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Rettru Q18

Rettru 4K Wireless WiFi Camera (Model Q18) User Manual

Comprehensive instructions for setup, operation, and maintenance.

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1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your Rettru 4K Wireless WiFi Camera, Model Q18. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This camera is designed for indoor and outdoor surveillance, offering high-resolution video and advanced detection features.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x Rettru Q18 Camera
- 1 x Magnetic Base
- 1 x Micro SD Card Reader
- 1 x USB Cable
- 1 x User Manual

3. PRODUCT OVERVIEW

The Rettru Q18 camera is a compact and versatile surveillance device. It features a 4K (2560x1440) resolution lens, a 160-degree wide-angle view, and an 1800mAh built-in battery for extended operation. Its small size allows for discreet placement.

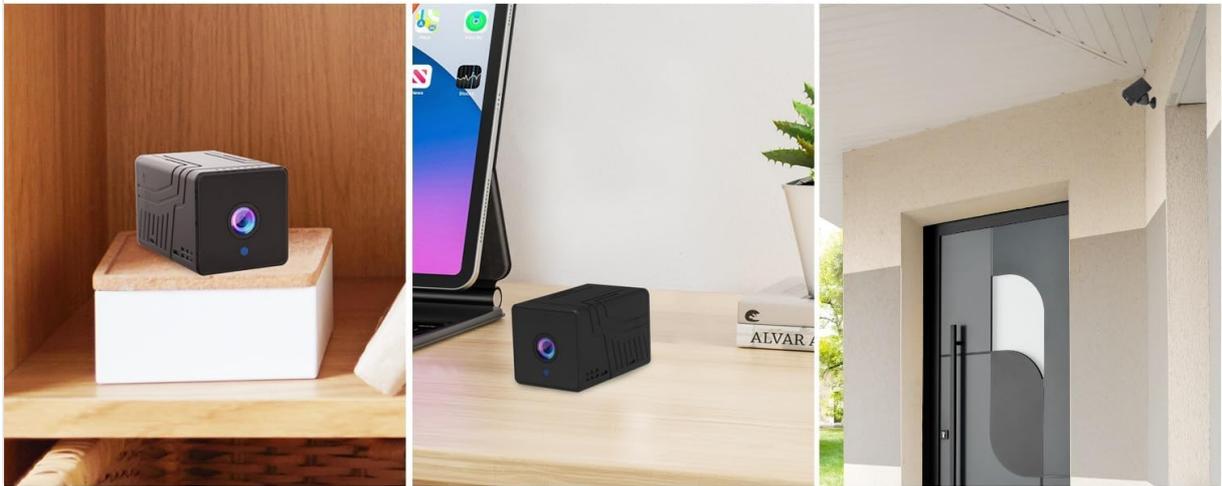
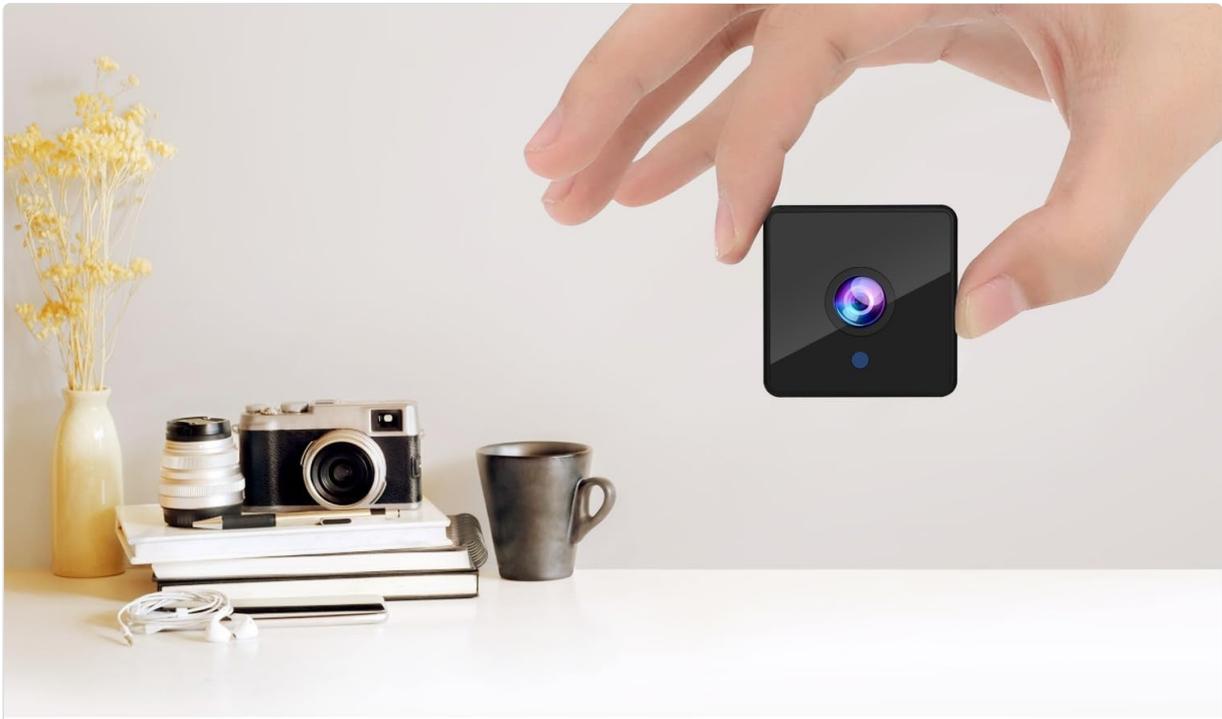


