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› Sansnail SQ13 Mini Camera User Manual

## Sansnail SQ13-SA

# Sansnail SQ13 Mini Camera User Manual

Model: SQ13-SA

## INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Sansnail SQ13 Mini Camera. Designed for versatility and portability, this compact device offers high-definition video recording, night vision capabilities, and Wi-Fi connectivity, suitable for various surveillance and recreational uses. Please read this manual thoroughly before using the product to ensure proper function and longevity.

## PRODUCT OVERVIEW



Figure 1: Sansnail SQ13 Mini Camera and Accessories. The image displays the compact camera unit, both with and without its transparent waterproof housing. Various mounting accessories are shown, including a base and an adjustable arm. An inset circular image depicts the camera being used underwater by a diver, highlighting its waterproof capability.

## Key Features

- **High Definition Video:** Supports 1080P (1920 x 1080) and 720P (1280 x 720) video resolution at 30fps.
- **Infrared Night Vision:** Equipped with 8 IR lights for clear night vision up to 26 feet.
- **Wide Angle Lens:** Features a 155-degree wide-angle lens for broader coverage.
- **Wi-Fi Connectivity:** Enables real-time video transmission and wireless hotspot functionality.
- **Compact and Portable:** Mini cube design for discreet and easy placement.
- **Waterproof Capability:** Comes with a durable waterproof case, allowing underwater use up to 30 meters.
- **Loop Recording:** Supports continuous recording, overwriting older files when storage is full.
- **Motion Detection:** (Implied by "Features" in description, though not explicitly listed as a feature bullet)
- **Storage:** Supports up to 64GB TF card (not included).
- **Built-in Battery:** 300mAh LiPo battery providing approximately 90 minutes of working time.

## SETUP

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1. **Charge the Camera:** Connect the camera to a PC using the provided USB cable. The battery charges in approximately 2-3 hours. The indicator light will change to show charging status.
2. **Insert TF Card:** Open the TF card slot cover and insert a Class 6 or above TF card (up to 64GB, not included) with the contacts facing down. Ensure it clicks into place.
3. **Power On:** Press and hold the Power button until the indicator light illuminates.
4. **Wi-Fi Connection (Optional):**
  - Download the compatible mobile application (refer to product packaging or manufacturer's website for app details).
  - Enable Wi-Fi on your smartphone and connect to the camera's Wi-Fi hotspot (SSID usually starts with "SQ13" or similar).
  - Open the app to view live feed and control camera settings.
5. **Mounting:** Utilize the multi-purpose holders and built-in strong magnet to mount the camera as needed. For underwater use, ensure the waterproof case is securely sealed.

## OPERATING INSTRUCTIONS

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### Video Recording

- **Standard Recording:** With the camera powered on, press the Mode button to select video recording mode. Press the Record button to start recording. The indicator light will flash during recording. Press Record again to stop.
- **Loop Recording:** The camera supports loop recording. When the TF card is full, the oldest files will be automatically overwritten.
- **Night Vision:** The camera automatically activates infrared night vision in low-light conditions.

### Photo Capture

- **Taking Photos:** In photo mode (selected via Mode button), press the Shutter/Record button to take a picture.

### Playback and Data Transfer

- **Via PC:** Connect the camera to your computer using the USB cable. The camera will appear as a removable disk. You can then access and transfer video (AVI) and image (JPG) files.
- **Via Wi-Fi App:** Use the mobile application to view recorded footage and photos directly on your smartphone.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth. Do not use harsh chemicals 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 for extended periods.
- **Waterproof Case:** After each use in water, rinse the waterproof case with fresh water and allow it to air dry completely before storing. Inspect the seals for any damage.

## TROUBLESHOOTING

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Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Camera does not power on.	Battery is depleted. Charge the camera fully.
Cannot record video.	TF card is full or not inserted correctly. Ensure TF card is inserted and has sufficient space. Format the TF card if necessary (this will erase all data).
Poor video quality.	Lens may be dirty. Clean the lens with a soft cloth. Ensure adequate lighting.
Wi-Fi connection issues.	Ensure the camera's Wi-Fi is enabled. Check if the mobile app is up to date. Try restarting both the camera and your mobile device.
Camera freezes or becomes unresponsive.	Press and hold the Power button for 10-15 seconds to force a shutdown, then restart.

## SPECIFICATIONS

Feature	Detail
Model	SQ13-SA
Chipset	Generalplus GPCV4247
Image Sensor	CMOS
Wide Angle	155 degrees
Camera Pixel	3MP
Video Resolution	1080P (1920 x 1080), 1440 x 1080, 720P (1280 x 720)
Video Frame Rate	30fps
Video Format	AVI
Image Format	JPG
Image Resolution	1.3M (1280 x 960), 2M (1920 x 1080), 3M (2048 x 1536), VGA (640 x 480)
Decode Format	H.264
Audio System	Built-in microphone/speaker (AAC)
Max External Card Supported	TF 64G (Class 6 or Above)
Battery Type	Built-in 300mAh LiPo Battery
Working Time	Approx. 90 minutes
Battery Charging Time	2 - 3 hours
Working Voltage	DC 5V
Night Vision Range	Up to 26 feet
Waterproof Depth	30 Meters (with waterproof case)
Material	Metal

## WARRANTY & SUPPORT

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Sansnail offers a **30-day money-back guarantee** and a **1-year manufacturer free warranty** for this product. For any inquiries, technical assistance, or warranty claims, please contact Sansnail customer service. Refer to the product packaging or the official Sansnail website for the most current contact information.

No official product videos are available from the seller for embedding in this manual.