

Shaopao RD081

Shaopao Mini Wireless WiFi Security Camera RD081 User Manual

Model: RD081

1. PRODUCT OVERVIEW

The Shaopao Mini Wireless WiFi Security Camera RD081 is a compact surveillance device designed for indoor and outdoor monitoring. It features 1080P HD video resolution, a 150° wide-angle lens, and enhanced night vision capabilities. The camera supports AI motion detection with adjustable sensitivity, sending real-time alerts to your smartphone via a dedicated application. It operates without a built-in battery and requires continuous external power.

Key Features:

- **1080P HD Video:** Captures clear video with a 150° wide-angle view.
- **Compact Design:** Small form factor for discreet placement.
- **Upgraded Night Vision:** Invisible IR lights for monitoring in low-light conditions.
- **AI Motion Detection:** Sends alarm notifications with images to your phone.
- **Continuous Operation:** Designed for constant power connection, no built-in battery.
- **Remote Viewing:** Access live video streams from anywhere via the mobile application.
- **Local Storage:** Supports Micro SD card for video recording.



The Shaopao Mini Wireless WiFi Security Camera RD081 is designed for discreet placement due to its compact size.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Shaopao Mini Wireless WiFi Security Camera RD081
- USB Cable
- User Manual

3. PRODUCT DIAGRAM

FULL HD
1080P

MINI WIFI CAMERA



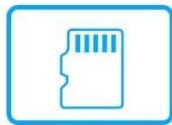
1080P



AP Hotspot



Night Vision



TF Card Slot



Remote View



WIFI



Overview of the camera's features and compact dimensions.

The camera features a lens, IR lights for night vision, a Micro SD card slot, and an ON/OFF switch. Specific button locations and indicators will be detailed in the full manual.

4. SETUP GUIDE

4.1 Powering the Device

The Shaopao Mini Wireless WiFi Security Camera RD081 does not have a built-in battery and requires continuous external power for operation. Connect the camera to a power source using the provided USB cable.

- **Power Bank:** For portable use, connect to a power bank (e.g., 10000mAh for approximately 24 hours, 20000mAh for approximately 48 hours).
- **USB Socket/Wall Charger:** For continuous, fixed surveillance, connect to a standard AC100-250V power socket or a wall charger.

Choice for long time

No built-in Battery.

if used, it must be connected to portable or fixed power supply.



The camera requires a continuous external power supply for operation.

4.2 Inserting a Micro SD Card

To enable local video recording, insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera. The camera supports loop recording, overwriting older footage when the card is full.

Wireless WIFI,

Viewing Live Streaming Video anywhere, anytime



Insert a Micro SD card for local video storage and loop recording.

4.3 App Installation and Connection

Download the recommended mobile application (refer to the packaging or included quick start guide for the specific app name) from your smartphone's app store. Follow the in-app instructions to connect your camera.

There are three primary ways to connect your camera:

1. **Micro SD Card Only:** No network required. Turn on the device, and it will automatically begin recording to the Micro SD card.
2. **Connect to Wireless Router:** For real-time remote viewing from anywhere, connect the camera to your home or office wireless router via the app.
3. **Point-to-Point (Hotspot) Connection:** Connect your smartphone directly to the camera's built-in hotspot when you are within close proximity to the camera.



Night Vision & Loop WORKING



5.20



6.12



7.14



8.13



9.30



10.01

Choose from three connection methods based on your monitoring needs.

5. OPERATION

5.1 Live View and Remote Access

Once connected to your wireless router, open the mobile application to access the live video feed from your camera. This allows you to monitor your premises from any location with internet access.

Phone APP Real Time Remote View

One camera can be used by multiple users at the same time, and it can support multiple terminals.



