Car Sentinel Camera

User Guide

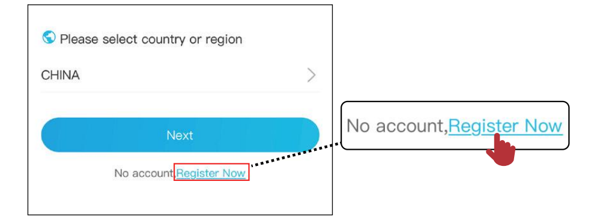
The user guide is for reference only. Screenshots displayed in this user's guide of the 'UBoxPro' app may appear differently than those currently featured in your app as frequent updates and improvements.

DOWNLOAD AND INSTALL AP

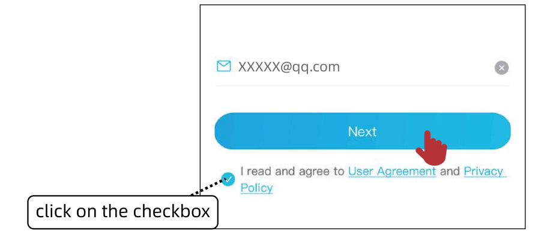
1.Scan the QR code below and click install or search 'UBoxPro' on Appstore to download and install.

APP. REGISTRATION

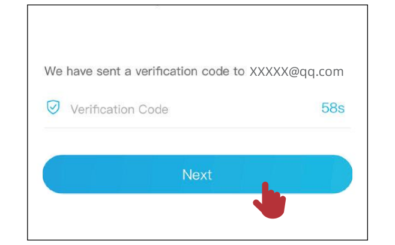
1.Click “Register Now” option. (For better user experience, please allow all permissions to avoid not receiving notifications)



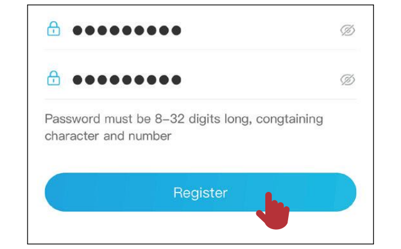
2.Please enter your email/phone number, click on User Agreement,click next to get the verification code.


XXXXX@qq.com

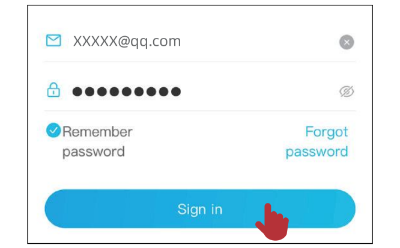
3.Enter the verification code received and click next. (If you are registering by email and did not find the verification code, you can check if you received the code in your spam mailbox)


We have sent a verification code to XXXXX@qq.com

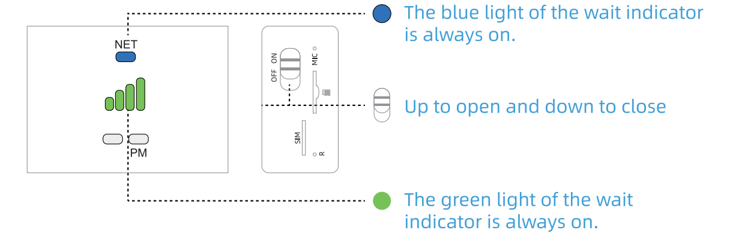
4.Set your login password and click Register. (For the security of your password, the password should be more than 8 letters and numbers.)


Password must be 8–32 digits long, congtaining character and number

5.Enter your registered cell phone number or email address, then enter your password and click sign in.

