

[Manuals.plus](#) /

› [Rettru](#) /

› Rettru 4K Mini Spy Camera User Manual

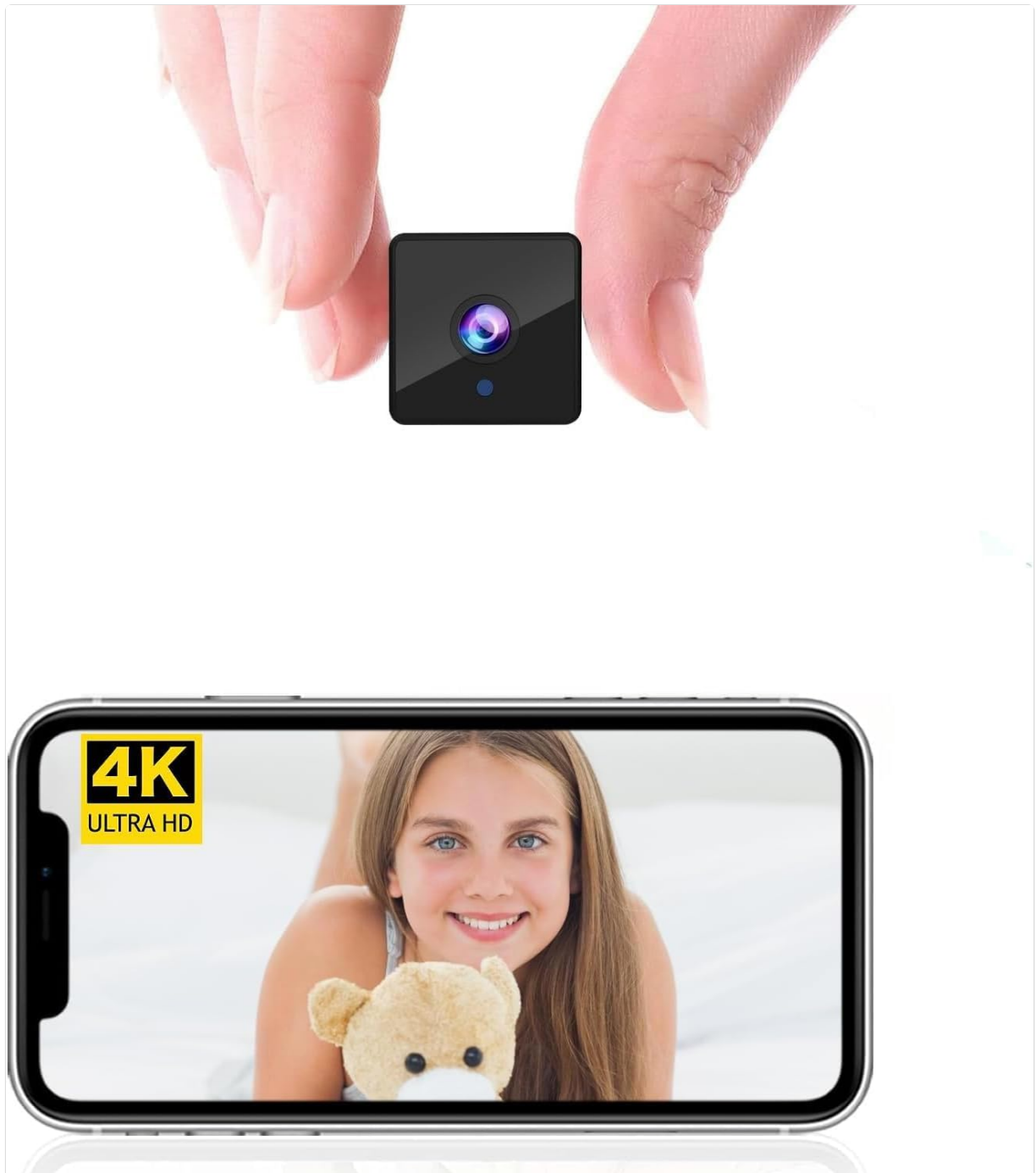
Rettru USA-Q18-JIAN07580-000001

Rettru 4K Mini Spy Camera User Manual

Model: USA-Q18-JIAN07580-000001

INTRODUCTION

Thank you for choosing the Rettru 4K Mini Spy Camera. This compact and versatile security device is designed for discreet monitoring, offering high-definition video recording, advanced night vision, two-way audio, and intelligent motion detection. With its long-lasting battery and easy connectivity, it provides reliable surveillance for various indoor and outdoor applications. This manual will guide you through the setup, operation, and maintenance of your camera to ensure optimal performance.



