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› Sonew 1080P Sports Camera Head-Mounted Action Video Camcorder DVR Recorder User Manual

Sonew Sonew1nmgk43fr8-01

Sonew 1080P Sports Camera Head-Mounted Action Video Camcorder DVR Recorder User Manual

Model: Sonew1nmgk43fr8-01 | Brand: Sonew

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Sonew 1080P Sports Camera Head-Mounted Action Video Camcorder DVR Recorder. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.



Image 1.1: The Sonew 1080P Sports Camera, including the main camera unit, a USB charging cable, and a head mount strap.

2. PRODUCT FEATURES

- **High Definition Video:** Records in 1080P (1920*1080) at 30 frames per second, ensuring clear and detailed footage.
- **Wide Angle Lens:** Features a 120-degree ultra-wide-angle lens to capture a broader field of view.
- **Integrated Headlight:** Equipped with a super bright 3W LED headlight, offering a lighting distance of 5-10 meters.
- **One-Touch Operation:** Simple one-touch controls for video recording and turning on the LED headlight.
- **SOS Functionality:** Supports an SOS signal feature for emergency situations.
- **Built-in Microphone:** Captures audio with superior voice quality.
- **Night View Enhancement:** Designed for excellent performance in low-light conditions.
- **Loop Recording:** Supports 3-minute loop recording, automatically overwriting older footage when the memory card is full.

- **Extended Battery Life:** Offers approximately 6 hours of recording without the LED light, and 1.5 hours with the LED light on.
- **Storage:** Supports TF (Micro SD) cards up to a maximum of 32GB.
- **Compact and Portable:** Mini size and lightweight design make it suitable for various activities.
- **Versatile Application:** Ideal for outdoor sports, aerial photography, toy racing, rock climbing, running, mountain biking, motorcycling, and more.

1920*1080P HD resolution



1080p



Others

Image 2.1: Visual representation of the camera's 1920*1080P HD resolution capability, demonstrating clarity compared to lower resolution alternatives.

Full high definition, **120 degrees** ultra wide angle



Image 2.2: Diagram showing the 120-degree ultra-wide-angle field of view captured by the camera, useful for expansive scenes.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Sonew 1080P Sports Camera (Red)
- 1 x Head Mount Strap
- 1 x USB Charging Cable
- 1 x User Manual (this document)

4. SETUP

4.1 Charging the Camera

1. Connect the provided USB cable to the Mini USB port on the camera.
2. Plug the other end of the USB cable into a standard USB power adapter (DV 5V) or a computer's USB port.
3. The charging indicator light will illuminate. Charging typically takes about 2 hours.

4. Once fully charged, the indicator light will change or turn off (refer to specific light behavior in the next section).

4.2 Inserting a TF (Micro SD) Card

A TF card (not included) is required for recording video. The camera supports cards up to 32GB.

1. Locate the pop-out TF card slot on the side of the camera.
2. Gently insert the TF card into the slot with the gold contacts facing down until it clicks into place.
3. To remove, push the card in slightly until it pops out.



Image 4.1: The camera unit highlighting the TF card slot and a hand inserting a Micro SD card, along with icons representing one-touch recording, loop recording, 6-hour endurance, and 32GB TF card support.

4.3 Attaching the Head Mount

1. Align the camera unit with the mounting bracket on the head strap.
2. Slide the camera into the bracket until it securely locks into place.
3. Adjust the elastic strap to fit comfortably and securely around your head.



Image 4.2: The Sonew Sports Camera securely attached to the adjustable head strap, ready for use.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **To Power On:** Press and hold the Power button (usually the main function button) for a few seconds until the indicator light illuminates.
- **To Power Off:** Press and hold the Power button again for a few seconds until the indicator light turns off.

5.2 Video Recording

- Ensure a formatted TF card is inserted.
- With the camera powered on, press the Video Record button once to start recording. The indicator light will typically flash to indicate recording is in progress.
- Press the Video Record button again to stop recording. The indicator light will return to a steady state.
- The camera supports 3-minute loop recording. Older files will be overwritten automatically when the card is full.

5.3 Using the LED Headlight

- With the camera powered on, press the LED Light button once to turn on the headlight.
- Press the LED Light button again to cycle through different light modes (if available) or to turn off the headlight.



Image 5.1: The Sonew Sports Camera demonstrating its powerful LED headlight in operation, casting a bright beam.

5.4 SOS Function

- To activate the SOS function, press and hold the SOS button (if dedicated) or a combination of buttons as specified in the quick start guide. The LED light will flash in an SOS pattern.
- Press the button again to deactivate the SOS function.

5.5 Connecting to a Computer

- Connect the camera to your computer using the provided USB cable.
- The camera should appear as a removable disk drive. You can then access and transfer your video files.



Image 5.2: A side view of the camera, illustrating the placement of control buttons and the Mini USB port for charging and data transfer.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth and solution. Avoid harsh chemicals.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the TF card if storing for extended periods.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the camera regularly, even if not in use, to maintain battery health.
- **Water Resistance:** This camera is not waterproof. Avoid exposing it to water or moisture.

7. TROUBLESHOOTING

- **Camera not turning on:** Ensure the battery is charged. Connect to a power source and try again.
- **Cannot record video:** Check if a TF card is inserted correctly and if it has sufficient free space. Format the TF card if necessary (this will erase all data).

- **Poor video quality:** Ensure the lens is clean. Check lighting conditions.
- **Computer not recognizing camera:** Try a different USB port or cable. Ensure the camera is powered on when connected.
- **Short battery life:** Ensure the camera is fully charged. Note that using the LED headlight significantly reduces battery life.

8. SPECIFICATIONS

Feature	Specification
Model	Sonew1nmgk43fr8-01
Video Format	AVI
Video Resolution	1080P (1920*1080) @ 30fps
Loop Recording	3 minutes
TF Card Support	Maximum 32GB
Battery Type	Built-in Lithium-ion battery
Battery Capacity	1000 mAh
Battery Life (Light-on recording)	Approx. 1.5 hours
Battery Life (Light-off recording)	Approx. 6 hours
Input Voltage	DV 5V
Charging Time	Approx. 2 hours
Lens	1.3MP HD camera module
LED Light Power	3W
Lighting Distance	5-10 meters
Wide Angle	120°
Interface Type	Mini USB, Pop-out TF card slot
Working Temperature	10 - 50°C
Dimensions	2.76 x 2.76 x 2.76 inches
Item Weight	2.11 ounces
Color	Red

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact Sonew customer service through their official channels. Keep your purchase receipt as proof of purchase.