VSYSTO D5

VSYSTO D5 Dual 1080P Helmet Camera Instruction Manual

Model: D5

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VSYSTO D5 Dual 1080P Helmet Camera. This device is designed to record high-definition video from both front and rear perspectives, suitable for various activities such as cycling, motorcycling, skiing, and climbing. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. SAFETY INFORMATION

- Ensure all connections are secure before operation, especially in wet conditions.

- Do not attempt to disassemble or modify the device, as this may void the warranty and cause damage.

- Keep the device away from extreme temperatures and direct sunlight for prolonged periods.

- Use only approved accessories and charging cables.

- When cleaning, use a soft, dry cloth. Avoid harsh chemicals or abrasive materials.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 2 x VSYSTO D5 Cameras with Brackets

- 1 x Remote Control

- 1 x Power Cable (USB)

- Mounting Accessories (various brackets for helmet and bicycle)

- User Manual (this document)

Image: The VSYSTO D5 Dual Helmet Camera system, including two cameras, various mounting brackets for bicycles and helmets, and the remote control.

4. PRODUCT OVERVIEW

The VSYSTO D5 features dual 1080P cameras with 150° wide-angle lenses, housed in a durable, waterproof alloy casing. It includes a remote control for convenient operation and supports WiFi connectivity for app control.

Key Features:

- **Dual 1080P Cameras:** Front and rear cameras record in Full HD (1080P) resolution.

- **150° Wide Angle Lens:** Captures a broad field of view.

- **Waterproof Design:** Suitable for use in various weather conditions.

- **Remote Control:** Allows for easy photo capture and WiFi toggling.

- **WiFi Interconnection:** Connects to a mobile app for live view, playback, and file management.

- **Loop Recording:** Automatically overwrites older files when the memory card is full.

- **Emergency Recording (G-sensor):** Locks video files upon impact to prevent overwriting.

- **Rechargeable Battery:** Provides up to 240 minutes of recording (without continuous WiFi connection).

Image: Illustration demonstrating the 150-degree wide-angle capability of the camera, showing a broad perspective of a snowy mountain landscape.

Image: Two VSYSTO D5 cameras shown in a rainy environment, highlighting their waterproof and dustproof design. It is recommended to ensure the charging cable's back cover is properly secured when riding in rain.

5. Setup

5.1. Charging the Device

Before first use, fully charge the camera using the provided USB cable. Connect the USB cable to the camera and a standard USB power adapter (not included) or a computer USB port. The charging indicator will show the charging status.

5.2. Inserting the Micro SD Card

A Micro SD card (not included) is required for recording. Insert a Class 10 or higher Micro SD card (up to 256GB recommended) into the designated slot on the camera. Ensure the camera is powered off before inserting or removing the card.

5.3. Mounting the Cameras

The VSYSTO D5 comes with various mounting options for helmets and bicycles. Choose the appropriate bracket for your intended use.

- **Helmet Mounting:** Use the helmet-specific brackets to attach the cameras securely to your helmet. Ensure the cameras have a clear view and are firmly fixed to prevent movement during activity.
- **Bicycle Mounting:** Utilize the handlebar or seat post brackets to mount the cameras on your bicycle. Adjust the angle to capture the desired front and rear views.

Porduct Size

90mm

31mm

50mm

35mm

38mm

105mm

60mm

110mm

360°

360°

25~35mm

44mm

48mm

20-35mm

10mm

50mm

50mm

Image: Detailed diagram showing the dimensions of the VSYSTO D5 camera (90mm length, 31mm diameter) and various mounting brackets with their respective measurements, including handlebar mounts and a base mount.

5.4. Remote Control Installation

The remote control can be installed on handlebars for easy access. Secure it in a position that allows for safe operation while riding.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

- **Power On:** Shake the recorder once, then short press the blue button three times in a row to turn it on.
- **Power Off:** Short press the blue button three times in a row again to shut down the recorder.

6.2. Recording Functions

- **Automatic Recording:** Once powered on, the device will automatically begin recording.

- **Loop Recording:** The camera records in segments (1/2/3/5 minutes, configurable via app). When the memory card is full, the oldest files will be automatically overwritten.

- **Emergency Recording (G-sensor):** The built-in G-sensor detects sudden impacts or collisions. Upon activation, it will automatically initiate emergency recording and lock the current video file to prevent it from being overwritten. Locked files are stored separately. Note: If more than 20 locked files accumulate, the oldest locked file will be deleted to make space.

Image: Visual explanation of Loop Recording, showing how older files are overwritten, and Emergency Recording, triggered by a G-sensor, which locks important video segments. The image also shows a rider using the remote control to trigger emergency recording.

6.3. Taking Photos

While recording, short press the **red button** on the remote control to capture a still image.

6.4. Remote Control Functions

- **Red Button:** Short press to take a picture or trigger emergency recording (if the recorder is on).

