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› Mini Spy Camera SQ11 User Manual

cainda sq11

Cainda Mini Spy Camera SQ11 User Manual

Model: SQ11

1. INTRODUCTION

Thank you for choosing the Cainda Mini Spy Camera SQ11. This compact and versatile camera is designed for various surveillance and recording needs, offering high-definition video, night vision, and motion detection capabilities. Please read this manual carefully to ensure proper use and optimal performance of your device.



Image: The Cainda Mini Spy Camera SQ11, shown with its adjustable stand, highlighting its compact size and design.

2. PRODUCT COMPONENTS

The package includes the following items:

- SQ11 Mini DV Camera
- USB/TV Out 2-in-1 Cable
- Camera Clip
- Camera Stand
- User Manual
- Bonus: 1 Dual-purpose Card Reader (for Android phones supporting OTG function)



Image: All components included in the SQ11 Mini DV Camera package, neatly laid out next to the product box and manual.

3. PRODUCT DIAGRAM AND PARTS IDENTIFICATION

Familiarize yourself with the different parts of your SQ11 camera:

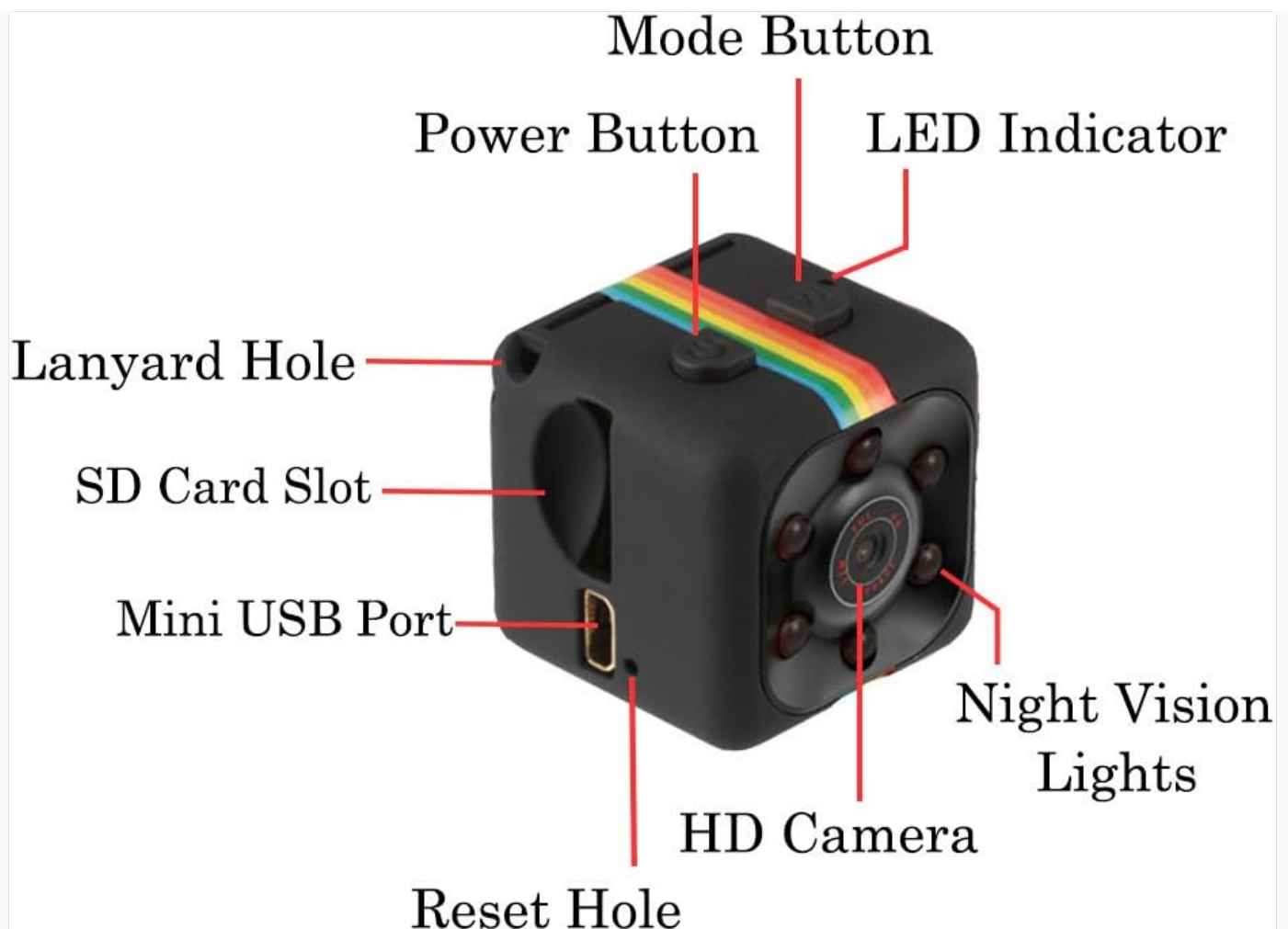


Image: A detailed diagram of the SQ11 camera, pointing out key components such as the Power Button, Mode Button, LED Indicator, Lanyard Hole, SD Card Slot, Mini USB Port, Reset Hole, HD Camera, and Night Vision Lights.

Power Button: Used to turn the device on/off and to start/stop recording.

Mode Button: Used to switch between video recording modes (720P/1080P) and photo mode.

LED Indicator: Displays the current status and mode of the camera (blue for 720P, red for 1080P/Photo).

Lanyard Hole: For attaching a lanyard or strap.

SD Card Slot: Insert your Micro SD card here (supports up to 32GB, not included).

Mini USB Port: For charging, data transfer, and TV output.

Reset Hole: Use a thin object to reset the device if it becomes unresponsive.

HD Camera: The main lens for capturing video and photos.

Night Vision Lights: Infrared (IR) LEDs for recording in low-light conditions.

4. SETUP

4.1. Inserting a Micro SD Card

The camera requires a Micro SD card (TF card) to function. Ensure the card is formatted to FAT32. Insert the Micro SD card into the SD Card Slot until it clicks into place. The camera will not operate normally without a Micro SD card inserted.

4.2. Charging the Camera

Before first use, fully charge the camera. Connect the camera to a USB power source (e.g., computer USB port, USB wall adapter) using the provided Mini USB cable. The red and blue indicator lights will illuminate during charging. Once fully charged, the lights will turn off or change color (refer to specific model behavior if different). A full charge provides approximately 60 minutes of recording time at 1080P 30fps.