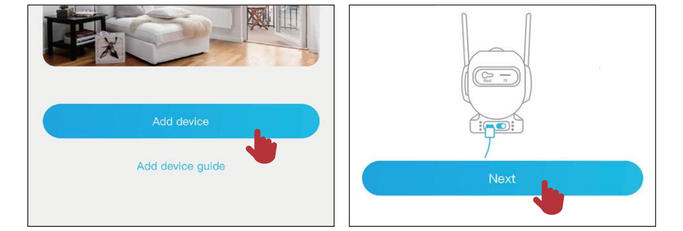

XXXXX@qq.com

3.CAMERA PAIRING（Turn on the device before use.）

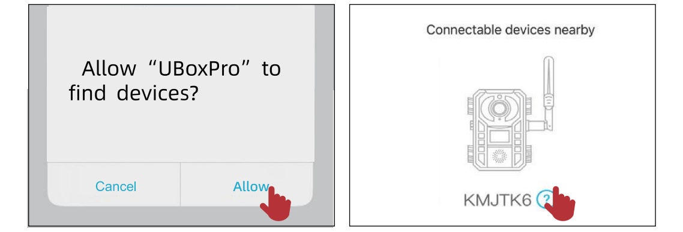

NET
PM
OFF ON
MIC
SIM
R
The blue light of the wait indicator is always on.
Up to open and down to close
The green light of the wait indicator is always on.

CONNECTION

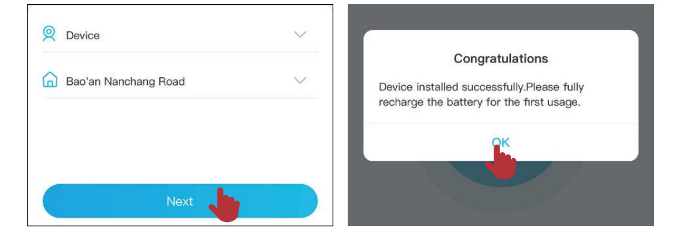
1.Turn on the power of the device, check whether the blue indicator light is always on, go back to the APP interface, click “Add Device”, when the blue indicator light of the device is always on, click “Next”.



2.When APP pops up to allow “UBoxPro” to search for devices, click “Allow”, APP will start to search for the device, when the corresponding UID device is found (the first 6 UIDs of the device are displayed), “Click” to jump to the next step.


Allow “UBoxPro” to find devices?

3.The device is automatically located in the address, the name can be changed to the name you need, change the click “Next”, enter the configuration page, add a successful prompt click “OK”, congratulations, the device is added successfully.

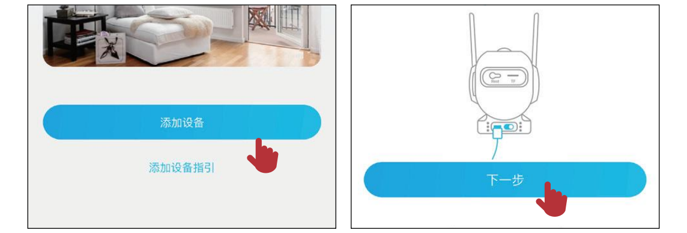


Congratulations

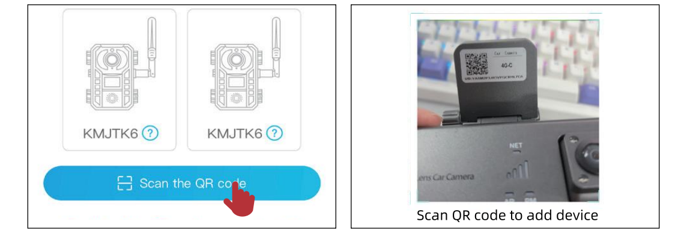
Device installed successfully.Please fully recharge the battery for the first usage.

SCANNING CONNECTION METHOD

1.Turn on the power of the device, check whether the blue indicator light is always on, go back to the APP interface, click “Add Device”, when the blue indicator light is always on, click “Next”.

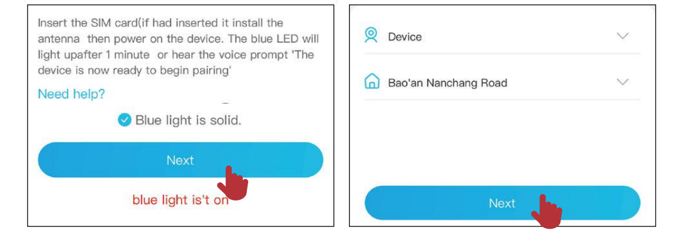


2.Click “Scan QR Code”, wait for the blue indicator light to be always on, then scan the QR code on your device and go to the next step.