Figure 3.1: Front view of the Rettru Q18 camera with its magnetic base. This image highlights the compact design and the lens of the camera.

Super Tiny, Easy to Hide.

No drilling, No wiring.



Figure 3.2: The Rettru Q18 camera shown in different indoor and outdoor settings, demonstrating its small size and ease of concealment. The image illustrates its "Super Tiny, Easy to Hide" characteristic.

4. SETUP INSTRUCTIONS

4.1 Initial Charging

Before first use, fully charge the camera using the provided USB cable and a standard 5V USB power adapter (not included). The built-in 1800mAh battery provides approximately 6 hours of continuous recording or up to 100 days of standby time.



Figure 4.1: Graphic illustrating the 1800mAh battery capacity of the Rettru Q18 camera, highlighting its 6-hour continuous recording and 100-day ultra-long standby capabilities.

4.2 App Download and Connection

To operate the camera and access its features, you need to download the "V380 Pro" application on your smartphone.

1. **Download the App:** Search for "V380 Pro" in your smartphone's app store (Google Play Store for Android or Apple App Store for iOS) and install it.
2. **Power On Camera:** Turn on the Rettru Q18 camera. Refer to the camera's physical buttons for power control.
3. **Connect to Wi-Fi:** Follow the in-app instructions to connect the camera to your home Wi-Fi network.
Note: The camera only supports 2.4GHz Wi-Fi networks. Ensure your router is configured for 2.4GHz or has a mixed mode enabled.
4. **Live View:** Once connected, you can access the live video feed and control the camera through the V380 Pro app.