The Rettru 4K Mini Spy Camera, shown here held between fingers, demonstrating its compact size. Below, a smartphone displays the camera's live 4K Ultra HD video feed, highlighting its high-resolution capabilities.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Rettru 4K Mini Spy Camera
- 1 x USB Charging Cable
- 1 x Micro SD Card Reader
- 1 x Magnetic Base
- 1 x User Manual

PRODUCT OVERVIEW

Familiarize yourself with the camera's components:

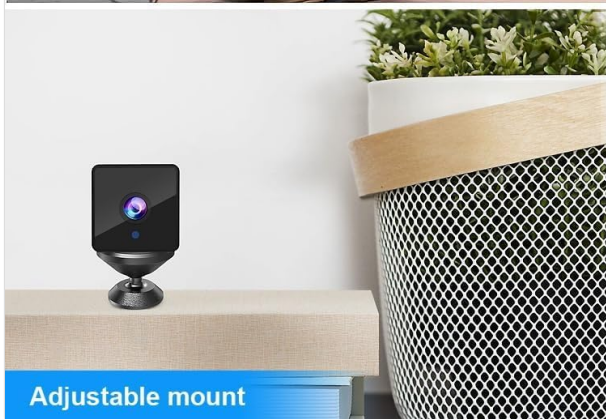
- **Camera Lens:** High-resolution 5-megapixel lens with 160-degree wide-angle view.
- **Indicator Light:** Displays camera status (e.g., charging, recording, Wi-Fi connection).
- **USB Port:** For charging and data transfer.
- **Micro SD Card Slot:** Supports up to 128GB memory cards for local storage.
- **Power Button:** To turn the camera on/off.
- **Reset Button:** To restore factory settings.
- **Microphone:** For audio recording and two-way communication.
- **Speaker:** For two-way communication and alarm siren.



An illustration detailing the camera's high-quality lens, featuring a 140-degree wide-angle view and 2 million pixels, contributing to its 4K UHD video capability.

Super Tiny, Easy to Hide.

No drilling, No wiring.



Adjustable mount



Wall-Mounted

The Rettru Mini Spy Camera's compact design allows for easy and discreet placement. Examples include an adjustable mount for surface placement and direct wall-mounting, requiring no drilling or complex wiring.

SETUP GUIDE

1. Initial Charging

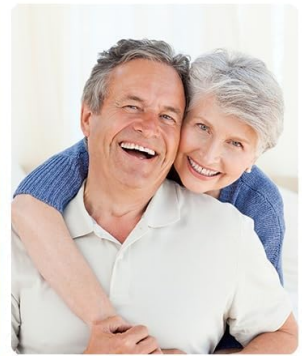
Before first use, fully charge the camera. Connect the provided USB cable to the camera's USB port and a 5V/1A USB power adapter (not included) or a computer USB port. The indicator light will show charging status and turn off when fully charged. A full charge typically takes 2-3 hours.

1800mAh

6 Hours Battery Time



SMALL SIZE AND BIG CAPABILITY



The camera features an 1800mAh battery, providing approximately 6 hours of continuous operation. Its small size belies its significant capability for various monitoring needs, including home security, baby monitoring, pet surveillance, and elderly care.

2. App Installation (V380 Pro)

To access all features and remote viewing, download the "V380 Pro" application on your smartphone.

1. Scan the QR code provided in the quick start guide or search for "V380 Pro" in your device's app store (iOS App Store or Google Play Store).
2. Install the application and create an account if you are a new user.



4K
ULTRA HD

Versatile design
act as both a
charger and a
hidden camera



Wifi



1080P



Night Vision



Wide Angle



Motion Detection



Loop Recording



A visual guide to connecting the camera: Step 1 involves downloading the "V380 Pro APP". Step 2 instructs to fully charge the camera and follow steps to connect to Wi-Fi (2.4G only). Step 3 indicates readiness for viewing.

3. Wi-Fi Connection

Ensure your camera is powered on. Follow the in-app instructions to add your camera and connect it to your 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.

4. Micro SD Card Installation

For local video storage, insert a Micro SD card (up to 128GB, Class 10 or higher recommended) into the designated slot. Ensure the camera is off before inserting or removing the card.

OPERATING INSTRUCTIONS

1. Recording Modes

The camera supports continuous recording and motion-activated recording. Configure your preferred mode within the V380 Pro app settings.