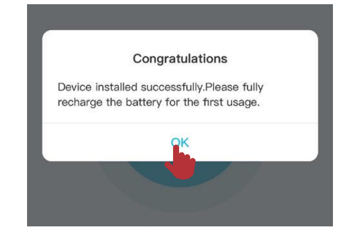


Scan QR code to add device

3. After the blue light is always on, click “Next”, the device is automatically located in the address, the name can be changed to the name you need, after the change click “Next”.


Insert the SIM card(if had inserted it install the antenna then power on the device. The blue LED will light upafter 1 minute or hear the voice prompt 'The device is now ready to begin pairing'

4.Enter the configuration page, click “OK” after the prompt of adding success, congratulations, the device is added successfully.


Congratulations

Device installed successfully.Please fully recharge the battery for the first usage.

DEVICE INDICATOR STATUS DESCRIPTION

1.Blue Indicator Light. → The device is connected to the network.

2.The red and blue lights keep blinking rapidly. → Machine can't access the network, weak signal or abnormal traffic card.

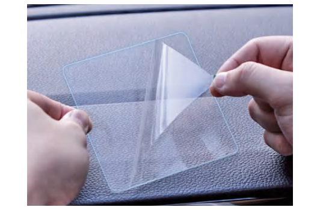
3.Red and blue lights flash slowly and alternately. → Unpaid or deactivated traffic card.

4.Red and blue lights flash alternately and rapidly. → No traffic card detected.

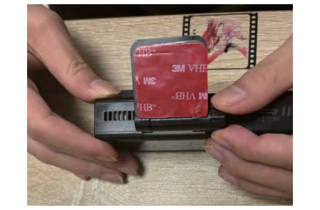
5.Red indicator light → Traffic card not installed.

3.The product installation instructions

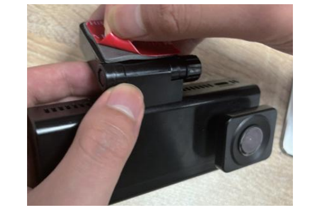
(1.)Install the electrostatic sticker to the front glass of the car.



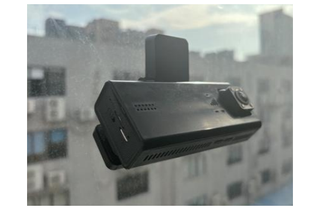
(2.)Loosen the mounting bracket to adjust to the proper monitoring angle.



(3.)Remove the double-sided sticker from the device.



(4.)Where the device is affixed to the electrostatic sticker.



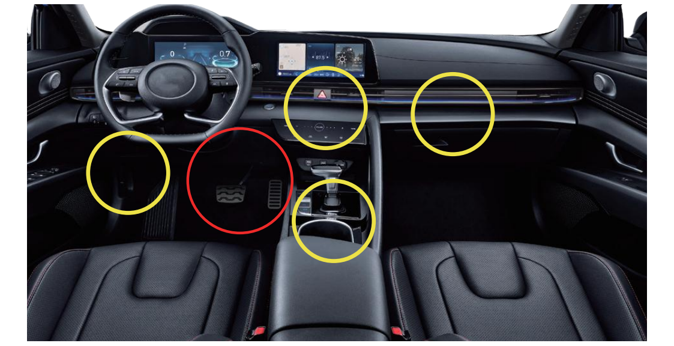
Installation Note: If there are metal objects covering the device, it will affect the radar detection distance, GPS function of the device.

About the power supply for monitoring.

The power supply of this device can be connected to the USB port and cigarette lighter port of the car's center control, but it does not support parking monitoring. If you need to monitor when parking, you need to plug the monitoring cable into the OBD socket or the fuse box to connect to the step-down cable.