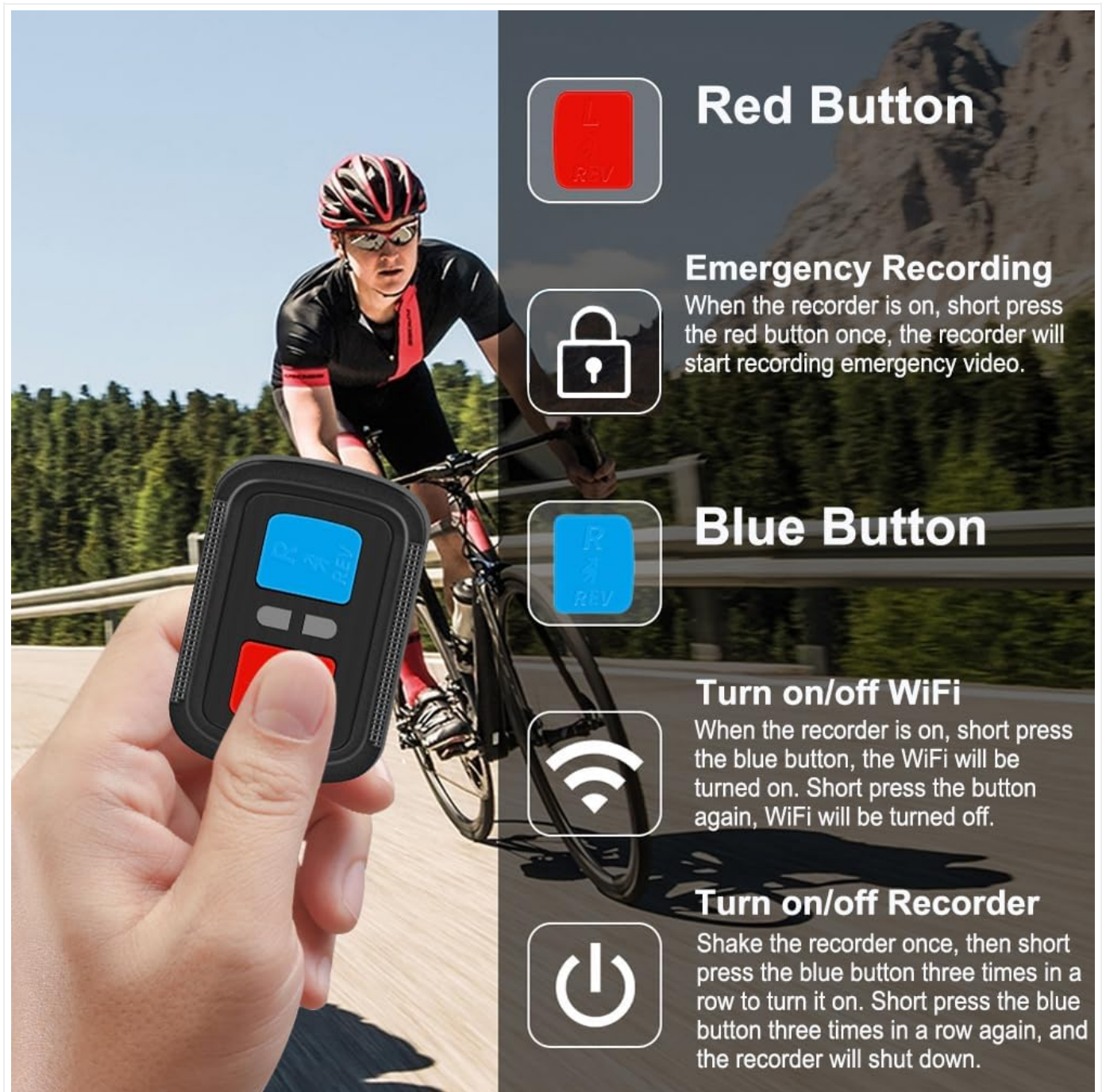- **Blue Button:** Short press to turn the WiFi function on or off.

Red Button

Emergency Recording
When the recorder is on, short press the red button once, the recorder will start recording emergency video.

Blue Button

Turn on/off WiFi
When the recorder is on, short press the blue button, the WiFi will be turned on. Short press the button again, WiFi will be turned off.

Turn on/off Recorder
Shake the recorder once, then short press the blue button three times in a row to turn it on. Short press the blue button three times in a row again, and the recorder will shut down.

Image: Diagram illustrating the functions of the remote control's red and blue buttons, including emergency recording, WiFi on/off, and powering the recorder on/off.
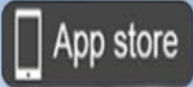
6.5. WiFi Connection and App Usage

The VSYSTO D5 features a built-in WiFi module for connecting to a dedicated mobile application. This allows for live viewing, video playback, editing, and sharing directly from your smartphone without removing the SD card.

