

SYDYAM R1-64G

SYDYAM R1 4K Body Camera User Manual

Model: R1-64G

1. INTRODUCTION

This manual provides detailed instructions for the SYDYAM R1 4K Body Camera. Please read this manual thoroughly before using the device to ensure proper operation and to maximize its performance and longevity. This body camera is designed for reliable video and audio recording in various environments, including law enforcement, security, and personal use.

2. PRODUCT OVERVIEW

2.1 What's in the Box

- 1 x SYDYAM R1-4K Camera
- 2 x 2350mAh Batteries (one pre-installed)
- 1 x Charging Base
- 1 x USB-C Cable
- 1 x Short Rotating 360° Clip
- 1 x Long Rotating 360° Clip
- 1 x User Manual

PRODUCT ACCESSORIES

- SYDYAM R1 Body Camera X 1
- Short Back Clip X 1; Long Shoulder Clip X 1
- Charger Base X 1
- Battery X 2(one in the camera)
- USB Cable X 1
- User Manual X 1



Charger Base X 1



USB Cable X 1



Long Shoulder Clip X 1



Short Back Clip X 1



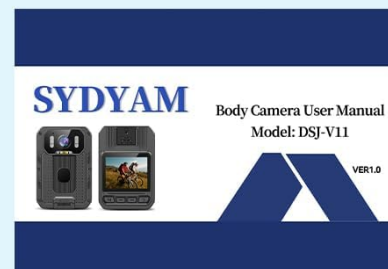
Charger Base X 1



Battery X 2
(one in the camera)



SYDYAM R1 Body Camera X 1



User Manual X 1

Image: The SYDYAM R1 Body Camera kit, including the camera, two batteries, charging base, USB-C cable, short clip, long clip, and user manual.

2.2 Key Features

- **Ultra HD 4K Video Quality:** Supports 2160P/4K HD video recording with 40 megapixels and a 2-inch LCD for clear image quality.
- **Advanced Night Vision:** Equipped with 6 infrared lamps for clear footage up to 15m/50ft in dark conditions.
- **Extended Battery Life:** Two 2350mAh batteries provide 13-15 hours of recording (1080P, night vision off).
- **Efficient Video Encoding:** Utilizes H.265 video encoding to save storage space and reduce file transfer time compared to H.264.
- **Durable and Waterproof:** IP68 waterproof rating ensures protection against heavy rain and impact from a 2-meter fall.
- **Wide-Angle Lens:** Special wide-angle lens minimizes distortion for realistic shooting.
- **Built-in 64GB Memory:** Integrated storage for immediate use.

4K Ultra HD Video

Equipped with a high-end Sony sensor and premium lens, it captures true 4K HD footage with accurate color reproduction



Image: The SYDYAM R1 4K Body Camera highlighting its high-end sensor and premium lens for true 4K footage.

Distortion-Free Wide-Angle Recording

With a high-quality lens design and a 1/2.8-inch sensor, it captures every detail with authentic 170° FOV



Image: A visual comparison demonstrating the distortion-free wide-angle recording capability of the SYDYAM R1, capturing details with a 170° field of view.

3. SETUP

3.1 Battery Installation and Removal

The SYDYAM R1 Body Camera comes with two 2350mAh batteries, one of which is typically pre-installed. To install

or remove a battery:

1. Locate the battery compartment on the back of the camera.
2. Gently slide the battery cover open or use the provided tool if necessary.
3. Insert the battery, ensuring the contacts align correctly.
4. Close the battery cover securely.

Your browser does not support the video tag.

Video: This video demonstrates the process of battery removal and installation, as well as how to attach the clips to the SYDYAM R1 Body Camera.

3.2 Charging the Batteries

Use the included charging base and USB-C cable to charge the batteries. The charging base allows for simultaneous charging of a spare battery while the camera is in use or charging its internal battery.

1. Connect the USB-C cable to the charging base and a power source.
2. Place the camera into the charging base, or insert a spare battery into the designated slot.
3. The charging indicator will show the charging status.



Image: The SYDYAM R1 Body Camera shown with its dual battery system and charging dock, illustrating its extended power capabilities.

3.3 Attaching the Clips

The camera comes with both a short and a long rotating 360° clip for versatile wearing options.

1. Select the appropriate clip (short or long) for your intended use.
2. Align the clip with the mounting slot on the back of the camera.
3. Slide the clip firmly into place until it clicks, ensuring it is securely attached.

Dual Battery with Charging Dock

Support alternating battery use and simultaneous charging, making it ideal for high-demand environments



4700mAh



2350mAh*2
Battery capacity



13~15H
Recording

Image: Various ways to wear the SYDYAM R1 Body Camera, showcasing the long and short clips for different applications like police uniform, vest, or car mount (car mount sold separately).

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press and hold the Power button until the screen illuminates.
- **To Power Off:** Press and hold the Power button until the shutdown prompt appears, then confirm.

4.2 Video Recording

The camera supports 4K video recording with H.265 encoding.

1. Ensure the camera is powered on.
2. Press the Record button to start video recording. A red indicator light or on-screen icon will confirm recording is active.
3. Press the Record button again to stop recording.

Your browser does not support the video tag.

Video: This video provides a display of the SYDYAM R1 Body Camera, demonstrating its 4K video capabilities, Novatek chip, dual batteries, faster charging, and quick playback feature.

4.3 Night Vision

The R1 body camera features automatic infrared (IR) night vision for low-light conditions.

- The camera will automatically activate IR lights in dark environments.
- Manual activation/deactivation may be available through the camera's menu settings.