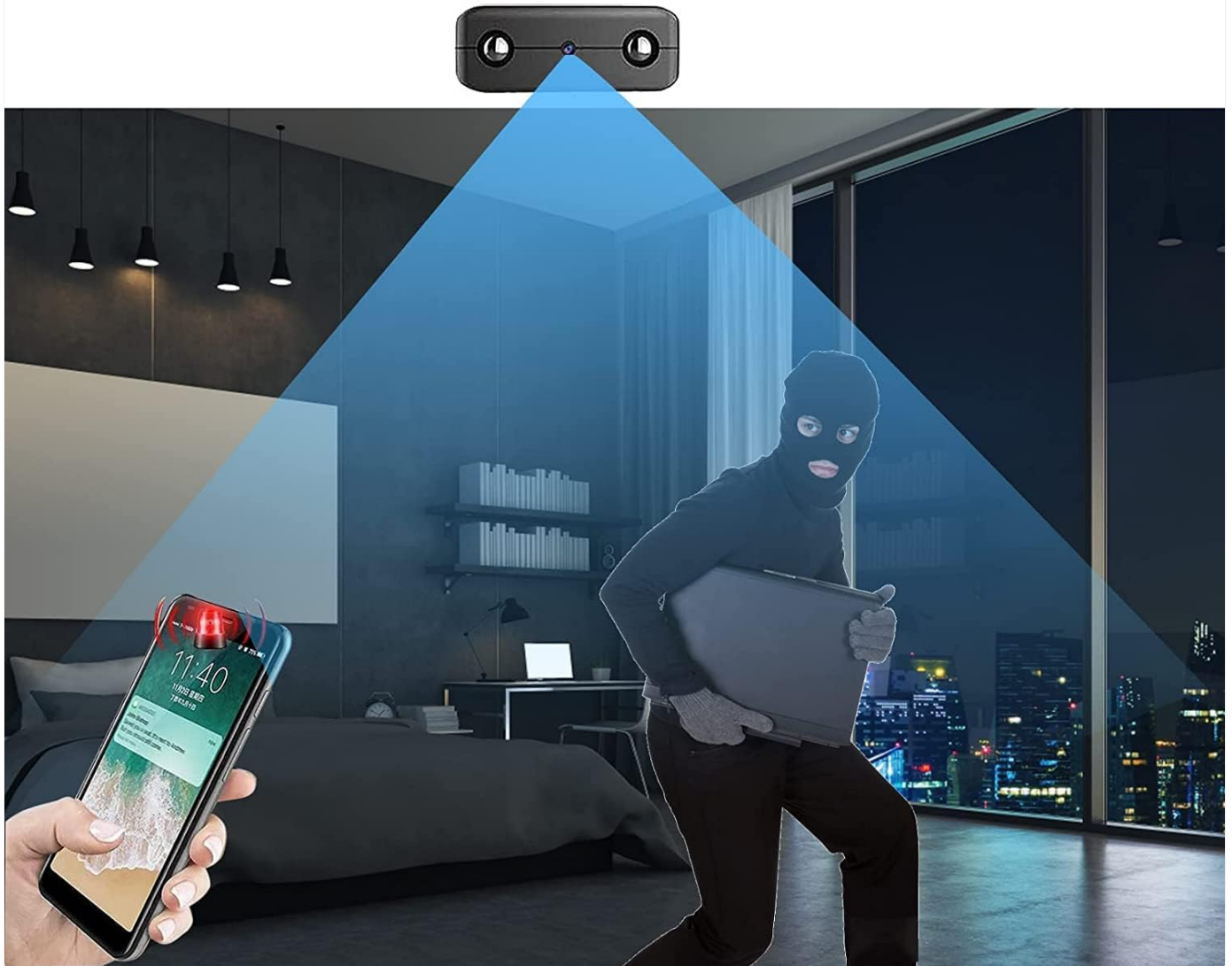
Monitor various areas simultaneously with real-time remote viewing on your smartphone.

5.2 Motion Detection and Alerts

The camera is equipped with AI motion detection. When motion is detected within the camera's field of view, it will trigger an alarm and send notifications with images directly to your smartphone via the app. The sensitivity of the motion sensor can be adjusted within the application settings.

Instant Alarm Function

Once a motion is detected, the small camera will send alarm notification with images to your phone.



Receive instant alarm notifications on your phone when motion is detected.

5.3 Night Vision

The camera features upgraded night vision technology with invisible IR lights, allowing for discreet monitoring in complete darkness. This ensures continuous surveillance without visible light emissions from the camera.

3 WAYS OF CONNECTIONS

WAY 1: No network required, turn on the device to automatically work



WAY 2: Connect camera to wireless router: view real-time video anywhere



WAY 3: Connect directly by point to point when smartphone is near camera



The camera provides clear night vision for 24/7 monitoring.

5.4 Recording and Storage

Videos are recorded to the inserted Micro SD card. The camera supports loop recording, automatically overwriting the oldest files when the storage is full to ensure continuous operation. Cloud storage options may also be available through the mobile application, depending on service availability.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using liquid cleaners or abrasive materials.
- **Power Supply:** Always use a stable and appropriate power source as specified.
- **Environmental Conditions:** Operate the camera within recommended temperature and humidity ranges. Avoid extreme heat, cold, or moisture.
- **Firmware Updates:** Periodically check the mobile application for any available firmware updates to ensure optimal performance and security.

7. TROUBLESHOOTING

- **Camera Not Powering On:** Ensure the USB cable is securely connected to both the camera and a functional power source. Remember, the camera has no internal battery.
- **Cannot Connect to Wi-Fi:**
 - Verify your Wi-Fi network is 2.4GHz, as the camera may not support 5GHz networks.
 - Ensure the camera is within range of your Wi-Fi router.
 - Restart your router and the camera, then attempt connection again.
 - Check that the Wi-Fi password entered in the app is correct.

• **Poor Video Quality:**

- Ensure your internet connection is stable and strong for remote viewing.
- Clean the camera lens for any smudges or dust.
- Verify the camera is set to 1080P resolution in the app settings if available.



1080P HD resolution provides clearer video compared to 720P.

• **Micro SD Card Not Recording:**

- Ensure the Micro SD card is inserted correctly.
- Format the Micro SD card using the option in the camera app or on a computer.
- Check if the card is full; loop recording should manage this, but verify.
- Test with a different Micro SD card to rule out card malfunction.

• **Motion Detection Not Working:**

- Ensure motion detection is enabled in the app settings.
- Adjust the sensitivity settings.
- Verify that app notifications are enabled on your smartphone.

8. SPECIFICATIONS

Feature	Specification
Model Name	RD081
Brand	Shaopao
Video Capture Resolution	1080p
Connectivity Technology	Wireless (Wi-Fi)
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	External Power (No Built-in Battery)
Controller Type	APP
Special Features	HD Resolution, Motion Sensor, Night Vision

Feature	Specification
Item Dimensions (L x W x H)	1.3 x 1.3 x 0.28 inches
Item Weight	0.634 ounces
Included Components	Camera set (Camera, USB Cable, Manual)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or the official Shaopao website. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question