User Manual

### **ROUT 4G - 2K GPS 4G**
Dual Professional Dash Camera

This guide is for reference purposes only.
Actual screenshots may vary due to software updates

Product Overview

The Rout 4G Dual Lens Dash Camera is designed to provide reliable front and rear video recording for your vehicle. With wide-angle lenses, loop recording, G-sensor protection, and night vision, it ensures clear evidence and enhanced driving safety.
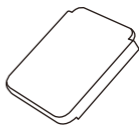
Package Contents
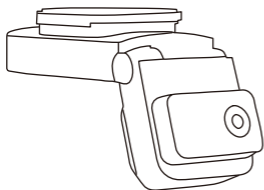
Car Dash Camera *1

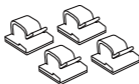Rest Pin *1

Mount Clip *1

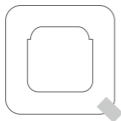Adhesive Pad * 1

Cable Cips * 4

Pry Tool * 1

Electrostatic Film * 2

User Manual * 1

OBD Cable * 1

Product Structure

Mount clip

USB-C Power Port

Radar

Front camera

Sim Card Slot

OFF/ON

Privacy Mode Indicator

Full-Time Recording

Microphone

Privacy Mode On/Off

Memory Card Slot

Rest

Recording Mode Indicator

Operating Mode Indicator

4G Signal Strength Indicator

Rear camera

Rear Radar Detection

Night Vision Sensor

Night Vision
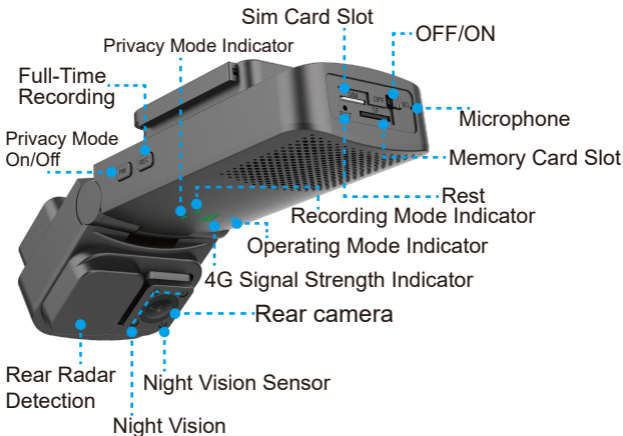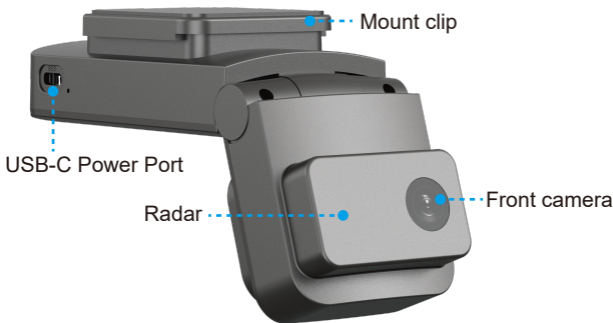
Installation Instruction

STEP 1: Apply Electrostatic Film

1. Peel off the top protective layer from the electrostatic film.
2. Clean the windshield area with a dust-free cloth.
3. Stick the film onto the cleaned area.

STEP 2: Mount the Clip and Attach the Camera
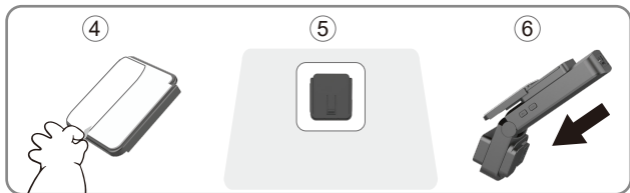
4. Peel off the adhesive backing on the mount clip.
5. Stick the mount clip onto the designated spot on the electrostatic film with the opening facing upward.
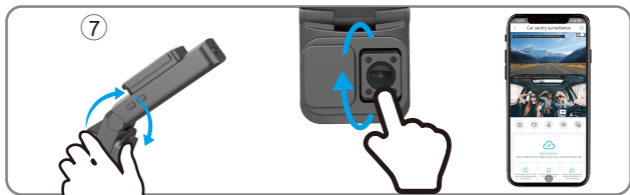
Important: If the clip is installed downward, the dash camera may fall off while driving.

6. Insert the dash camera into the mount clip.
7. Adjust the front and interior camera angles using the app's live view.

Installation Instruction

Regarding the SIM Card

1.The package contains a SIM card compatible with major carrier networks in your country. **Please note**: This SIM card is specifically for use with this camera and should not be used with smartphones or other electronic devices.

