

LSVISION WIT-S20 4G LTE Cellular Security Camera User Manual

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Standard 4G sim card

1. Remove the standard 4G nano sim card.
2. Insert the 4G SIM card into the camera SIM card slot.

How to recharge the traffic of a 4G SIM card.

1. On the application homepage, select the corresponding camera and click on Settings.
2. Select 4G data service.
3. Click to recharge.
4. Select the 4G package you need to purchase and make the payment

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Product Details

Package Included

Install the camera

Integrated installation steps

1. Install a universal bracket on the solar panel, tighten the hexagon screw and hexagon wrench with the socket.
2. Install the solar panel on the camera and fix the camera with a screw.
3. The charging line of the solar panel is connected to the USB interface of the camera.

Split installation step

1. Install a universal bracket on the solar panel, tighten the hexagon screw and hexagon wrench with the socket.
2. Install the split bracket on the solar panel and tighten the bracket with screws.
3. Close the lid.
4. Connect the charging cable of the solar panel to the USB interface of the camera

Pre-installation step

1. Insert the SIM 4G card and SD card.
2. After booting, you can connect to the app. You can set the camera function according to your preference.
3. After fully charging with a USB charging cable, the camera can be installed in the desired location.

Installation location

Recommended height to install the camera

We recommend that you install the camera about 8ft high. You can adjust the angle of your camera according to the live view on the mobile phone to let your camera to detect a wider area and capture more motion detection events

If your camera get numerous motion alerts unexpected

Adjust camera angle

1. Please adjust your camera installation angle a bit down to focus the motion area.
2. Please change your PIR sensitivity to Low to reduce the PIR sensitivity.
3. Do not install the camera with nearby bushes, shrubs.grasses and tree leaves coming into the PIR range.

Solar panel installation location

Please pay attention to the location of the solar panel, do not have leaves, eaves and other objects to cover. Ensure that solar panels are directly exposed to sunlight for a long time.

If you notice that the surveillance camera does not trigger recording even though it detects a person, you can

attempt increasing the settings for PIR sensitivity. This setting can be found in the corresponding options, and you should adjust it to the highest value

Step of APP Connection Camera

When preparing a pairing camera, make sure that the 4G SIM card has traffic, the signal is strong and within the validity period.

Download the app (works only with iOS & Android devices)

Please locate the "Ubox" in your Google Play store or App store to download the Ubox App

Register an account

Open the App, click "register" choose your country and input your email. set a password for your account

Prepare a 4G SIM card from either Verizon, AT&T or T-Mobile, ensure that the 4G SIM card has an activated data plan, and make sure the camera is installed within the 4G network coverage area of the carrier.

Precautions before the APP connects the camera

Insert the SIM card, if you need to use a memory card to store video, you can insert the memory card first.

Open the switch of the camera.

Then you will hear the following sound "The camera is now ready to begin pairing", the LED light of the camera will flash red once, and then flash blue. (If you don't hear the prompt sound, please press the reset key to reset the camera.)

App connection steps

1. Click "Add a device" and then choose "Setup 4G Device", click "Yes".
2. The QR code connecting the camera on the body (the QR code on the fuselage is the only connection logo of the camera, please do not tear it.) Select the camera name and click Next.

Congratulations! Now you can live view the camera on your phone anytime and anywhere.

1. Before connecting and turning on, make sure that the SIM card can be used normally and the data signals are strong,
2. After booting, long press the reset key, reset and connect the camera again. Use a 5V charger when charging. If the voltage is too high, the camera will be damaged.
3. In addition, before pairing, please confirm the status of the camera light:
 1. Red lights are always on: The signal is too poor to enter the Internet. Please check whether the antenna has installed or adjusts the location and direction of the device.
 2. Red light and blue lights flickered alternately (500ms red, 500ms blue): No SIM card is recognized, please confirm whether the SIM card is properly inserted
 3. Red lights and blue lights slowly flashed (2s red, 2s blue): Identify the SIM card is in arrears or stop, please recharge or replace the SIM card.

4. Red lights and blue lights flashed at the same time (1s red blue, 1s extinguishing light): The network access failed, you need to configure APN, please contact customer service.

APP Interface Introduction

Push mode

This icon indicate that the push mode is on,click it to turn off push mode and then you cannot receive any notifications.

Cloud storage

The video clips will save in the Cloud Cloud video length is 10 seconds defaulted and free for 30 days. And you have to pay for the service per month or other cloud service.

Sharing permissions

When you can use your camera properly, you can start to share your camera to your friends or family members. Click "Setting"and choose "share permissions" input the account that you want to share with. Choose a permission from Administrator, family member, visitor or custom.

How to delete your camera

Please don't forget to unbind your camera from your app when you plan to return the camera, to avoid any personal information disclosure risk. Please unbind your camera as following steps, click"Setting"and then choose "Delete device".

APP main interface introduction

Introduction to the main interface of the camera

Function interpretation:

1. Infrared or white light mode: When it is a light bulb icon, it will light up when motion is detected at night, and the screen will be colored. The light will not turn on when the infrared icon is on, and the screen is black and white
2. Storage path switching Click to playback videos saved in cloud storage. And switch to the video stored in the SD card.
3. Manual Recording Click to manually record and the videos will be saved to your phone and Ubox album
4. Two-way Audio: Click to speak to visitor side and hear what they say
5. Screenshot Click to screen capture and pictures will be saved to your phone and Ubox album.
6. Voice Click to mute the sounds from the camera.