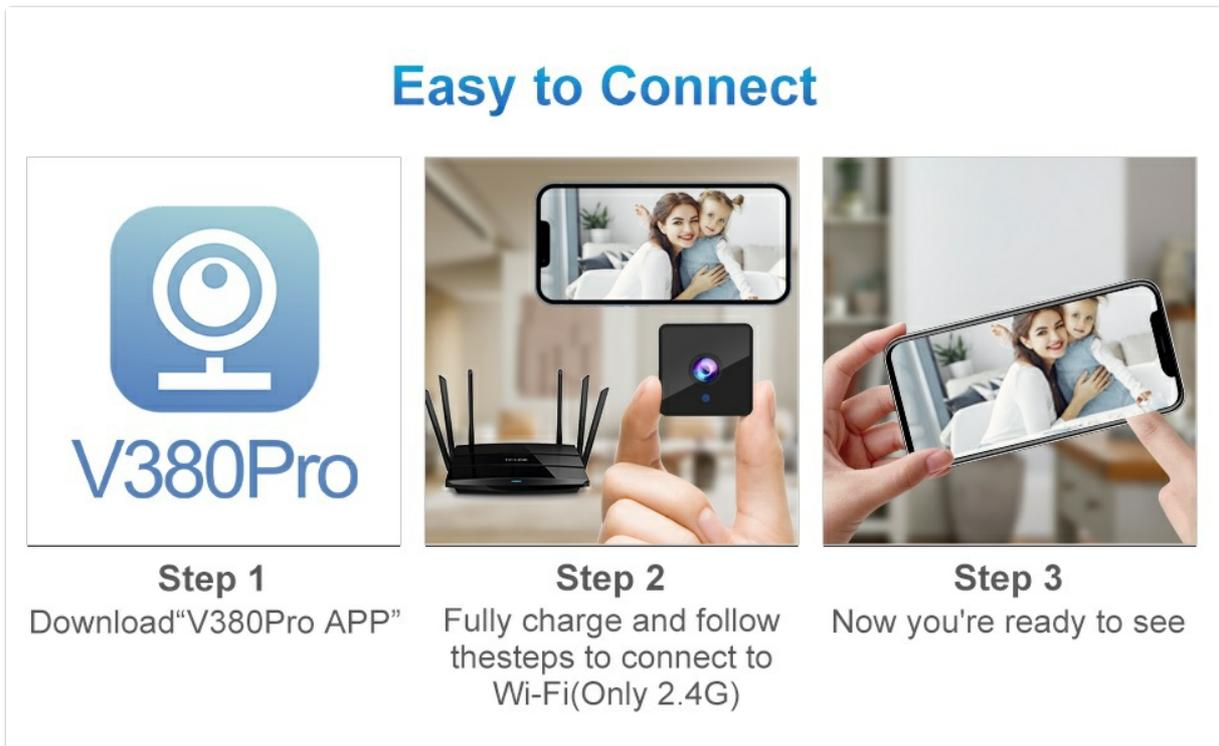


Figure 4.2: Visual guide for connecting the Rettru Q18 camera using the V380 Pro app, showing steps for app download, charging, and Wi-Fi connection.

5. OPERATING INSTRUCTIONS

5.1 Live Video Monitoring

Open the V380 Pro app on your smartphone. Select your camera from the device list to view the live 2K Ultra HD video feed. You can pan, tilt, and zoom digitally within the app if supported by the camera's software.

5.2 Recording and Storage

The camera supports local storage via a Micro SD card (up to 128GB). Insert the Micro SD card into the designated slot on the camera. The camera will automatically begin recording based on your settings (e.g., continuous recording, motion-activated recording). Recorded video files are in AVI format. **Note:** Due to Amazon's policy, recorded videos do not include audio.

5.3 Night Vision

The Rettru Q18 camera is equipped with 8 straw hat 940nm infrared lights for automatic night vision. The IR-CUT feature ensures clear black and white video in low-light conditions, with a night vision range of up to 28 feet. The camera automatically switches between day and night modes.



Figure 5.1: Comparison of day and night vision capabilities of the Rettru Q18 camera, showing automatic IR ON/OFF and enhanced night vision up to 26ft.

5.4 Motion Detection and Alerts

The camera features AI Human Detection, which can distinguish human movement from other motions, reducing false alarms. When motion is detected, the camera can send alert notifications to your smartphone via the V380 Pro app. You can also activate a built-in 105dB siren through the app to deter intruders.



