	Solid on red: Network is abnormal
	Slow flickering red: Enter pairing mode, awaiting Wi-Fi
	Fast flickering red: Wi-Fi connecting
	Solid on blue: Wi-Fi connected successfully, the camera running normally
Dedicated Charging port	Use 5V power adapter to charge this camera

APP Installation and Account Registration

Download"CloudEdge"APP

Method 1: Search **"CloudEdge"** in APP Store(iOS)or Google Play(Android).

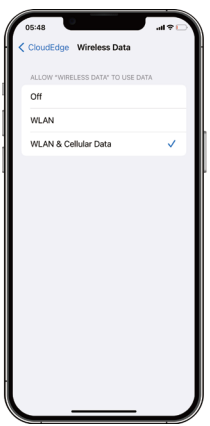
Method 2: Scan the QR Code to directly download the APP.

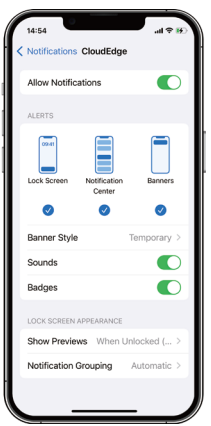
Please use your phone's camera or Google Chrome to scan the QR code.
ATTENTION: Other methods or APP may put your privacy at risk.

Tips: Please turn on two permissions below when you use this app for the first time.

1. Allow "**CloudEdge** " access to mobile cellular data and wireless LAN, or you will be unable to add the camera.

2. Allow "**CloudEdge** " to receive push messages, or the phone will not receive notifications when motion is detected or the audible alarm is triggered.



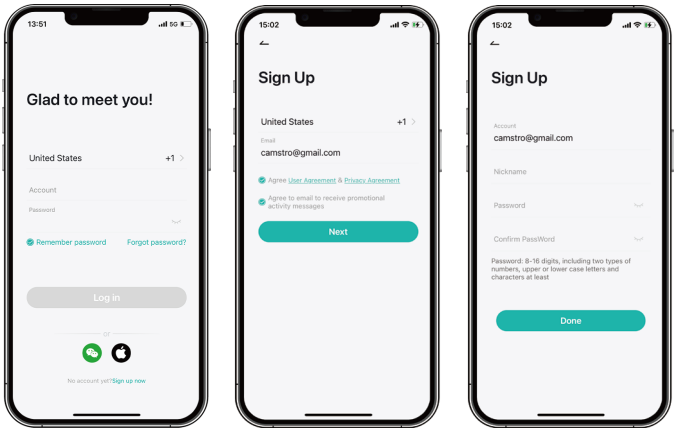


Account Registration

1. Open the APP, click **"Sign up now"** to register. If you already have an account, click **"Log In"** to log in.

2. Choose your current country. (Different registered regions can not share the camera)

3. Input a legal email address, then enter the nick name andpassword.



Add the Camera to the APP

Before Using:

1.Before adding a device, make sure that the device is in the state of slow flashing of red light. If the indicator status is abnormal, please restore the device to factory settings. (long press and hold the device RESET button until you hear the 'boogu'Sound)

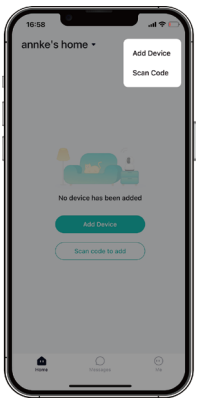
2.Check if you turn on the Bluetooth of your cellphone and connect the phone to the Wi-Fi to which you want the camera to connect. (After finishing setup, you could turn it off them)

3.Put the camera and smart phone 1-1.6ft (30-50cm) away from the router to set Wi-Fi.

