Sansnail SQ11

Sansnail SQ11 Mini Camera User Manual

Model: SQ11 - 1080P Portable HD Camera

Introduction

The Sansnail SQ11 Mini Camera is a compact and versatile device designed for various surveillance and recording needs. This portable camera offers Full HD 1080P video recording, night vision, and motion detection capabilities, making it suitable for home security, monitoring babies or pets, and outdoor activities. Its small size allows for discreet placement and easy portability.

Key features include: 1080P Full HD recording (1920x1080P, 1280x720P), approximately 60 minutes of working time at 1080P 30fps, support for up to 32GB TF card (not included), high-quality images, compact design, USB 2.0 high-speed transmission, night vision, and motion detection.

What's in the Box

- Sansnail SQ11 Mini Camera
- User Manual
- USB Cable (for charging and data transfer)
- Mounting Bracket
- Clip



Figure 1: Contents of the Sansnail SQ11 Mini Camera package.

Product Overview

Familiarize yourself with the components and controls of your SQ11 Mini Camera.



Figure 2: Sansnail SQ11 Mini Camera Component Diagram.

1. ON/OFF Key: Power button.

2. Mode Key: Button to switch between recording modes.

3. Infrared Lamp: Night vision LEDs.

4. LED Indicator: Status light.

5. Ultra Wide Angle: Camera lens.

6. TF Card Port: MicroSD card slot.

7. Mini USB Port: For charging and data transfer.

8. Reset Hole: For resetting the device.

9. Sling: Lanyard hole.

Setup

1. Charging the Camera

Before first use, fully charge the camera. Connect the provided USB cable to the camera's Mini USB Port (7) and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The LED indicator (4) will show charging status (refer to user manual for specific light patterns).

2. SD Card Installation and Formatting

The SQ11 Mini Camera requires a MicroSD (TF) card (up to 32GB, not included) to store recordings. It is crucial to format the SD card before its first use with the camera.

1. **Insert SD Card:** Gently insert the MicroSD card into the TF Card Port (6) until it clicks into place. Ensure the card is inserted in the correct orientation.
2. **Connect to Computer:** Use the provided USB cable to connect the camera to your computer.
3. **Access Disk Utility:** On your computer, open the Disk Utility (Mac) or Disk Management (Windows). The camera's SD card should appear as a removable drive (e.g., "NO NAME").
4. **Format SD Card:** Select the SD card drive. Choose the "Erase" or "Format" option. Select "MS-DOS (FAT)" or "FAT32" as the file system format. Confirm the formatting process. This will erase all data on the card.

5. **Eject Safely:** Once formatting is complete, safely eject the SD card from your computer before disconnecting the camera.

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Video 1: Demonstrates how to insert and format the SD card for the SQ11 Mini Camera. This video shows the physical insertion of the MicroSD card into the camera, connecting the camera to a computer, and navigating through the computer's disk utility to format the card to the FAT32 file system. It highlights the importance of proper formatting for camera functionality.

Operating Instructions

1. Power On/Off

- **Power On:** Press and hold the ON/OFF Key (1) for a few seconds until the LED indicator (4) lights up.
- **Power Off:** Press and hold the ON/OFF Key (1) for a few seconds until the LED indicator (4) turns off.

2. Video Recording (1080P / 720P)

- **Start Recording (720P):** With the camera powered on and in standby mode (steady blue LED), press the ON/OFF Key (1) once. The blue LED will flash a few times and then turn off, indicating that 720P video recording has started.
- **Switch to 1080P:** While in 720P recording mode, press the Mode Key (2) once. The LED indicator will change (e.g., from blue to red/blue combination) indicating 1080P standby mode. Press the ON/OFF Key (1) once to start 1080P recording.
- **Stop Recording:** During recording, press the ON/OFF Key (1) once. The camera will save the current video file and return to standby mode (steady blue LED).

3. Motion Detection Recording

The motion detection feature allows the camera to record only when movement is detected, conserving battery and storage space.

- **Activate Motion Detection:** With the camera powered on and in standby mode (steady blue LED), press and hold the Mode Key (2) for a few seconds. The LED indicator will flash a specific pattern (refer to manual for exact pattern) and then turn off, indicating that motion detection recording is active. The camera will now record only when motion is detected.
- **Stop Motion Detection:** To stop motion detection recording and return to standby mode, press the ON/OFF Key (1) once.

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Video 2: Illustrates how to activate and use the motion detection feature on the SQ11 Mini Camera. The video demonstrates the button presses required to enter motion detection mode and shows how the camera's LED indicator behaves when motion detection is active. It also shows a brief example of motion being detected and recorded.

4. Night Vision

The camera is equipped with infrared lamps (3) for night vision. These LEDs are typically invisible to the human eye.

- **Activate Night Vision:** While the camera is in standby mode (steady blue LED), press and hold the ON/OFF Key (1) for approximately 2 seconds. The LED indicator will flash, and the infrared lights will activate.
- **Deactivate Night Vision:** Repeat the same process to turn off night vision.

5. Taking Pictures

- **Take a Photo:** From standby mode (steady blue LED), press the Mode Key (2) once to enter photo mode. The LED indicator will change (e.g., to a steady red light). Press the ON/OFF Key (1) once to take a picture. The LED will flash once to confirm the photo has been taken.

Viewing Recordings

To view your recorded videos and photos, you will need to connect the camera to a computer or use an SD card reader.

1. **Connect to Computer:** Ensure the camera is powered off. Connect the camera to your computer using the provided USB cable. The camera will be recognized as a removable disk.
2. **Access Files:** Open the removable disk drive. You will find folders for "VIDEO" and "PHOTO" (or similar). Your recordings will be in AVI format.
3. **Play Files:** Use any standard media player on your computer to play the AVI video files.

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Video 3: Provides a review of the SQ11 Mini Camera, including a demonstration of its video and audio recording capabilities. This video shows sample footage recorded by the camera, highlighting its resolution and the presence of a timestamp on the recordings. It also briefly touches upon the camera's compact design and ease of use.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the camera regularly, even if not in use.

Troubleshooting

Problem	Possible Cause	Solution
Camera does not turn on.	Low battery; Device malfunction.	Charge the camera fully. If problem persists, try resetting the device using the Reset Hole (8).
Camera does not record.	No SD card; SD card not formatted; Full SD card; SD card error.	Ensure an SD card is inserted. Format the SD card (see Setup section). Delete old files or use a new SD card.
Video quality is poor.	Low light conditions; Incorrect resolution setting.	Ensure adequate lighting or activate night vision. Switch to 1080P recording mode.
Camera not recognized by computer.	Faulty USB cable; Driver issue; Camera not in correct mode.	Try a different USB cable or USB port. Ensure camera is powered off before connecting.

Specifications

- **Product Dimensions:** 0.98 x 0.94 x 0.94 inches
- **Item Weight:** 0.704 ounces
- **Video Capture Resolution:** 1080p (1920x1080), 720p (1280x720)
- **Max External Card Supported:** TF 32G (not included)
- **Working Time:** About 60 minutes at 1080P 30fps
- **Battery Power Rating:** 200 Milliampere Hour (mAh)
- **Connectivity Technology:** Wired (USB)
- **Special Features:** 1080P, mini camera, night vision, motion detection

- **Color:** Black

Warranty and Support

The Sansnail SQ11 Mini Camera comes with a lifetime warranty, as indicated on the product packaging. For specific warranty claims or technical support, please refer to the contact information provided by the seller at the time of purchase. Additionally, a 30-day refund/replacement return policy is typically available through the retailer.