2.If you prefer to use your own SIM card, we support carriers such as AT&T, and T-Mobile. **Please note**: (1) The camera may not be compatible with SIM cards from other carriers. It's advisable to use the provided SIM card. (2) If your SIM card has a PIN code enabled, please disable it using a mobile phone before inserting it into the camera.(3) If you're using your own SIM card, please reach out to customer service to obtain unbinded firmware for it.

3.To insert the SIM card, access the labeled "SIM" slot. Align the cut corner of the SIM card with the corresponding slot orientation and ensure the side with gold contacts faces downwards. Follow the printed guide on the slot to insert the SIM card fully.

4.If the device's blue LED does not illuminate, refer to the setup instructions provided.

Installation of SIM Card and Micro SD Card (SD Not Included)

Please verify whether the SIM card has been properly inserted into the designated slot on the 4G LTE dash camera. If it has not been inserted, kindly follow the instructions below to complete the installation of the SIM card.

1. Remove the Nano-SIM card (included) from the provided SIM card holder.

2. Insert the Nano-SIM card into the SIM card slot with the metal contacts facing downwards.

3. Insert the micro SD card (not included) into the slot with the metal contacts facing upwards.

Indicator Light State Guide

No.	Indicator Light Status & Voice Prompt	Device Status
1	Red indicator steady on	Power On
2	Blue indicator steady on + Green signal indicator steady on Voice prompt: "The camera is now ready to begin pairing."	Waiting for network pairing
3	Blue indicator steady on + Green signal indicator steady on Voice prompt: "The equipment has been added successfully."	Network pairing successful
4	Red indicator flashes slowly twice, then off; Blue and signal indicators light up together	Device wake-up
5	Green + Blue + Signal indicators flash briefly, then off Voice prompt: "Emergency video locked."	REC mode active - Continuous recording
6	Green + Blue + Signal indicators flash briefly, then off Voice prompt: "Activate the privacy mode."	Privacy Mode ON
7	Green + Blue + Signal indicators flash briefly, then off Voice prompt: "Disable privacy mode."	Privacy Mode OFF
8	Red indicator lights up Voice prompt: "System reset."	Factory reset

In-App Setup Guide

1.Download Ubox Pro App: Compatible with iOS and Android devices.

1.1.Use your phone camera or Google Chrome to scan the QR code. Note: Avoid using other methods or apps to protect your privacy.

1.2.Find, download, and install the "UBOX Pro" app from Google Play for Android devices or the App Store for iOS phones.
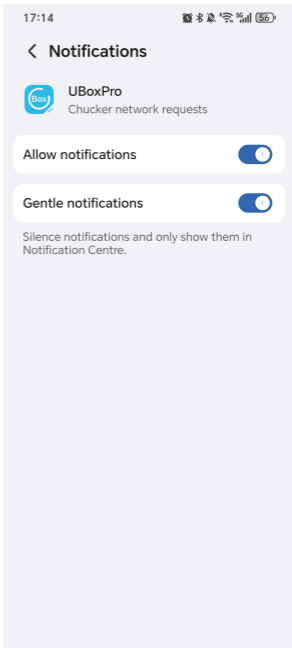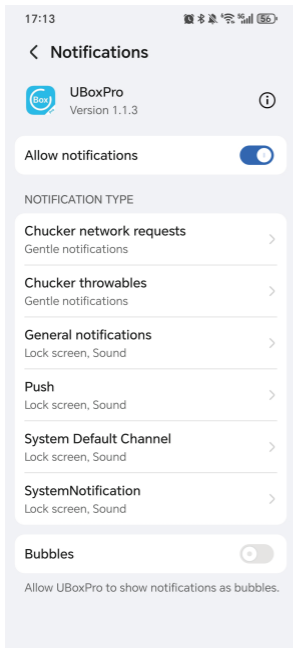
2. Enable App Notifications

To receive detection alerts promptly, make sure the UBOX Pro app has notification permissions enabled:

1. Open your smartphone **Settings**.
2. Select **Notifications**.
3. Find and tap **UBOX Pro** in the notifications list.
4. Enable **Allow Notifications**.

In-App Setup Guide

3. Account Registration and Login

To register an account, follow these steps:

1. Open the app and tap the "Register" icon.
2. Enter your email address, check "I have read and agree to the User Agreement and Privacy Policy", then tap "Next".
3. Create a password and confirm it. Enter the authentication code provided by the app, then tap "Sign Up" to complete registration.
4. Return to the login page. Your account and password may be auto-filled; tap "Sign In".
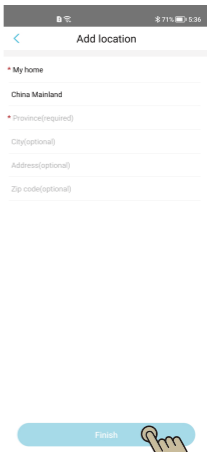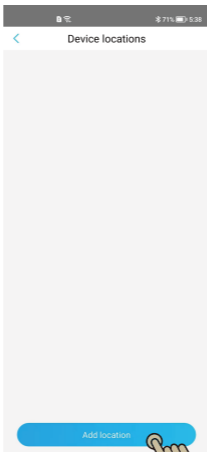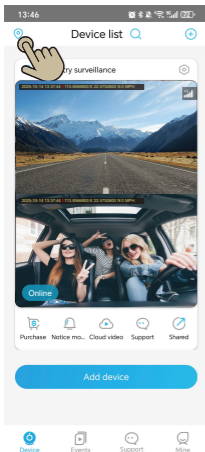◦ If they are not auto-filled, enter your account details manually and tap "Sign In".
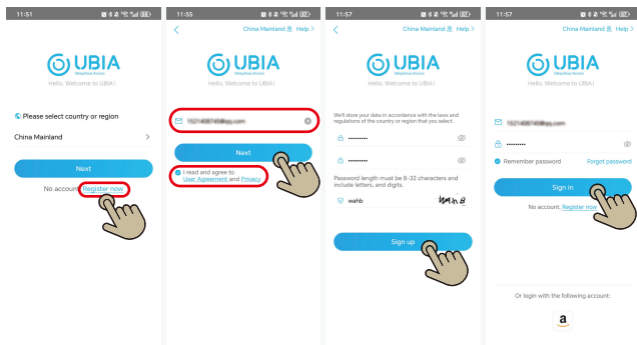
In-App Setup Guide

4. Pair up your Device

4.1 Add Device Location
(Ensure the location is set correctly; this affects cloud services.)

1. Tap the location icon at the top left.
2. Tap Add Location.
3. Enter the correct location and tap Finish.

In-App Setup Guide

4.2 Pair the Camera via 4G (Bluetooth Setup)
Important: Enable Bluetooth on your smartphone before pairing. The camera supports Bluetooth setup or manual addition.

1. Power on the camera by switching the ON/OFF button to ON.
◦ Indicator lights sequence: Solid Red → Solid Blue → Solid Green
◦ Voice prompt: "The camera is now ready to begin pairing."

2. Bluetooth Connection Steps:

1. Open the app and tap "Add Device".
2. Tap Next.
3. Select the device from the nearby devices list and tap Add Device.
4. Choose the camera name and location, then tap Next.
5. Wait for the camera to connect to the 4G network.
6. Once setup is complete, a popup will appear—tap OK. You will return to the devices list in the app.

In-App Setup Guide

Screen 1 — Device list (11:59)

WELCOME TO UBIA

Add device

Device · Events · Support · Mine

Screen 2 — Add device (13:34)

Power on

Power on your device and check that the blue light LED is blinking or light on, or hear the voice prompt 'The camera is now ready to begin pairing'

Need help?

If your device matches the schematic diagram below, please insert the USB cable and power on the device by pressing 'Power button' for 5 seconds

If your device is a relay station, please insert the USB cable to power on device

Next

Screen 3 — Add device (13:46)

Found nearby devices, please select one then click 'add device' button

WPRRAU

⊕ Add device

⊟ Scan the QR code

Can't find the QR code on your device?

Screen 4 — Configure device information (13:46)

Set device info · Network connect · Add device

☰ Car sentry surveillance
☰ Bao Yuan Huafeng Headquarters Ec

Next

Screen 5 — Connecting (13:46)

Set device info · Network connect · Add device

2%

Connecting...
Please wait a few minutes

Screen 6 — Connecting (13:46)

Set device info · Network connect · Add device

Congratulations
Device installed successfully

OK

In-App Setup Guide

Important Notice:
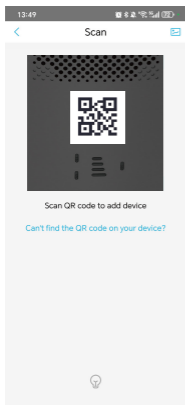If Bluetooth pairing fails, please use the QR code scanning method to connect the camera.
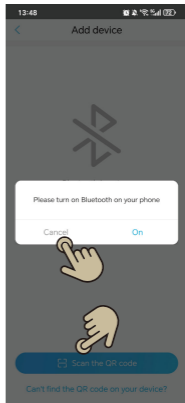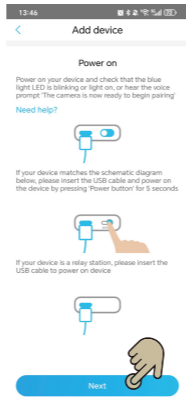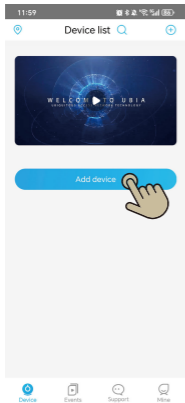
3. QR Code Scanning Connection
1. Open the app and tap "Add Device".
2. Tap Next.
3. Select Scan the QR Code.
4. Tap Allow to grant the app access to your camera.
5. Scan the QR code sticker on the camera.
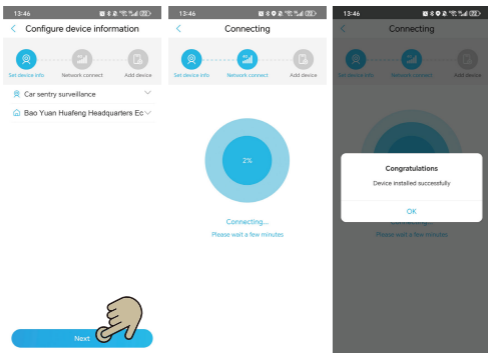6. Ensure the solid blue light is on, then tap Next.