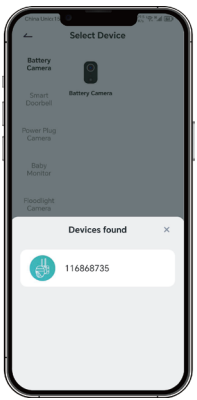
4.Please make sure the Wi-Fi the camera connected is 2.4 GHz In our experience, network connection is failed in most cases, which is failed in most cases when users use 5GHz WIFI

5. Make sure the password correction of the Wi-Fi. (Note: the password of the WiFi cannot include single quote, underline, space and splashes(/).

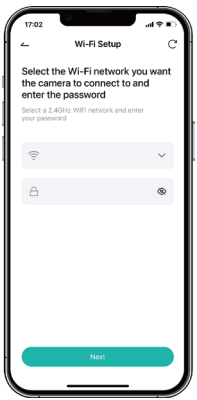
Method 1: Bluetooth Setup (RECOMMENDED)



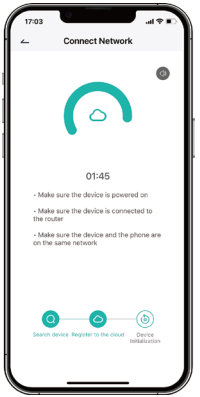
Click “Add Device”



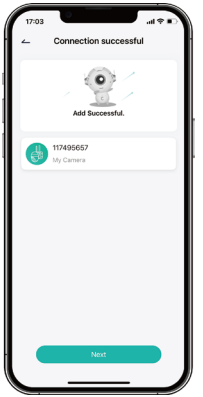
Choose the Bluetooth device



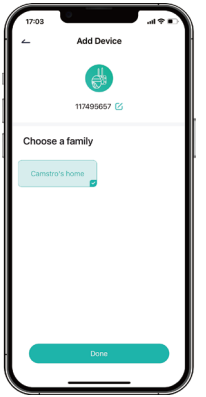
Choose the wanted nearby WiFi and enter the WiFi password



