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› PARKVISION Bicycle Rear View Camera Recorder User Manual

PARKVISION B0CBMGMZKX

PARKVISION Bicycle Rear View Camera Recorder User Manual

Model: B0CBMGMZKX

INTRODUCTION

This user manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your PARKVISION Bicycle Rear View Camera Recorder. This device is designed to enhance cycling safety by providing a clear, real-time view of the road behind you, along with recording capabilities for documentation.



Figure 1: PARKVISION Bicycle Rear View Camera Recorder System

SAFETY INFORMATION

- Ensure all components are securely mounted before riding. Loose components can cause distraction or detachment during operation.
- The camera is IP68 waterproof, but the monitor is *not* waterproof. Avoid exposing the monitor directly to water or heavy rain.
- Do not attempt to disassemble or modify the device. This may void the warranty and cause damage.
- Always prioritize road safety. The camera system is an aid and should not replace proper attention to your surroundings.
- Keep the lens clean for optimal image clarity.



Figure 2: Important note regarding the monitor's water resistance.

PACKAGE CONTENTS

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

- 4.3" Monitor
- Camera Unit
- Monitor Bracket
- USB Type-C Charging Cable
- Hook & Loop Tape
- Camera Bracket
- Gasket (for mounting)
- Plastic Ties
- 64GB TF Card (pre-installed or separate)

Package Content

					
4.3" Monitor		Camera			
					
Monitor Bracket	USB Typ-C	Hook & Loop Tape	Camera Bracket	Guarnizione	Plastic tie

Figure 3: Contents of the product package.

SETUP

1. Installation

The PARKVISION Bicycle Rear View Camera Recorder is designed for easy, tool-free installation. The screen bracket is compatible with 18~42mm handlebars, and the camera is compatible with 17~38mm seatposts.

- Mount the Monitor:** Attach the monitor bracket to your bicycle's handlebar. Secure the 4.3" monitor onto the bracket.
- Mount the Camera:** Attach the camera bracket to your bicycle's seatpost. Secure the camera unit onto the bracket. The camera can be 360° rotated for optimal viewing angle.
- Connect Cables:** Connect the camera cable to the monitor. Ensure a secure connection.