1. **Download the App:** Scan the QR code in the product packaging or search for the VSYSTO app in your device's app store (App Store for iOS, Google Play for Android).
2. **Enable WiFi on Camera:** Short press the **blue button** on the remote control to turn on the camera's WiFi.
3. **Connect to Camera WiFi:** On your smartphone, go to WiFi settings and connect to the camera's WiFi network (usually named "VSYSTO_XXXX").
4. **Open the App:** Launch the VSYSTO app. It should automatically detect and connect to the camera.
5. **Live View & Playback:** Within the app, you can view live footage from both cameras, play back recorded videos, and manage files. The app supports a split-screen display to view front and rear camera feeds simultaneously.

Image: A smartphone displaying the VSYSTO app interface, showing a live feed from the camera. The image highlights the WiFi interconnection feature, allowing users to view recorded videos on their mobile phone.

Image: A smartphone screen showing the split-screen display feature of the VSYSTO app, allowing simultaneous viewing of front and rear camera footage. This feature aids in real-time road condition monitoring and accident proof recording.

7. MAINTENANCE

- **Cleaning:** Wipe the camera lenses and body with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.

- **Waterproof Integrity:** While the cameras are waterproof, ensure the charging port's back cover is properly sealed when operating in wet conditions to prevent water ingress into the main unit. Avoid high-pressure water jets.

- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Store the device in a cool, dry place when not in use for extended periods.

- **Firmware Updates:** Check the VSYSTO official website or app periodically for firmware updates to ensure optimal performance and new features.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Low battery; incorrect power-on sequence.	Charge the camera fully. Ensure you shake the recorder once, then short press the blue button three times in a row.
No recording or "blue screen" on rear camera.	No Micro SD card; faulty SD card; incorrect cable connection (e.g., using a 3-way cable for power bank that interferes with data).	Insert a Class 10 or higher Micro SD card. Format the SD card. Ensure all cables are correctly connected and avoid non-standard power configurations if issues arise.
WiFi connection issues or slow file transfer.	WiFi not enabled on camera; incorrect app connection steps; interference.	Ensure camera WiFi is on (blue button). Connect phone to camera's WiFi network first, then open the app. File transfer speeds over WiFi can vary.
Mounting hardware does not fit.	Incorrect assembly; incompatible handlebar/seat post size.	Review the mounting instructions carefully. Ensure the plastic band fits into the bracket slots. If necessary, consider alternative mounting solutions or contact support for compatible accessories.
Short battery life.	Continuous WiFi usage; cold weather; aging battery.	Minimize continuous WiFi connection when not actively using the app. Ensure the device is fully charged. Battery performance may decrease over time.
Camera heats up during use.	Normal operation.	It is normal for the product to generate some heat during operation. This is part of the heat dissipation process.

9. SPECIFICATIONS

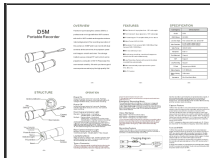| Feature	Detail
Model Number	D5
Camera Resolution	Dual 1080P (Front & Rear)
Lens Angle	150° Wide Angle
Connectivity	WiFi
Storage	Micro SD Card (Class 10+, up to 256GB)
Battery Life	Up to 240 minutes (WiFi not connected)
Special Features	G-sensor, Loop Recording, Remote Control, Waterproof
Product Dimensions	3.54 x 1.18 x 1.18 inches (camera unit)
Item Weight	1.5 pounds

10. WARRANTY AND SUPPORT

VSYSTO products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official VSYSTO website. Please retain your proof of purchase for warranty claims.

Related Documents - D5

B6 Dash Cam User Manual	[B6 Dash Cam User Manual - Installation and Operation Guide](#) Comprehensive user manual for the B6 Dash Cam, covering installation, operation, troubleshooting, and mobile app usage. Learn how to set up and maximize the features of your motorcycle dash cam.
D6RL Dash Cam User Manual	[D6RL Dash Cam User Manual](#) User manual for the VSYSTO D6RL Dash Cam, providing instructions on installation, operation, and troubleshooting for this motorcycle video recording device.
B6 Dash Cam User Manual	[B6 Dash Cam User Manual - Installation and Operation Guide](#) Comprehensive user manual for the VSYSTO B6 Dash Cam, covering installation, operation, features, and troubleshooting for motorcycle use. Includes details on camera setup, power module connection, app usage, and parameter settings.
VSYSTO MOTORCYCLE DASH CAM Q6L USER MANUAL	[VSYSTO Q6L Motorcycle Dash Cam User Manual](#) Comprehensive user manual for the VSYSTO Q6L Motorcycle Dash Cam, detailing installation, operation, features like parking mode and Wi-Fi connectivity, and troubleshooting.
K5X Portable DVR	[K5X Portable DVR User Manual and Operation Guide](#) Comprehensive guide to the VSYSTO K5X Portable DVR, covering features, specifications, operation, mobile app usage, and troubleshooting for this 2K wide-angle WiFi camera.

Comprehensive user manual for the VSYSTO D5M portable WiFi recorder, detailing features, specifications, operation, app usage, and troubleshooting for this 1080P dual-camera device.