Wait for connection

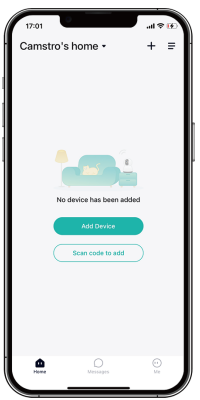


Connection successful

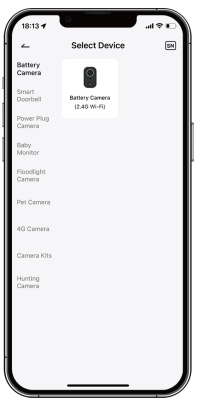


Product adding succeeded

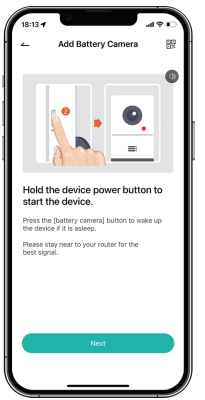
Method 2: Scan Cade to Connect



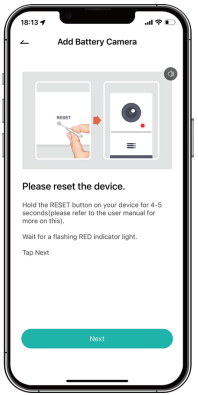
Tap '+' to Add Device



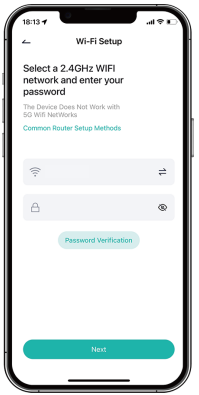
Select Battery Camera



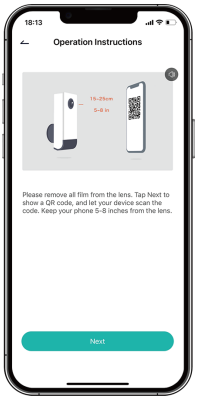
Switch on Camera



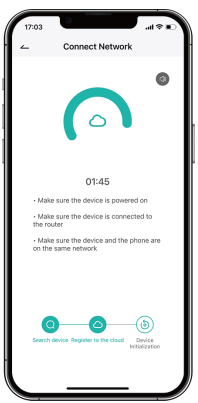
Reset Device



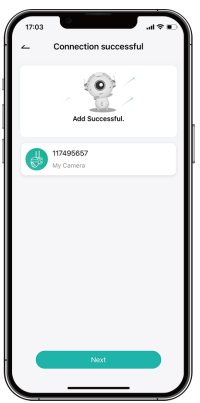
Input Wi-Fi Password



Scan QR Code



Wait for Connection

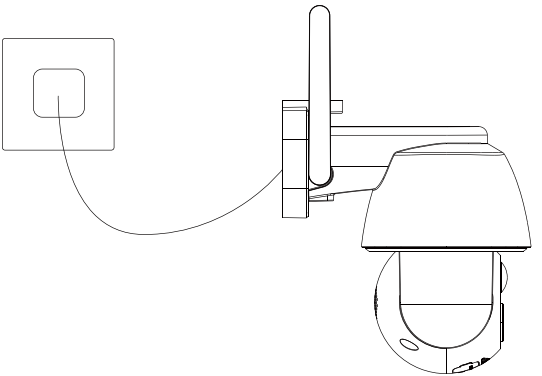


Device Added

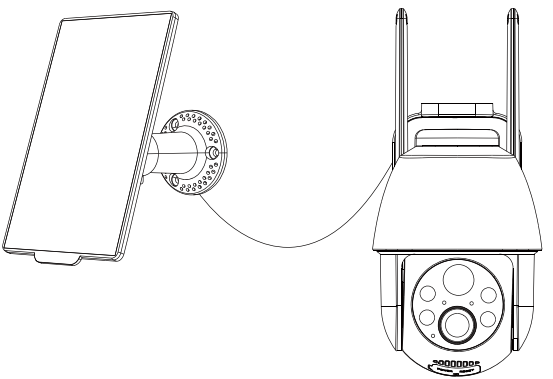
Charge the Battery

1.Charge the battery with a DC5V power adapter.

The battery is a built-in battery and cannot be removed.



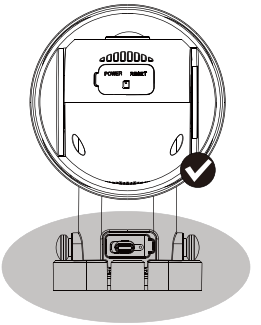
2.Charge the battery with the Solar Panel.



3.For the weatherproof performance, always cover the dedicated charging port with the rubber plug after finishing charging the battery.

Charging indicator:

Red LED: Charging
Blue LED: Fully Charged



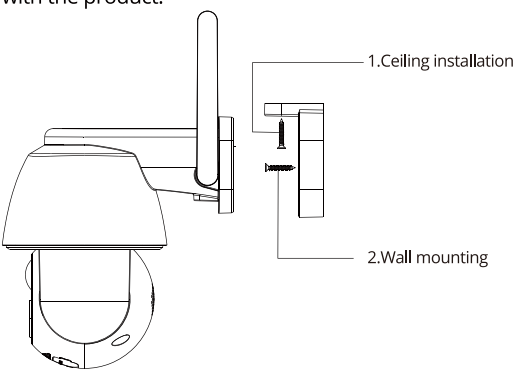
Installation Guides

Please fix the bracket, then install the camera.

1. Mark the perforated position on the wall

2. If it is a wooden wall, you can use the nails provided with the product to fix the bracket to the wall.

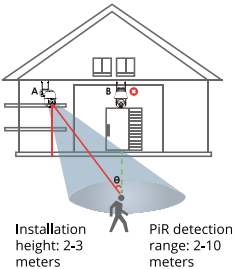
3. If it is cement wall or ceramic tile wall, please use an electric drill to drill a hole in the wall and then install the bracket with the expansion screw provided with the product.



Other Mounting Methode

1. Install the camera 2-3 meters (7-10ft) above ground. The detection range of the motion sensor would be maximized at such a height.