Note: The camera's buttons may not operate when it is plugged into a USB port for charging or data transfer. This is normal behavior for this device.

5. OPERATING INSTRUCTIONS

5.1. Turning On the Camera

Insert a micro SD card. Press the **Power Button** for about 2 seconds. The blue and red indicator lights will bright and then only leave the blue light on. This indicates that the camera has entered 720P video standby mode (Blue light on).

5.2. Turning Off the Camera

Whenever the camera is in any mode, long press the **Power Button** for 5 seconds and then release it. The indicator lights will turn off, and the camera will shut down.

If the camera is in any standby mode and no operation is performed for 1 minute, it will shut down automatically to conserve battery.

5.3. 720P Video Recording

When in 720P video standby mode (Blue light on), click the **Power Button** 1 time. The blue light will flash 3 times and then turn off, indicating that it has started recording 720P video. The camera will automatically save files every 5 minutes.

To stop recording, click the **Power Button** 1 time. The camera will stop recording and return to 720P video standby mode.

5.4. 1080P Video Recording

When in 720P video standby mode (Blue light on), click the **Mode Button** 1 time. This will switch the camera to 1080P video standby mode (Both blue and red lights on).

Then, click the **Power Button** 1 time. The red light will flash 3 times (while the blue light remains on), and then both lights will turn off, indicating that it has started recording 1080P video. The camera will automatically save files every 5 minutes.

To stop recording, click the **Power Button** 1 time. The camera will stop recording and return to 1080P video standby mode.

5.5. Taking Photos

When in 1080P video standby mode (Both blue and red lights on), click the **Mode Button** 1 time. This will switch the camera to Photo standby mode (Red light on).

Then, click the **Power Button** 1 time. The red light will flash 1 time, indicating that a photo has been taken. The camera will then return to Photo standby mode.

5.6. Motion Detection

The camera features a motion detection mode. When enabled, the camera will automatically start recording when motion is detected in its field of view. This feature helps conserve battery life and storage space by only recording when necessary.



Image: An illustration demonstrating the motion detection capability of the SQ11 camera, showing it detecting movement in a room.

5.7. Night Vision

The SQ11 camera is equipped with 6 IR LED lights for night vision, allowing it to record clearly in low-light or dark conditions within a range of 3-5 meters. The camera automatically activates infrared night vision when light levels are low.