Special Note:
- Contact your distributor to confirm if your camera supports a third-party SIM card.
- If it does, tap "Blue light is not on" to enter APN pairing mode.
◦ Enter the APN information from your SIM card provider.
◦ Tap Next, then place the QR code in front of the camera.
◦ When you hear "pairing information received" and the LED turns solid blue, tap Next to set up device information.

7. Select the camera name and location, then tap Next.
8. Wait for the camera to connect to the 4G network.
9. Once setup is complete, a popup will appear—tap OK. You will return to the devices list in the app.

In-App Setup Guide

Screen 1 — Device list (11:59)

Device list

WELCOME TO UBIA

Add device

Device | Events | Support | Mine

Screen 2 — Add device (13:46)

Power on

Power on your device and check that the blue light LED is blinking or light on, or hear the voice prompt 'The camera is now ready to begin pairing'

Need help?

If your device matches the schematic diagram below, please insert the USB cable and power on the device by pressing 'Power button' for 5 seconds

If your device is a relay station, please insert the USB cable to power on device

Next

Screen 3 — Add device (13:48)

Please turn on Bluetooth on your phone

Cancel | On

Scan the QR code

Can't find the QR code on your device?

Screen 4 — Scan (13:49)

Scan

Scan QR code to add device

Can't find the QR code on your device?

Screen 5 — Check device (13:50)

Check device

Set device info | Network connect | Add device

Insert the SIM card, install the antenna, then power on the device, after seeing LED light on solid blue, or hearing the voice prompt'The camera is now ready to begin pairing', proceed as below.

Need help?

○ Blue light is solid.

Red light is not on

Screen 6 — Check device (13:50)

Check device

Set device info | Network connect | Add device

Insert the SIM card, install the antenna, then power on the device, after seeing LED light on solid blue, or hearing the voice prompt'The camera is now ready to begin pairing', proceed as below.

Need help?

✔ Blue light is solid.

Next

Blue light is no

In-App Setup Guide

If you're unable to pair the camera, check the following:

1. Ensure the camera is fully charged, then long-press the "RESET" button until you hear "System Reset."
2. Keep your phone close to the camera to maintain a strong 4G signal.
3. If the red light stays on continuously, the 4G signal may be weak. Adjust the camera's position and direction.
4. If the red and blue indicators flash alternately, the SIM card may not be detected.
◦ Ensure the SIM card is inserted correctly.
◦ If a PIN is enabled, insert the SIM card into a phone to disable the PIN, then reinsert it into the camera.
5. If the red and blue indicators flash alternately and slowly, there may be insufficient mobile data or credit. Top up or replace the SIM card.
6. If the red indicator flashes, the device may be faulty. Contact customer service.
7. If the blue indicator flashes, there may be an abnormal network connection.
8. Try removing and resetting the device, then pair it with your phone again.
9. If the issue persists, send your order ID and a problem description to the after-sales team.

Detailed App Instructions

App Features Overview

1 — (location icon)
13:46
Device list — 🔍 **2**
3 — (+)

Car sentry surveillance — ⚙ **4**

2025-10-14 13:37:44 9113.8566800 E 22.5752600 N 0 MPH — 📶 **5**

2025-10-14 13:37:44 9113.8566800 E 22.5752600 N 0 MPH

6 — **Online**

9 — Cloud video
10 — Support
11 — Shared

7 — Purchase
8 — Notice mo...