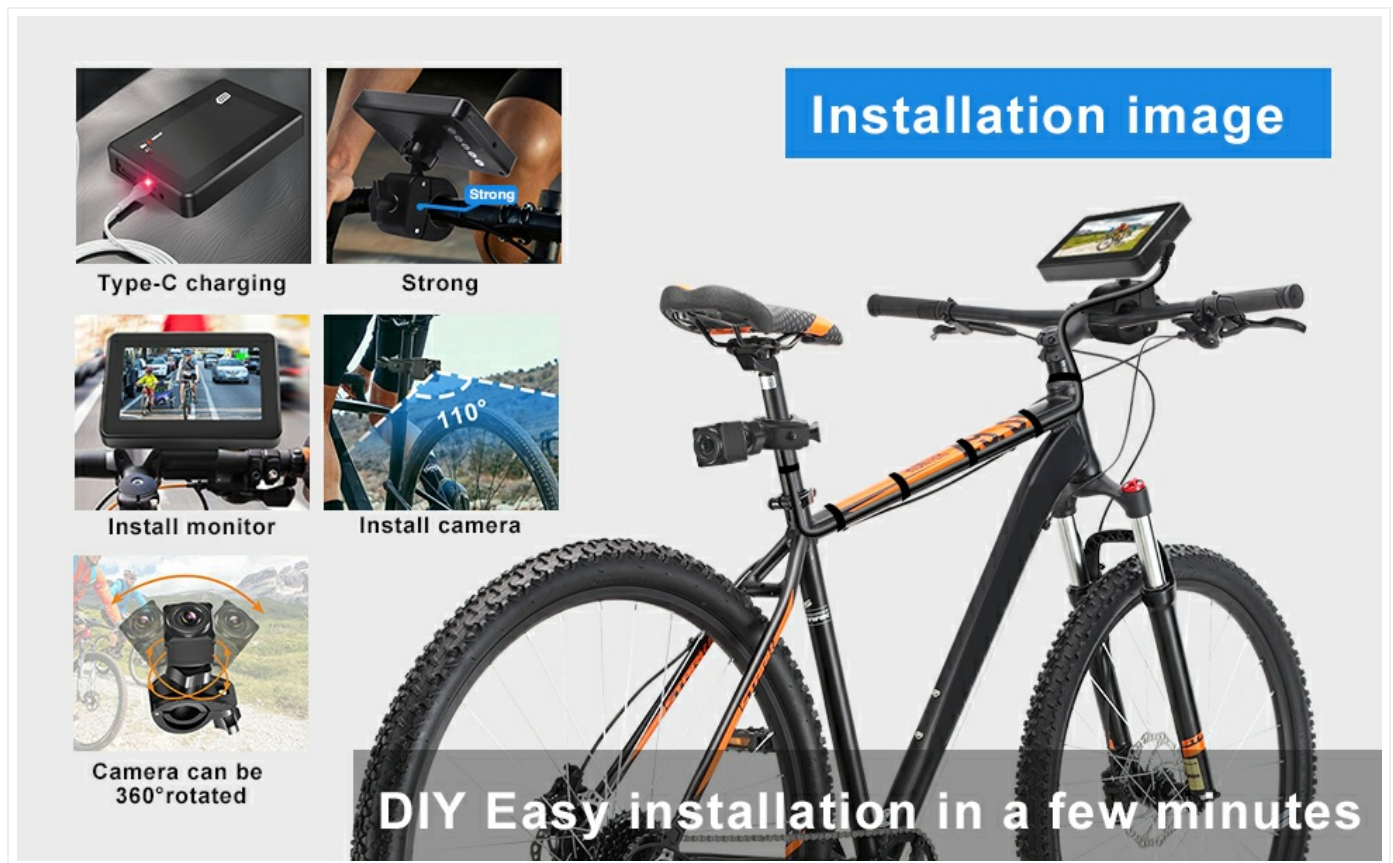


Figure 4: Installation overview for the camera and monitor.

2. Charging the Device

The device features a built-in 5000mAh rechargeable battery. Use the provided USB Type-C cable to charge the monitor. A full charge provides up to 300 minutes of battery life.

3. Inserting the TF Card

A 64GB TF card is included. Insert the TF card into the designated slot on the monitor. The device supports up to 128GB TF cards.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button on the monitor to turn the device on or off. The monitor will display the real-time camera feed upon startup.

2. Real-Time Video Monitoring

The system provides a 1080P HD real-time video feed from the rear camera, allowing you to monitor traffic and surroundings without turning your head. The 110-degree wide-angle lens offers a broad view.

110° Wide Angle



Figure 5: Wide-angle view provided by the camera.

3. Recording Function (Loop Recording)

The device continuously records video in 1080P resolution. It features loop recording, which automatically overwrites the oldest files when the TF card memory is full. This ensures continuous recording without manual intervention.

Loop Recording

Real time recording of riding scenery along the way, automatically overwriting the oldest file when the Micro SD Cards full



Loop Recording



Live Time Mirror Image



Taking Photos

Figure 6: Loop recording functionality.

4. Mirror Switching (Front/Rear View)

The enhanced kit includes a mirror switching function, allowing the camera to be used as either a front or rear view camera. Consult the on-screen menu or dedicated button (if available) to switch between modes.

Supports positive mirror switching

Dual-use camera that can be used as both a front and rear camera.



Figure 7: Switching between forward and mirror views.

5. Night Vision

The system is equipped with night vision capabilities, ensuring clear visibility of the road behind you even in low-light conditions or at night.