2. For effective motion detection, please install the camera angularly.



Tips: If a moving object approaches the PIR sensor vertically, the camera may fail to detect motion.

Important Notes on Reducing False Alarms

1. Do not face the camera towards any objects with bright lights, including sunshine, bright lamp lights, etc.

2. Do not place the camera near any outlets, including the air conditioner vents, humidifier outlets, the heat transfer vents of projectors, etc.

3. Do not install the camera at places with strong wind.

4. Do not face the camera towards a mirror.

5. Keep the camera at least 1 meter away from any wireless devices. including Wi-Fi routers and phones in order to avoid wireless interference.

6. Set the camera to detect humans only. Tap camera setting> Alarm Management>Humaniod Detection.

FAQs

Q:Fast power consumption?

A:1. Poor wifi coverage (for example, a signal is below 75%) will increase power consumption.

2. The PIR trigger frequency is high, and the power consumption will increase when the infrared light/ white light is on at night;

3.The mobile phone often accesses the camera remotely, which will increase the power consumption.

4. For the first use, it is recommended to use the power to 10%, and then charge it to 100%, which is helpful for the health of the lithium battery.

Q:Update router or Wi-Fi password?

A:Delete the camera from your CloudEdge account. After resetting the device, use the new Wi-Fi and password to add it again.

Q:The device prompts offline?

A: 1.Check whether the equipment is in the power-on state, and observe whether the working light of the equpment is on normally.

2.Confirm that the current location has good wifi coverage and the network is stable, make sure that the wifi signal is above 75%.You can try to use the third-party wifi analysis tool "wifi analyzer" to analyze the current wifi signal coverage and interference status. If the coverage is poor and the interference is large, it is recommended to replace the camera installation position or adjust the router position or use a second-stage router.

3.If the device is located far away from the router, which results in the inability to obtain a good Wi-Fi signal, it is recommended to move the router to a closer place or ensure the Wi-Fi signal strength is to be over than 85% to improve the Wi-Fi performance of the home.

4.Delete the camera from your CloudEdge account and add it again after resetting the device. Check whether the device firmware and application program are the latest version.

5.Avoid using wifi extenders.

Q:Alarm push frequently?

A:1.In the app, lower the sensitivity of the motion detection alarm.

2.Check whether there are objects that interfere with and trigger the PIR sensor in the field of view of the device, such as the outdoor unit of the air conditioner, driving cars, passing pedestrians, etc. The angle of the device can be adjusted appropriately to avoid these easily disturbing objects.

3.Turn on 'human motion detection" and use humanoid algorithm to filter useless alarms.

Q:How far should the camera be placed from the router?

A:After testing, the Wi-Fi connection distance can reach up to 492ft in the open area normally. However, the actual situation depends on the strength of Wi-Fi and its surrounding environment(thick walls, electromagnetic devices, large metal objects will all cause interference to the Wi-Fi signals). If the camera connection signal is weak or unstable.please place the camera as close to the router as possible.

Q:Device doesn't detect motion events?

A:1.In the case of unstable network, the message may not be pushed in time after the PIR is triggered. In this case, you can first confirm the network status and remove the camera to verify and confirm in an environment with good network coverage.

2. Inappropriate installation position will result in PIR not triggering and not detecting. If the position is too high, the object is too far away, or the object is too small, the camera will not trigger, try to adjust the installation position according to the trigger requirements.

Q:Why can't I receive push notifications to my phone?

A:Firstly, please make sure that " Receive Alert Notifications " turned on in your APP. Secondly, check your phone settings, and allow the APP to push notifications to your phone. Thirdly, please make sure the APP is running the background to receive notifications(Android system)

Q:SD card not recognized?

A:1. Support capacity is 16 ~ 128GB TF card.

2. Before use, make sure to format the TF card as FAT32 or exFAT file system on the computer, then insert it into the camera, and finally perform the format memory card operation on the camera again.