Figure 5.2: Illustration of the camera's alarm function, showing a user activating a 105dB siren via the app to deter a potential intruder.

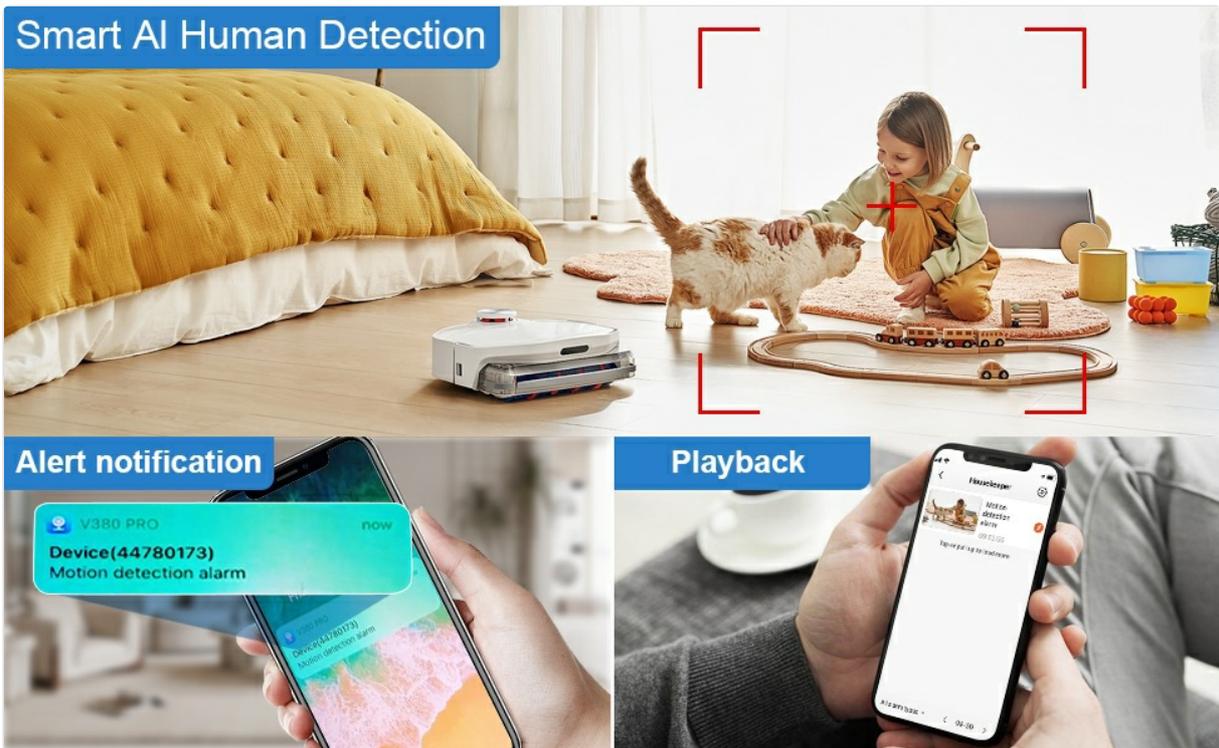


Figure 5.3: Depiction of the Smart AI Human Detection feature, showing how the camera identifies human movement and sends alert notifications to the V380 Pro app.

5.5 Two-Way Communication

The camera supports two-way communication through its built-in high-powered speaker and high-sensitivity microphone. This allows you to interact with individuals near the camera via the V380 Pro app. Please note that while two-way communication is supported, recorded video files do not contain audio.



Figure 5.4: An image illustrating the two-way audio capability of the Rettru Q18 camera, showing communication between a parent and a child.