- **Continuous Recording:** Records constantly, overwriting older footage when the SD card is full (loop recording).
- **Motion Detection Recording:** Records only when motion is detected, saving storage space and battery life.



UHD Video Quality



A visual comparison demonstrating the superior clarity of 4K UHD video quality (2560P Full HD) captured by the camera, contrasted with standard 1080P resolution.

2. Night Vision

The camera is equipped with 8 invisible 940nm infrared lights and an IR-CUT function, enabling automatic switching to night vision mode in low-light conditions. This provides clear black-and-white footage without any visible red glow, ensuring discreet surveillance even in complete darkness.

3. Two-Way Audio

Utilize the built-in microphone and speaker for real-time two-way communication through the V380 Pro app. This allows you to listen in on the camera's surroundings and speak through the camera.

Two-Way Audio

Interact with your loved ones through the built-in high-powered speaker and high-sensitivity microphone. Smooth communication and clearer human voice capture.



The camera supports two-way audio, allowing users to interact with individuals near the camera. This image shows a baby and speech bubbles indicating communication, demonstrating the clear human voice capture.

4. Alarm Function (Siren)

In the event of detected motion or an intruder, you can manually activate a 105dB siren through the app to deter unwanted activity.

Warning an Alarm

When someone passes by, click on the "Alarm" button and the camera will emit an "alarm" to scare away thieves.



This image illustrates the camera's alarm function. When motion is detected, users can click the "Alarm" button in the app to activate a 105dB siren, designed to deter potential intruders.

5. Remote Viewing & Playback

Access live video streams and review recorded footage from your Micro SD card or cloud storage (if subscribed) anytime, anywhere via the V380 Pro app. The camera features AI human detection to minimize false alerts and provide relevant notifications.



AI Motion Detection

Cloud Storage saves alarm videos

The camera's AI Motion Detection feature sends alert notifications to your phone when human activity is detected. This image shows a user receiving an alert and the option for playback of recorded events, with cloud storage available for alarm videos.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid extreme temperatures. If storing for extended periods, charge the battery to about 50% every few months.
- **Firmware Updates:** Regularly check the V380 Pro app for available firmware updates to ensure optimal performance and security.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and moisture when not in use.

TROUBLESHOOTING

Problem	Possible Cause / Solution
---------	---------------------------

Problem	Possible Cause / Solution
Camera does not power on.	Battery is depleted. Charge the camera fully.
Cannot connect to Wi-Fi.	• Ensure you are connecting to a 2.4GHz Wi-Fi network. 5GHz networks are not supported. • Check Wi-Fi password accuracy. • Move the camera closer to the Wi-Fi router. • Reset the camera and try connecting again.
App is not working or crashing.	• Ensure the V380 Pro app is updated to the latest version. • Clear the app's cache and data, then restart the app. • Reinstall the app if the issue persists.
Poor video quality or lag.	• Check your Wi-Fi signal strength. A weak signal can affect streaming quality. • Ensure sufficient bandwidth on your network. • Clean the camera lens.
SD card not recording.	• Ensure the SD card is inserted correctly. • Format the SD card via the app settings. • Check if the SD card is full or corrupted. Try a different compatible SD card.

SPECIFICATIONS

Feature	Detail
Model Number	USA-Q18-JIAN07580-000001
Video Capture Resolution	2560x1440 (2K Ultra HD)
Effective Still Resolution	5 MP
Viewing Angle	160 Degrees
Night Vision Range	Up to 28 Feet (940nm IR)
Battery Capacity	1800 mAh (Dual Lithium)
Working Time	Approx. 5+ hours (continuous recording)
Standby Time	Up to 100 days
Storage	Micro SD Card (Max 128GB, not included)
Connectivity Protocol	Wi-Fi (2.4GHz only)

Feature	Detail
Compatible Devices	iOS/Android Phone, Windows/Mac PC
Control Method	V380 Pro App
Item Weight	1.28 ounces
Indoor/Outdoor Usage	Indoor, Outdoor (IP65 rated)

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your purchase or visit the official Rettru website. If you encounter any issues or have questions regarding your Rettru 4K Mini Spy Camera, please contact Rettru customer support through the contact information provided on their official website or through your purchase platform.

Online Resources:

- For the latest app updates and FAQs, refer to the V380 Pro app or its official support page.
- Visit the [Rettru Store on Amazon](#) for product information and updates.