Download And View Videos

Videos can be saved in Cloud Storage:

The videos of PIR activity

(You could save the videos of PIR activities in cloud storage, which can be used 30 days for free and then you have to pay for the services, and playback in the app.

Videos can be saved in the SD card:

1. The videos of PIR activity

2. The videos of live viewing

When you turn on the camera and view the video, the camera is in the active state, the SD card will save the video during this period, and the video in the SD card is displayed as User wakes up.

Videos can be saved on the mobile phone album:

1. The videos of REC mode

2. The screenshot

You need to delete the videos of REC mode and the screenshots from your phone's album.

Settings Function Introduction

Memory card

1. Turn on cloud storage so you can sync the camera time with your phone.

2. Please format the micro sd card before use. The camera does not support plug and play. So be sure to turn off the camera and then install your card.

Image flip

You can choose Normal, Rotate, Mirror or Mirror and Rotation depends on the hardware installation way. The default is Normal.

Detection sensitivity

You can set the PIR sensitivity as Off Low, Medium and High.

1. When you set the PIR as Off, you will not record and receive any motion triggered events.

2. It is recommended to set the PIR Detection to High so that you could capture as more as a motion triggered from the beginning part of the event.

3. Try to capture more the beginning of the triggered event, please adjust your camera angle a bit closer to your aimed spot.

Arming setting

When your camera position is frequently triggered in order to ensure that the camera has enough power or you want to turn on the camera within a specific time period, you can select the time period during which the camera works

Record duration

1. This is the time you could set for the video length recorded to sd card.

2. Always: If you choose this option, you will not allow the camera enter into standby mode, the camera will keep recording all the time until battery drains per file) out. (60 seconds

3. When you turn on the camera and view the video, the camera is in the active state, the SD card will save the video during this period, and the video in the SD card is displayed as User wakes up.

Device alarm

When you turn it on, the camera will sound a siren when it detects a person.

LED indicator

When you enable it, the blue LED indicator will light up when the camera is working. When you choose to disable, the blue LED will not light up to indicate the working status. It is recommended to set it as the default.

4G Solar Camera FAQ

Q: My camera cannot connect to the 4G network, what should I do?

A: Please check the following: Ensure that the SIM card is inserted correctly. Confirm that you are using the correct type of SIM card. If unsure, please contact our customer service at support@witsectech.com. Check if there is sufficient data on the SIM card.

Q: My camera is suddenly disconnected, what should I do?

A: Firstly, check if the SIM card has sufficient data plan. You can try inserting the SIM card into your phone for testing. If it still does not work, please contact our customer service: support@wit-sectech.com.

Q: How much data does this 4G security camera use per month?

A: Data usage varies depending on usage. Typically, 2GB of data is sufficient for a month.

Q: Does the 4G security camera support 5G SIM card?

A: Yes, the camera can work with a 5G SIM card, but it will only support 4G network signals. When activating a 5G SIM card, please select the 4G service.

Q: Does this 4G LTE camera support Wi-Fi?

A: No, it does not support Wi-Fi. This is a standalone camera.

Q: The camera failed to connect to the network during configuration, what can I do?

A: Ensure that the camera is in a good 4G network environment.

Q: Can I still connect to the camera if the QR code on the side is damaged?

A: Yes, there is also a QR code printed on the box. If you cannot find it, please contact our customer service at support@witsectech.com, and we will resend the QR code.

Q: Why can't my mobile phone alarm, but the camera can detect people and record?

A: Check if all background permissions for the app are enabled, and keep the app running in the background of the phone.. If your camera does not send an alert to your mobile phone despite detecting a person, you need to verify whether your mobile phone settings have allowed UBOX to send notifications.

Q: Do you support cloud storage?

A: Yes, we do. The camera supports cloud storage and TF card local storage of up to 128GB.

Q: Why can't I see the records on my mobile phone?

A: Check if the TF card has been correctly inserted into the camera and formatted. If the problem persists, format the TF card on your computer (FAT32) or replace it with another one. Additionally, set the time zone in the app to ensure that the camera time is consistent with the phone time

Q: Why does the camera shut down after the red light flashes a few times?

A: The red light indicates that the camera is in a low battery state, and you need to charge it. Use a 5V charger to charge the camera, and the light will turn off when it's fully charged.

Q: Why can't the camera connect to the Internet?

A: Ensure that the SIM card is inserted correctly and has sufficient data. If everything is normal, try pulling out and reinserting the SIM card, or resetting and reconnecting the camera.

Why do false positives often occur, and why does the battery die quickly?

A: To reduce false alarms and save power, we recommend installing the camera in an area with minimal traffic and no obstructions.

Q: Why can't the long-distance camera detect people?

A: Install the camera at a height of 9 feet and remove the PIR protective film. Ensure that there are no large objects blocking the camera's view. Also, check if the PIR detection function in the UBOX app is enabled and if the PIR sensitivity is set to high.

Q: How can I delete video files stored on the TF card of the camera?


A: The camera automatically overwrites old video files when the TF card is full, so you don't need to delete individual files. If you need to delete all files, you can format the TF card through the app.

Q: What should I do if I forget my app password?

A: If you forget your app password, you can reset it using your registered email address. If you have any

further questions or issues regarding the usage of the camera, please do not hesitate to contact us at support@witsectech.com.

Documents / Resources

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|  | LSVISION WIT-S20 4G LTE Cellular Security Camera [pdf] User Manual B18ZLGedQkL, WIT-S20-4G, WIT-S20 4G LTE Cellular Security Camera, LTE Cellular Security Camera, Cellular Security Camera, Security Camera, Camera |
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References

- [User Manual](#)