6. KEY FEATURES

- **Ultra HD 2K Resolution:** Records video at 2560x1440 (5 Megapixels) for clear and detailed footage.
- **Wide Viewing Angle:** 160-degree lens captures a broad area.
- **Long Battery Life:** Equipped with an 1800mAh dual lithium battery, offering up to 6 hours of continuous recording or 100 days of standby.
- **Enhanced Night Vision:** Automatic IR-CUT with 940nm infrared lights provides clear night vision up to 28 feet without a visible red glow.
- **AI Human Detection:** Intelligent motion detection reduces false alarms by focusing on human shapes.
- **Instant Alerts & Siren:** Receive smartphone notifications upon motion detection and activate a 105dB siren remotely.
- **Two-Way Communication:** Speak and listen through the camera via the V380 Pro app (recorded video is without audio).
- **Local Storage:** Supports Micro SD cards up to 128GB for video storage.
- **Compact Design:** Small and lightweight, suitable for discreet placement indoors or outdoors (IP65 rated).
- **Wi-Fi Connectivity:** Connects to 2.4GHz Wi-Fi networks for remote access.

7. MAINTENANCE

7.1 Cleaning the Camera

To maintain optimal performance, regularly clean the camera lens and body. Use a soft, dry cloth to wipe away dust and smudges. For stubborn dirt on the lens, use a lens cleaning solution specifically designed for optical surfaces. Avoid using harsh chemicals or abrasive materials.

7.2 Battery Care

To prolong battery life, avoid exposing the camera to extreme temperatures. If storing the camera for an extended period, ensure it is partially charged (around 50%) and recharge it every few months to prevent deep discharge.

7.3 Firmware Updates

Periodically check the V380 Pro app for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features, security enhancements, and bug fixes.

8. TROUBLESHOOTING

Problem	Possible Solution
Camera not powering on.	Ensure the camera is fully charged. Connect it to a power source using the USB cable and check if the charging indicator light is on.
Unable to connect to Wi-Fi.	<ul style="list-style-type: none">Confirm your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.Ensure the camera is within range of your Wi-Fi router.Double-check your Wi-Fi password.Restart your router and the camera, then try connecting again.
Poor video quality or lag.	<ul style="list-style-type: none">Check your Wi-Fi signal strength. Move the camera closer to the router if necessary.Ensure your internet connection is stable and has sufficient bandwidth.Clean the camera lens.
Motion detection alerts are not received.	<ul style="list-style-type: none">Verify that motion detection is enabled in the V380 Pro app settings.Check your smartphone's notification settings to ensure the V380 Pro app has permission to send alerts.Adjust the motion detection sensitivity in the app.
SD card not recording.	<ul style="list-style-type: none">Ensure the Micro SD card is inserted correctly.Format the SD card through the V380 Pro app.Check if the SD card is full; if so, enable loop recording or replace it.Verify that recording settings are enabled in the app.

9. SPECIFICATIONS

Feature	Detail
Model Number	Q18

Feature	Detail
Video Capture Resolution	2K (2560x1440)
Effective Still Resolution	5 MP
Viewing Angle	160 Degrees
Connectivity Protocol	Wi-Fi (2.4GHz only)
Controller Type	V380 Pro App
Power Source	Battery Powered (1800mAh Lithium Ion)
Battery Life	Approx. 6 hours continuous recording, 100 days standby
Night Vision Range	Up to 28 Feet
Storage	Micro SD Card (up to 128GB, not included)
Video Capture Format	AVI
Alert Type	Motion Only (AI Human Detection)
International Protection Rating	IP65
Item Weight	75 Grams (2.65 ounces)
Product Dimensions	21.6 x 13.3 x 13.3 inches (packaging dimensions, actual camera is smaller)
Manufacturer	Rettru

10. SAFETY INFORMATION

- Do not expose the camera to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Use only the provided USB cable for charging.
- Keep the camera and its accessories out of reach of children and pets.
- Do not attempt to disassemble or modify the camera. This will void the warranty and may cause damage.
- Ensure the camera is installed securely to prevent it from falling.
- Respect privacy laws and regulations when using surveillance equipment.

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Rettru website. Keep your purchase receipt as proof of purchase for any warranty claims.