Night Vision

Spying on everything
clearly in the dark



Loop Recording

Automatically cover
the oldest file when
TF card is full

Image: Visual representation of the camera's night vision capability, showing clear recording in darkness, alongside an illustration of the loop recording function.

5.8. Loop Recording

When the Micro SD card is full, the camera's loop recording feature will automatically overwrite the oldest files to make space for new recordings. This ensures continuous recording without manual intervention.

6. CONNECTIVITY

6.1. Connecting to a Computer (USB Mode)

You can connect the SQ11 camera to your computer using the provided Mini USB cable. Once connected, the camera will be recognized as a removable drive, allowing you to access and transfer recorded video and photo files. The system supports Windows XP/2003/2007/2008/2010/Vista, Mac OS, and Linux.

6.2. TV Output

The camera supports TV output, allowing you to connect it to a TV monitor to view live footage or playback recorded

videos. Use the provided USB/TV Out 2-in-1 cable for this connection.



Image: Demonstrates how the camera can be used with its clip and stand, and illustrates the various functions of the USB cable: charging, data transmission, and TV output.

6.3. Using the Bonus Card Reader

A dual-purpose card reader is included as a bonus. This reader allows you to connect your Micro SD card directly to both computers and compatible Android mobile phones (those supporting OTG function) to view recorded content without needing the camera.

Plus a Free Card Reader



Image: Shows the bonus dual-purpose card reader and how it connects to an Android smartphone, enabling direct viewing of recorded files.

7. SPECIFICATIONS

Feature	Description
Product Color	Black
Video Resolution	1280x720P / 1920x1080P
Video Format	AVI
Picture Resolution	JPG 12M (4032x3024)
Frame Rate	30 fps
Motion Detection	Yes
Loop Recording	Yes
Night Vision	Yes (3-5 meters infrared)
Storage Support	Max 32GB TF card (Micro SD card, not included)
Battery Capacity	200mAh Lithium Polymer
Working Time	Approx. 60 minutes at 1080P 30fps
Charging Interface	Mini 8 pin USB
Product Size (L x W x H)	0.9 x 0.9 x 0.9 inches
Compatible OS	Windows XP/2003/2007/2008/2010/Vista; Mac OS; Linux

8. TROUBLESHOOTING

- **Camera does not turn on:**

Ensure the battery is charged. Connect to a power source and allow it to charge for at least 30 minutes before attempting to turn it on again. Make sure a Micro SD card is inserted.

- **No video recording / Camera not saving files:**

Verify that a Micro SD card is properly inserted and formatted (FAT32). Check if the card is full; if so, loop recording should overwrite old files, but a faulty card or formatting issue could prevent this. Try a different Micro SD card. Ensure you are pressing the Power Button correctly to start recording after entering the desired standby mode.

- **Buttons do not respond when plugged in:**

This is normal behavior. The camera's buttons are typically inactive when connected to a USB port for charging or data transfer. Disconnect the camera from the USB port to operate it.

- **Poor video quality / Distorted video:**

Ensure the lens is clean. If recording from a moving vehicle or during rapid movement, some distortion may occur due to the camera's sensor type. Ensure sufficient lighting for optimal video quality, especially if not using night vision.

- **Camera turns off unexpectedly:**

The camera has an automatic shutdown feature after 1 minute of inactivity in standby mode. If it turns off during recording, the battery might be low. Ensure it is fully charged before extended use. Using night vision for prolonged periods can also drain the battery faster.

- **Cannot connect to computer / Computer does not recognize camera:**

Try a different USB port or cable. Ensure the camera is turned off before connecting to the computer. If using a card reader, ensure it is properly connected and the Micro SD card is inserted correctly.

9. MAINTENANCE

- Keep the camera clean. Use a soft, dry cloth to wipe the lens and body. Avoid using liquid cleaners.
- Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the camera to strong impacts.
- Do not attempt to disassemble the camera, as this will void any warranty and may cause damage.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided by your retailer or visit the official Cainda website. Keep your purchase receipt as proof of purchase.

Cainda is committed to providing high-quality products and services. For any issues or inquiries, please reach out to our customer support team.

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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

Answered questions about this manual

How do I connect the Caima SQ11 Mini Spy Camera to a video recorder or other devices?

The Caima SQ11 Mini Spy Camera can be connected to various devices using the included accessories. Here are the steps for each connection type: Connecting to a Computer (USB Mode): Use the provided Mini...

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