Car fuse box drop wire schematic

Each brand of car fuse box location is different, connecting the car buck cable need professional operation, please do not operate the connection by yourself!



The yellow color indicates the position of the OBD connector for some models.

Red color indicates the location of the ACC cable fuse box section.

Description of camera operating modes

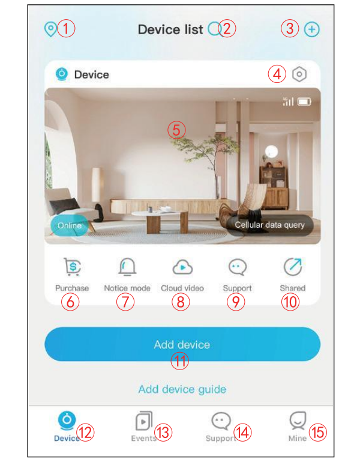
Parking monitoring mode

1.) When the car is turned off and the ACC signal generated by the OBD buck cable or fuse box buck cable disappears, the device will enter the low power consumption mode. (The low power consumption in this mode is less than 0.05W, device will trigger the video recording function when there is an abnormal situation around the vehicle or body vibration). At the same time, the event message is pushed to the phone, in this mode, the phone can open the APP to watch the shooting scene of front and rear cameras.

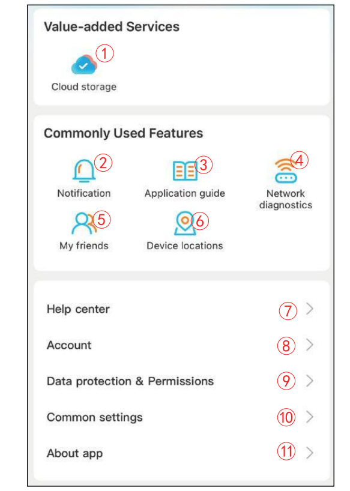
Car Logger Mode

2.) Then when the body vibration detected by the collision sensor exceeds the set threshold, it will be stored in the TF card and playback the HD video through the “UBoxPro” APP or the VCL player on the computer. When the body vibration detected by the mode exceeds the set threshold.The vibration event video will be generated and locked, and the video will be uploaded to the cloud at the same time, and then in this mode, the phone can open the APP to view the front and rear camera scenes at any time.

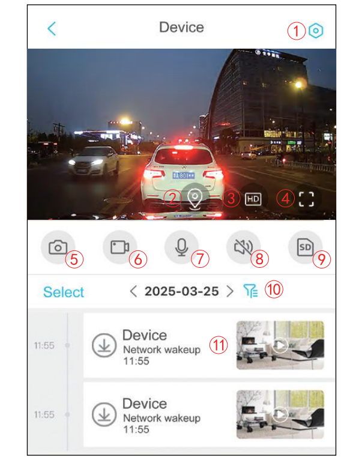
4.HOME PAGE DESCRIPTION



① Add Location
② On Quick Search Devices
③ Add Device,Scanning The QR Code, Device Sorting
④ Check UID, Cloud Storage Recharge, Sharing device
⑤ Enter The Monitoring Screen
⑥ View Traffic
⑦ Turn On/Off Message Notifications
⑧ View Cloud Video
⑨ Enter Customer Service
⑩ Share Equipment
⑪ Add Device
⑫ Go To The Device List
⑬ View Video Of The Event
⑭ Enter Customer Service
⑮ Access Accounts And Value-Added Services



① Checking Cloud Service Enablement Status and Enabling Cloud Services
② Turn On/Off Total Device Notification And Turn On Notification Privileges
③ Enter The APP Function Instruction
④ Diagnose Current Network Status
⑤ Add A Friend Device To Share Permissions And View Friend List
⑥ Find Device Location
⑦ Solutions To Common Problems When Using The APP
⑧ Change Password And Cancel Account
⑨ APP Data Protection And System Privilege Setting
⑩ Setting Functions Such As Clarity And Device Sound
⑪ Check The Status Of APP Version Information