3. If the TF card is not recognized during use, it is generally a quality problem of the TF card, and it is necessary to replace the memory card with more stable reading and writing capacity.

For more detailed FAQS, please log in to the APP, search in "Me"-"Help"-"Battery Camera"

About the User Manual

The manual is only applied to our relevant products. This manual contains the product information and instructions. The icons, pictures, and some other information contained in the manual are for description and explanation only. Please refer to the actual products if there is a discrepancy. Mistakes may exist in the manual due to inevitable typographical and printing factors. Please refer to the real products. Furthermore, the information in this manual might be upgraded because of some reasons such as technical upgrading, without prior notice. For more details, please contact our support team or download the latest version of user manual from our official website.

Legal Disclaimer

REGARDING TO THE PRODUCT WITH INTERNET ACCESS, THE USE OF PRODUCT SHALL BE WHOLLY AT YOUR OWN RISKS. OUR COMPANY SHALL NOT TAKE ANY RESPONSIBILITES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER ATTACK, HACKER ATTACK, VIRUS INSPECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, OUR COMPANY WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED. SURVEILLANCE LAWS VARY BY JURISDICTION. PLEASE CHECK ALL RELEVANT LAWS IN YOUR JURISDICTION BEFORE USING THIS PRODUCT IN ORDER TO ENSURE THAT YOUR USE CONFORMS THE APPLICABLE LAW. OUR COMPANY SHALL NOT BE LIABLE IN THE EVENT THAT THIS PRODUCT IS USED WITH ILLEGITIMATE PURPOSES.
IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATER PREVAILS.

Regulatory Information

FCC Conditions
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
RF Exposure Warning Statements:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2004/108/EC, the RoHS Directive 2011/65/EU and Amendment (EU)2015/863.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

Safety Instruction

These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss.The precaution measure is divided into "Warnings" and "Cautions"

Warnings: Serious injury or death may occur if any of the warnings are neglected.
Cautions: Injury or equipment damage may occur if any of the cautions are neglected.

	Cautions: Follow these precautions to prevent potential injury or material damage.
	Warnings: Follow these safeguards to prevent serious injury or death.

Warnings

• Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
• In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. Please refer to technical specifications for detailed information.
• Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source with 100~240 VAC or 12 VDC according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.
• Do not connect several devices to one power adapter as adapter overload may cause over-heating or a fire hazard.
• Please make sure that the plug is firmly connected to the power socket.
• If smoke, odor or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

Preventive and Cautionary Tips

Before connecting and operating your camera, please check the below important preventive & cautionary tips:

• Please install the camera away from the elderly and children, so as not to cause electrical injury.
Ensure the electric safety to avoid fire caused by current overload.
• Do not drop the camera or subject it to physical shock.
• Do not touch the camera lens with fingers. If cleaning is necessary, use a clean cloth with a bit of ethanol and wipe it gently.
• Do not aim the camera to the sun or extra bright positions. Blooming or smearing may occur otherwise (which is not a malfunction), and affect the lifespan of the sensor at the same time.
• The camera sensor may be burned by a laser beam, so when any laser equipment is in use nearby, make sure that the camera lens will not be exposed to the laser beam.
• Do not place the camera in extremely hot, cold or dusty environments, and do not expose it to high electromagnetic radiation.
• To avoid heat accumulation, good ventilation is required for the operating environment.
• Indoor Pan Tilt Camera is designed for indoor use only.
• Outdoor Bullet Camera and Mini Pan Tilt Dome Camera supports dustproof and waterproof. Ideal for outdoor use .Please make sure to fix it firmly. Avoid injury from falling.

For more information,
please visit :

www.camstro.com

Shenzhen Kean Digital Co., Ltd.

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Tech Support:support@camstro.com

FCC ID: 2AKL2K55IPC

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UK	REP	THEMIS AR support ltd 85 Great Portland St, London, United Kingdom, W1W 7LT
EC	REP	THEMIS AR Unterstützung UG Beedstrasse 54, In Dusseldorf, (40468), Deutschland