12 — **Add device**

13 — Device
14 — Events

Support Mine

Detailed App Instructions

1. Device Location Management
   ◦ Add or delete device locations.
2. Quick Camera Search
   ◦ Search for cameras faster instead of checking one by one.
3. Add Camera
   ◦ Add new cameras to the app.
4. Basic Device Information
   ◦ View details such as Device UID, SIM Card ICCID, Cloud service status, etc.
5. Check the 4G signal strength in real time.
6. Online/Offline Status
   ◦ Check whether each camera is online or offline.
7. Enable 4G Data or Cloud Storage
   ◦ 4G Camera with Delivered SIM: Tap to top up the 4G traffic package.
   ◦ WiFi Camera or Own SIM: Tap to enable Cloud Storage service.
8. Push Alarm
   ◦ Toggle alarm notifications on or off.
9. Cloud Storage Video Playback
   ◦ Access and play videos saved in cloud storage.
10. Customer Service
    ◦ Contact support for any technical issues.
11. Permission Sharing
    ◦ Tap "Share" to open the sharing interface.
    ◦ Enter the email address or mobile number of the person you want to share camera access with.
    ◦ Tap Next to set viewing permissions.
    ◦ The family member can access shared cameras via "My Friend" on the "Mine" page of the app.
12. Add New Device
    ◦ Add additional cameras to your account.
13. Device List
    ◦ View all devices associated with your account.
14. Cloud Video Access
    ◦ View all videos stored in cloud storage.

Detailed App Instructions

Playback & Download Videos from Cloud Storage or SD Card
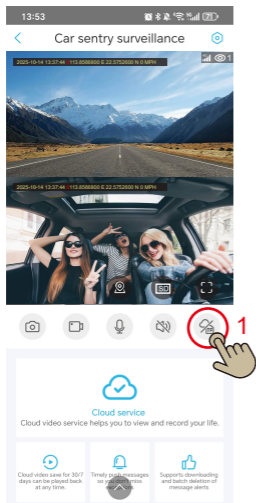
1. Tap the icon to choose the source of your videos.

2. Select the date of the videos you want to view.

3. Tap the ▶ icon next to the video you want to watch.

4. To save a video, tap the ⬇ icon; it will be saved to your smartphone's album.

Detailed App Instructions

Mine Settings
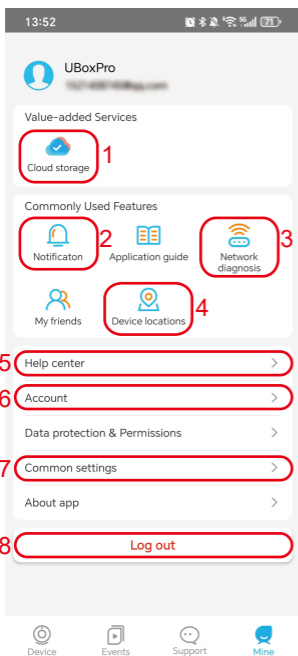
1.Cloud Storage
◦Subscribe or renew your cloud storage plan.

2.Notification Settings
◦Check if notifications are enabled and adjust them in your smartphone settings.

3.Network Diagnostics
◦Check the network status of your smartphone and cameras.

4.Camera Location
◦View or adjust the location of your camera.

5.Help Center
◦Access frequently asked questions (FAQs) and support resources.

6.Account Management
◦View account information, reset your password, set a nickname, or deregister your account.

7.App Preferences
◦Mute live view or video playback audio.
◦Set default live view resolution (SD or HD).
◦Display battery percentage instead of icon.
◦Show frame rate in real-time.
◦Enable or disable alarm vibration, ringing, or voice change.

8. Logout
◦Log out of your account.

Detailed App Instructions

Live View & Device Settings Features
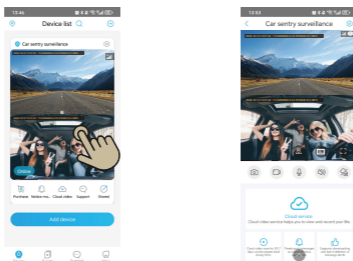
Detailed App Instructions

1. Device Settings
◦ Configure camera functions through the settings menu.

2. Time/Date & GPS Display
◦ Show timestamps along with GPS information on the video.

3. Signal Reception & Online Accounts
◦ View signal strength and accounts currently accessing the camera.

4. GPS Location
◦ Tap to check the camera's real-time GPS location (useful for vehicle tracking).

5. Resolution Switch
◦ Toggle between SD and HD viewing quality.

6. Full Screen Mode
◦ Display the live view in horizontal or vertical full screen.

7. Live Screenshot
◦ Capture photos of the live screen and save them to your smartphone album.

8. Live Screen Recording
◦ Record live video to your smartphone album.

9. Intercom / Two-Way Audio
◦ Talk and listen through the camera's microphone and speaker.

10. Audio Control
◦ Enable or disable the camera's audio function.

11. Video Source Display
◦ View videos stored on the memory card or cloud storage.

Detailed App Instructions

Camera settings

Firmware Update
• Check periodically for new firmware updates and ensure your camera is up to date.

Restart Camera
• Restart the camera to apply new settings or updates.