① Click Settings Button To Enter Device Settings, The Basic Information Interface Can Be Set To “Motion Detection, Recording Settings, Video Settings, Audio Settings, Indicator Settings, General Settings, Sharing Devices, Firmware Updates, Restart The Device”, The Device Name Can Be Oueried “Name, UID, Model,
② Find Device Location
③ Switch Between SD/HD
④ Enlarge The Monitoring Screen
⑤ Take A Screenshot Of The Surveillance Screen
⑥ Record Surveillance Screen
⑦ Turn On The Microphone
⑧ Turn On The Speaker
⑨ Go To Memory Card Video
⑩ Toggle The Date To View The Video
⑪ View Cloud Storage Video

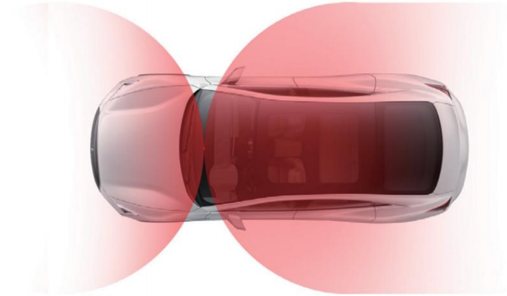
5. Camera function introduction

1.) radar detection

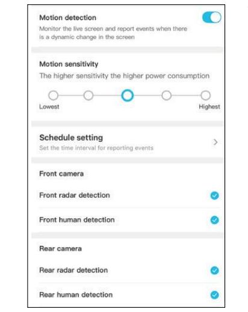
If there are metal objects blocking the front and rear radar, it will affect the detection range and distance of the front and rear radar, after correct installation, the detection distance outside the front window will be 0.5m~3m, outside the front window will be 1m, and outside the rear window will be 0.5m.

0.5m~3m outside front windows

Within 0.5m outside the rear window



About the Radar Detection feature tip:


Motion detection ●
Monitor the live screen and report events when there is a dynamic change in the screen
Motion sensitivity
The higher sensitivity the higher power consumption
Schedule setting
Set the time interval for reporting events
Front camera
Front radar detection ✓
Front human detection ✓
Rear camera
Rear radar detection ✓
Rear human detection ✓

*The radar detection sensitivity can be set in the device settings. When using the device in crowded environments, it is recommended to turn down the device sensitivity to avoid unnecessary wakeups and thus prolong the device usage time.

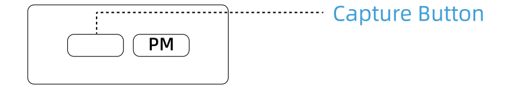
When radar detection/motion detection is turned on, the device will immediately turn on and record the video and send the information to the phone after an abnormal situation occurs within the radar sensing range.

Front Camera View

Built-In Camera View

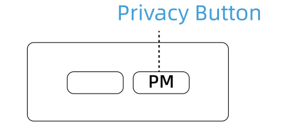
2.) Camera Mode

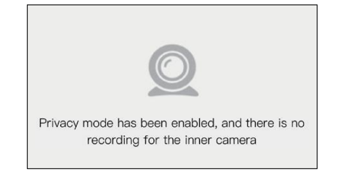
In driving mode, there is not preview from the AP, press the AP button below the device and the device will immediately capture the surveillance image, in parking mode it will not be triggered.



3.) Privacy Mode

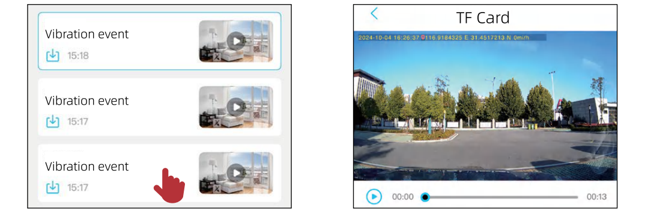
Long press 'PM' on the bottom of the device, the privacy indicator lights up and the privacy mode is turned on successfully. (And then in this mode, it will turn off the car camera video function and device recording function, and at the same time turn off the remote viewing of the car's camera impact and listening function)