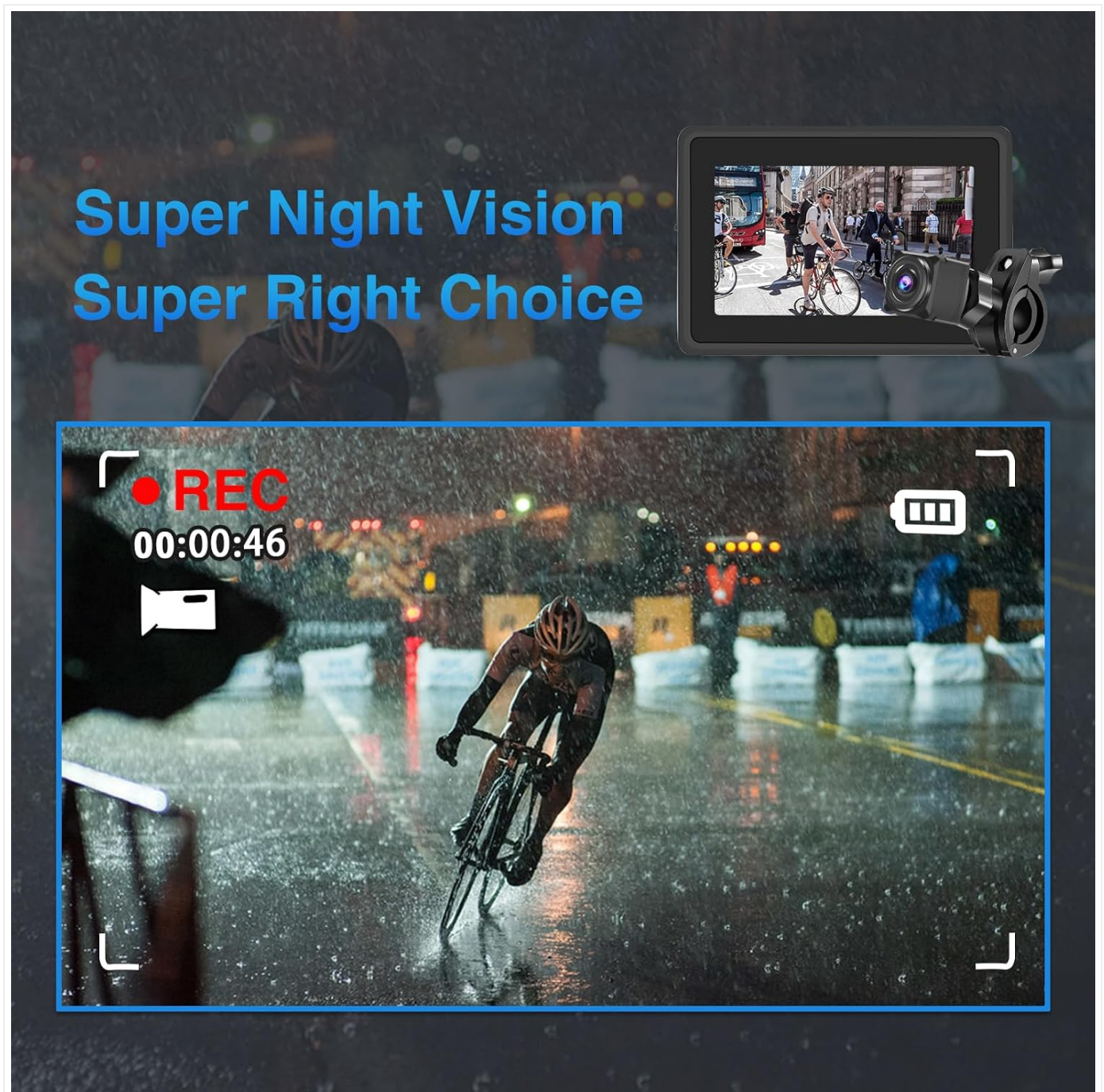


Figure 8: Night vision in operation.

6. Waterproof Performance

The bicycle rear view camera has an IP68 waterproof rating, making it resistant to dust and water immersion. This allows for riding in various weather conditions, including rain. *Note: The monitor is not waterproof.*

Your browser does not support the video tag.

Video 1: Demonstration of the camera's waterproof performance under running water.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the camera lens and monitor screen. Avoid abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if stored for extended periods.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

- **TF Card Management:** Periodically back up important recordings from the TF card to a computer. Format the TF card regularly (e.g., once a month) to maintain optimal recording performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor	Camera cable loose or disconnected; device not powered on; low battery.	Ensure camera cable is securely connected to the monitor. Press and hold the power button to turn on. Charge the device.
Recording stops or is choppy	TF card full; slow TF card speed; TF card error.	The device uses loop recording, but ensure the TF card is not corrupted. Use a high-speed TF card (Class 10 or higher). Format the TF card.
Monitor screen is dim or hard to see in sunlight	Screen brightness setting; direct sunlight glare.	Adjust screen brightness in the settings menu. Position the monitor to minimize direct sunlight.
Device not charging	Faulty USB cable or power adapter; charging port issue.	Try a different USB Type-C cable and power adapter. Ensure the charging port is clean and free of debris.

SPECIFICATIONS

Feature	Detail
Model Name	PARKVISION Bicycle Rear View Camera Recorder
Monitor Size	4.3 inches
Video Capture Resolution	1080p
Camera Angle View	110° Wide Angle
Camera Waterproof Rating	IP68
Battery Capacity	5000mAh Lithium Ion (up to 300 minutes)
Storage	Supports up to 128GB TF card (64GB included)
Connectivity	USB Type-C
Monitor Bracket Compatibility	18~42mm handlebars
Camera Bracket Compatibility	17~38mm seatposts
Item Weight	1.19 pounds
Manufacturer	PARKVISION

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your PARKVISION Bicycle Rear View Camera

Recorder, please refer to the contact information provided with your product packaging or visit the official PARKVISION website. Keep your purchase receipt for warranty claims.