Delete Camera
• Remove the camera from your account if necessary.
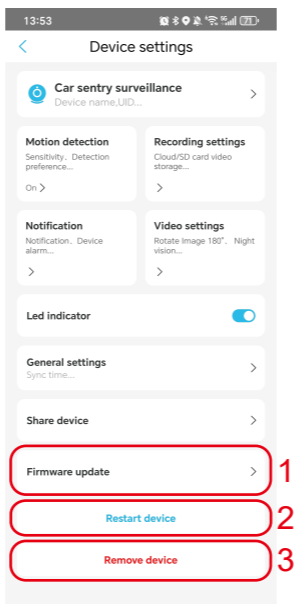
Detailed App Instructions

Basic Information

Manage your camera's core details and provide logs for troubleshooting.

You can:
• Set or change the camera name.
• View the Camera UID, Firmware Version, and 4G Module Version.
• Upload log files from the memory card for engineer review if the camera has undefined issues.

Steps:
1. Open Camera Settings.
2. Navigate to "Basic Information".
3. Set a new camera name and upload log files as needed.
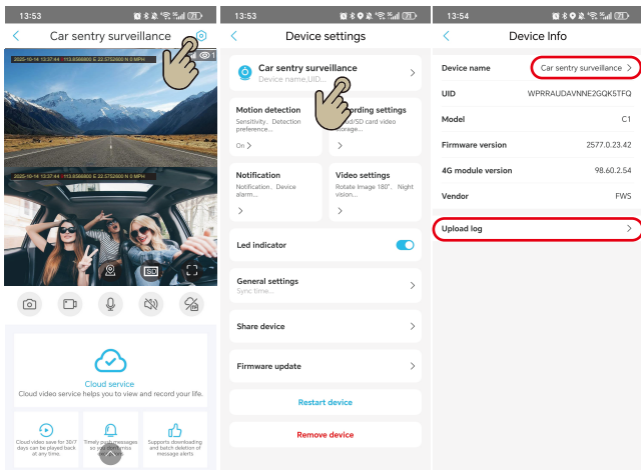
Detailed App Instructions

Motion Detection Settings

Customize your camera's motion detection to suit your needs.

Features:
• Enable or disable motion detection.
• Adjust motion sensitivity.
• Schedule motion detection times.
• Enable or disable radar detection for front and rear cameras.
• Enable or disable anti-false alarms (human detection or motion).
• Set activity zones for specific areas to trigger motion detection.
• Adjust G-sensor sensitivity for driving or parking scenarios.

Steps:
1. Open Camera Settings.
2. Navigate to "Motion Detection".
3. Select and configure the settings you want to change.
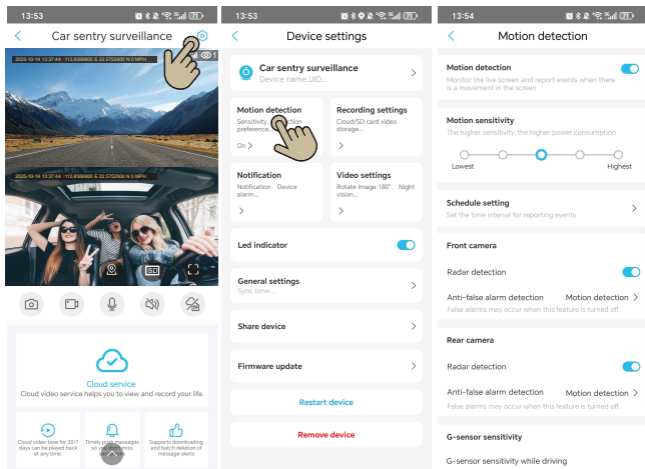
Detailed App Instructions

Schedule Settings (Motion Alarm Trigger)

Set specific times for motion-triggered alarms according to your needs. Multiple schedules can be created for flexibility.

Steps:
1. Open Camera Settings.
2. Navigate to "Motion Detection".
3. Select Schedule Settings.
4. Enable Arming Time and choose Custom Period.
5. Select the days of the week to enable the schedule (Monday–Sunday).
6. Tap "+" to specify the start time, end time, and date for the motion trigger.
   ◦ To create multiple schedules, tap "+" and repeat this step.
7. Once all schedules are set, tap "Save Settings" to apply them.
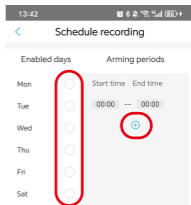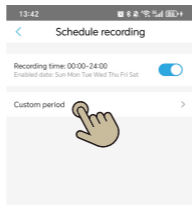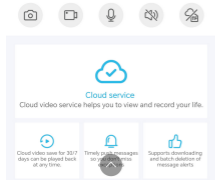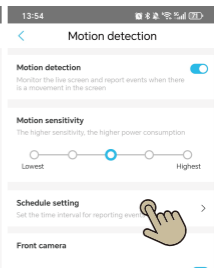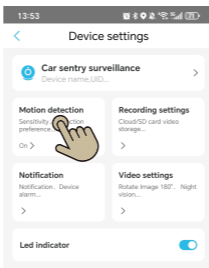
Detailed App Instructions

Recording Settings

Manage how your camera records video to the cloud or memory card.