Privacy mode has been enabled, and there is no recording for the inner camera

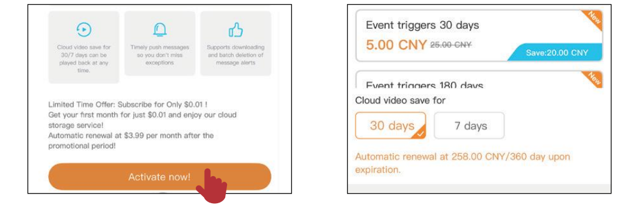
4.) TF Card Video Inquiry

When you need to query TF card video, enter the monitor preview interface and click “ SD ” icon to query TF video. (If you need to query HD video, you need to use a card reader to query it on your computer using VCL player)

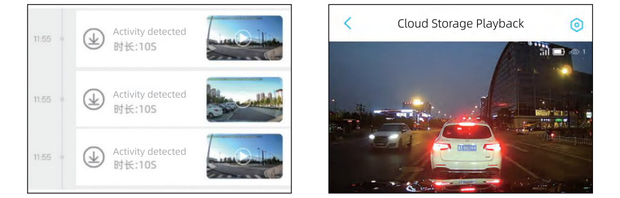


5.) Cloud Services

①Enter the preview screen of APP, and click the bottom to open “Cloud Storage”. Each device's “cloud service” is free to try for 30 days, click the free trial to experience the cloud service. (After the expiration of the trial period, you can purchase the cloud service according to your own needs.)

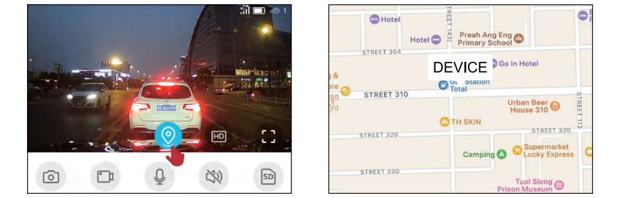

Cloud video save for 30/7 days can be played back at any time.
Timely push messages so you don't miss exceptions
Supports downloading and batch deletion of message alerts
Limited Time Offer: Subscribe for Only $0.01 !
Get your first month for just $0.01 and enjoy our cloud storage service!
Automatic renewal at $3.99 per month after the promotional period!
Event triggers 30 days
5.00 CNY ~~25.00 CNY~~
Save:20.00 CNY
Event triggers 180 days
Cloud video save for
30 days
7 days
Automatic renewal at 258.00 CNY/360 day upon expiration.

② When the cloud storage service is opened successfully, the following will appear in the cloud storage service video, open directly click to view. (This video is viewed during the opening of the cloud service, when the cloud service expires can not be queried)



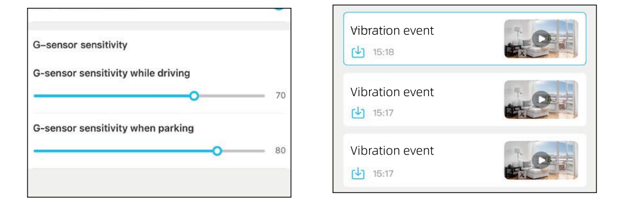
6.) GPS positioning function

APP into the preview screen, click the “ ” icon, the preview screen below the pop-up device positioning information, query vehicle location.



7.) Crash-sensitive video

When a collision occurs when the device is parked/traveling, the machine will immediately trigger a video recording of the events that occurred during the collision. (Please set the sensitivity of the collision sensing, if the collision sensitivity is lower than 50, the collision sensing of the device will be slow)


G-sensor sensitivity
G-sensor sensitivity while driving 70
G-sensor sensitivity when parking 80

FCC Warning Statement: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user ’ s authority to operate the equipment. 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.

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.

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co－located for operating in conjunction with any other antenna or transmitter.