Dual Advanced Video Encoding

Supports efficient video compression and transmission, offering up to 512GB of storage to meet large capacity needs

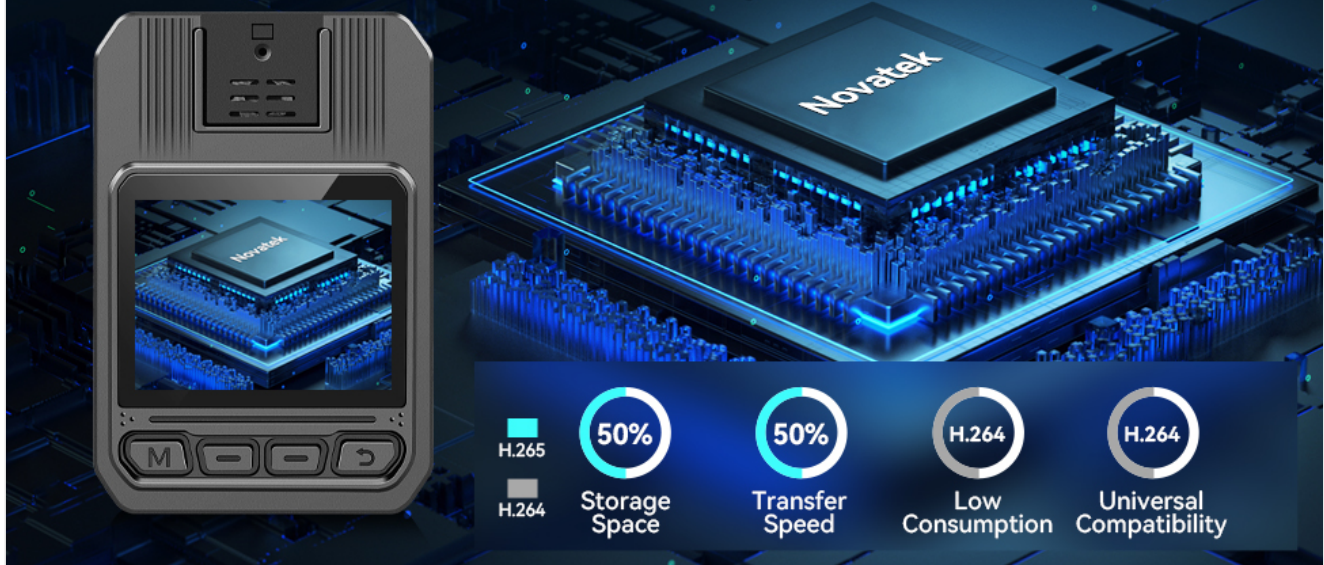


Image: The SYDYAM R1 Body Camera demonstrating its 6 premium IR lights and 2 white lights for clear recording in all lighting conditions, including complete darkness.

4.4 Photo Capture

To take still photographs:

1. Ensure the camera is in photo mode (if applicable, check menu settings).
2. Press the Photo button to capture an image.

4.5 Playback

To review recorded videos and photos:

1. Navigate to the playback mode using the menu buttons.
2. Use the navigation buttons to select the desired file.
3. Press the Play/OK button to view the file.

5. SETTINGS AND CONFIGURATION

Access the camera's menu to adjust various settings, including:

- **Video Resolution:** Select from available resolutions (e.g., 4K, 1080P).
- **Loop Recording:** When the memory card reaches its limit, the oldest video files will be overwritten by new ones.
- **Motion Detection:** Configure the camera to start recording when motion is detected.
- **Date/Time Stamp:** Ensure accurate date and time are displayed on recordings.
- **Audio Recording:** Enable or disable audio recording.
- **H.265/H.264 Encoding:** Switch between video compression formats based on storage and compatibility needs.

Multiple Wearing Options

Includes long & short clips for versatile wear



Image: The SYDYAM R1 Body Camera's internal components, highlighting the Novatek chip and the benefits of dual video encoding (H.265/H.264) for storage and transfer efficiency.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body and lens. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Fully charge batteries before long-term storage. Do not expose batteries to high heat or puncture them.
- **Waterproof Seal:** Ensure all ports and covers are securely closed to maintain the IP68 waterproof rating.

7. TROUBLESHOOTING

- **Camera not turning on:** Ensure batteries are charged and correctly installed. Try using a different charged battery.
- **Recording issues:** Check if the memory is full. Ensure loop recording is enabled if continuous recording is desired.
- **Poor video quality:** Verify that the lens is clean. Check the selected video resolution in settings.
- **Audio issues:** Ensure audio recording is enabled in settings. Avoid strong wind noise if possible.
- **Device unresponsive:** Use the reset button (if available, typically a small pinhole) to restart the device.

8. SPECIFICATIONS

Feature	Specification
Brand	SYDYAM

Feature	Specification
Model Number	R1-64G
Video Capture Resolution	4K
Photo Sensor Technology	CMOS
Screen Size	2 Inches
Video Capture Format	MP4
Supported Audio Format	WAV
Flash Memory Type	Micro SD (Built-in 64GB)
Batteries	2 x 2350mAh AAA batteries (included)
Waterproof Rating	IP68
Special Features	Motion Detection, Auto IR Night Vision, H.265 Video Code
Product Dimensions	1.18 x 2.28 x 3.15 inches
Item Weight	1.1 pounds

9. WARRANTY AND SUPPORT

SYDYAM is committed to providing high-quality products and customer satisfaction.

- **Warranty:** This product includes a one-year warranty from the date of purchase.
- **Lifetime Support:** SYDYAM offers lifetime technical support for this product.
- **24h Response:** Expect a response to inquiries within 24 hours.



Image: An overview of SYDYAM's after-sales support, including high-quality products, 24-hour response, one-year warranty, and lifetime support.

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