Features:
• Enable or disable cloud storage recording.
• Record videos to a memory card (when inserted).
• Set cloud video recording duration (5s or 10s).
• Format the memory card if needed.

Steps:
1. Open Camera Settings.
2. Navigate to "Recording Settings".
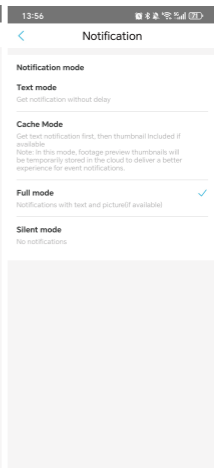3. Select your preferred record duration (5s or 10s), or format the memory card by pressing Format.
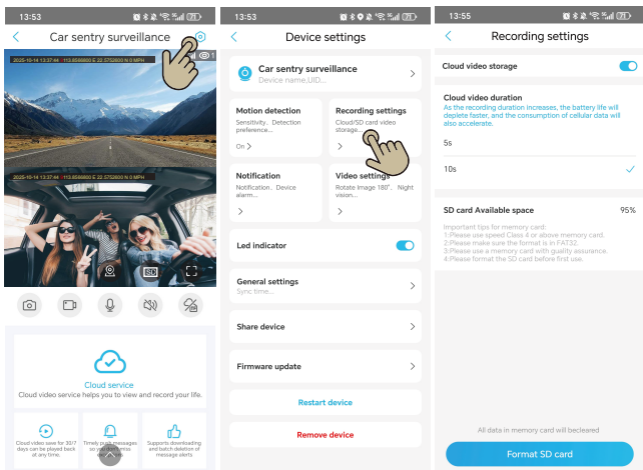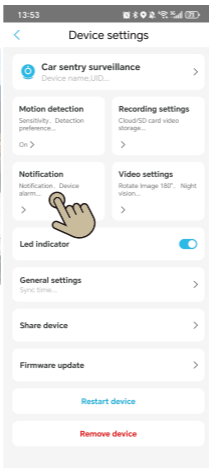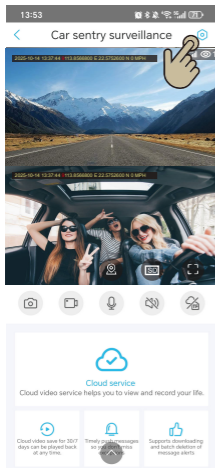
Detailed App Instructions

Notification Settings

Choose how you receive alerts from your camera.

Steps:
1. Open Camera Settings.
2. Navigate to "Notification".
3. Select your preferred notification mode:
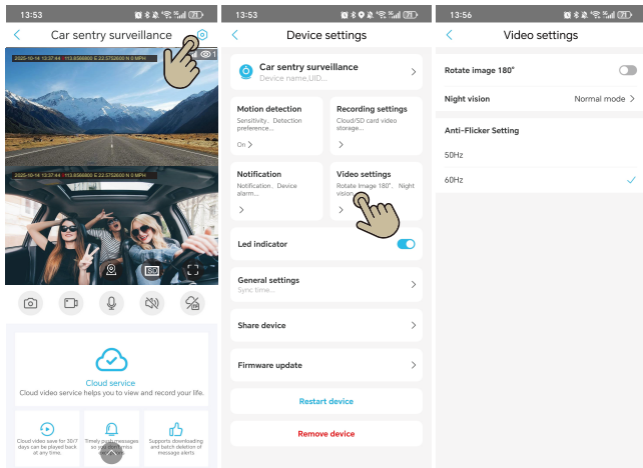◦ Text Mode
◦ Cache Mode
◦ Full Mode
◦ Silent Mode

Detailed App Instructions

Video Settings

Adjust video display and quality options for your camera.

Steps:
1. Open Camera Settings.
2. Navigate to "Video Settings".
3. Configure your preferred options:
◦ Enable Flip & Mirror function.
◦ Choose Vision Mode: Normal or Night Vision.
◦ Set Anti-Flicker: 50Hz or 60Hz.
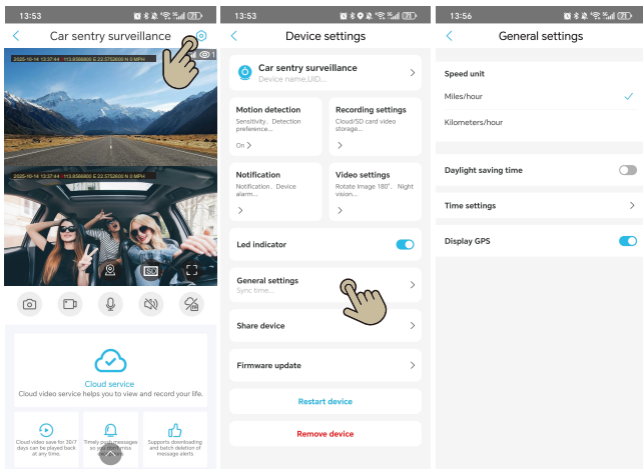
Detailed App Instructions

General Settings

Customize general display and measurement preferences for your camera.

Features:
• Select speed units: miles/hour or kilometers/hour.
• Enable Daylight Saving Time (DST).
• Change time/date display format.
• Display GPS location in live view mode.

Steps:
1. Open Camera Settings.
2. Navigate to "General Settings".
3. Select and adjust the functions you want to change.
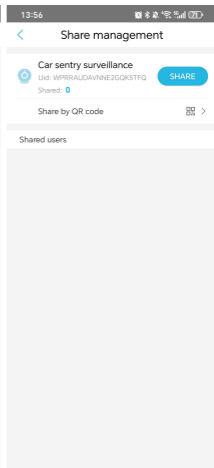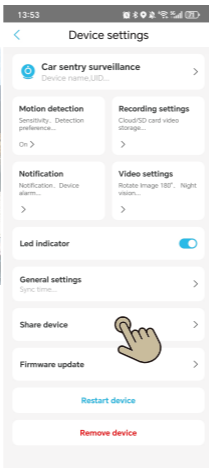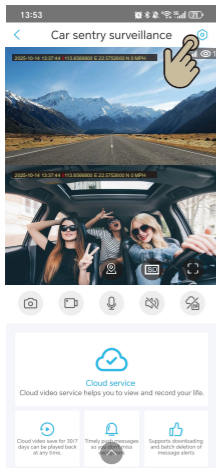
Detailed App Instructions

Share Device

Once your camera is operational, you can share it with family or friends.
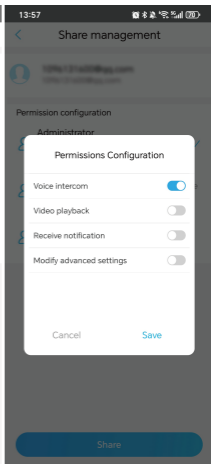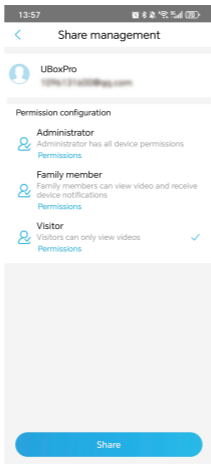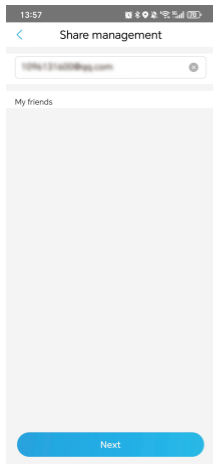Note: The account you want to share with must be registered in the UBOX Pro app.

Steps:

1. Open Camera Settings.
2. Navigate to "Share Device".
3. Tap Share.
4. Enter the registered account and tap Next.
5. Select the permission level: Administrator, Family Member, or Visitor.
6. Customize permissions by tapping the blue "Permission" icon, then click Save.
7. Tap Save to finish the share settings.

Detailed App Instructions

Screen 1 — Share management

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Share management

My friends

Next

Screen 2 — Share management

13:57

Share management

UBoxPro

Permission configuration

Administrator
Administrator has all device permissions
Permissions

Family member
Family members can view video and receive device notifications
Permissions

Visitor
Visitors can only view videos ✓
Permissions

Share

Screen 3 — Permissions Configuration

13:57

Share management

Permission configuration

Administrator

Permissions Configuration

Voice intercom

Video playback

Receive notification

Modify advanced settings

Cancel   Save

Share

FAQs

Q1: Why can't I see the live stream on my phone?
- Ensure the 4G signal strength is sufficient by checking the app.
- If the signal is weak, consider relocating the camera to an area with better reception.

Q2: Why am I not receiving any alarms after connecting the camera to the app?
- Check if the push mode is enabled in the app.
- Verify that notifications are allowed in your phone settings.

Q3: What should I do if the device malfunctions?
- Press the reset button for 3–5 seconds to reset the camera.

Q4: Why does the device show as offline?
1. Ensure the device is powered on and the indicator light is functioning properly.
2. Check the 4G network connection status.
3. If installed in an area with poor 4G signal, relocate the camera.
4. Try deleting the camera from your Ubox Pro account and re-adding it after resetting.
5. Make sure the device firmware and app are up to date.

Q5: Does the device come with a SIM card?
- Yes, the device comes with a SIM card that includes a mobile data free trial.
- You can top up through the app or use another SIM card if needed.