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## ZKCAMSPY ZKCAMSPY

# ZKCAMSPY 3-Channel Dash Cam User Manual

Model: ZKCAMSPY

## 1. PRODUCT OVERVIEW

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The ZKCAMSPY 3-Channel Dash Cam is designed to provide comprehensive surveillance for your vehicle, capturing simultaneous recordings from the front, inside, and left/right perspectives. This device is equipped with advanced features to ensure reliable recording and incident detection.



Image 1.1: ZKCAMSPY 3-Channel Dash Cam with its main components, including the dash cam unit and a 32GB Micro SD card.

## 2. WHAT'S IN THE BOX

Upon unboxing, verify that all the following components are included:

- ZKCAMSPY 3-Channel Dash Cam Unit
- Car Charger (DC Power Adapter)
- Car Mount (with adhesive)
- Installation Tool (Pry Tool)
- Quick Guide
- User Manual
- 32GB Micro SD Card (pre-installed or separate)
- Electrostatic Film (for windshield mounting)
- Extra Adhesive (for car mount)

## 3. PRODUCT FEATURES & COMPONENTS

The ZKCAMSPY Dash Cam features a compact design with multiple cameras and essential ports for functionality.

### 3.1. Camera Lenses

The dash cam integrates three distinct camera lenses for comprehensive coverage:

- **Front Camera:** Records at 1080P resolution with a 170-degree wide-angle view, capturing the road ahead.
- **Left/Right Cameras (Interior/Side View):** These two cameras also record at 1080P resolution, each offering a 120-degree wide-angle view. They are designed to rotate 180 degrees, allowing flexible positioning to monitor the vehicle's interior or side views. These cameras are equipped with 8 IR LEDs to enhance image clarity in low-light conditions.

## 3 Channels 1080P Dash Cam

Front + Inside + Left/Right Recording Simultaneously

The image is a composite of three rows, each illustrating a different camera channel. The top row features a top-down diagram of a car with a wide-angle cone labeled 'Front 170°' and a corresponding photograph of a road from a driver's perspective. The middle row shows a side view of a dark SUV with a person standing next to it, with a 120-degree view cone labeled 'Left/Right 120°' and a photograph of the same SUV parked in a mountainous landscape. The bottom row features a top-down diagram of a car with a 120-degree interior view cone labeled 'Inside 120°' and a photograph of the car's interior showing a woman in the passenger seat, a child in the back seat, and a man driving.

Image 3.1: Illustration of the three camera channels and their respective wide-angle views.

### 3.2. Display Screen

A built-in screen provides real-time viewing of the camera feeds and access to menu settings.

### 3.3. Ports and Buttons

- **Mounting Bracket Slot:** Located on the top side for secure attachment of the car mount.
- **USB-C Power Supply Port:** For connecting the car charger to power the device.
- **Micro SD Card Slot:** Supports Micro SD cards up to 64GB for storing recordings. A 32GB card is included.
- **Quick Buttons:** Located on the bottom for easy navigation and control of functions.
- **Reset Button:** Also on the bottom, used to reset the device if needed.

## 4. SETUP & INSTALLATION

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Follow these steps for proper installation and initial setup of your dash cam:

1. **Prepare Windshield:** Clean the area on your windshield where you intend to mount the dash cam. Apply the electrostatic film to this area first, ensuring it is smooth and free of air bubbles.
2. **Attach Mount:** Secure the car mount to the electrostatic film on your windshield using its adhesive. Ensure a firm attachment.
3. **Mount Dash Cam:** Slide the dash cam unit onto the mounting bracket until it clicks securely into place.
4. **Insert Micro SD Card:** Insert the provided 32GB Micro SD card into the designated slot until it locks. Ensure the card is correctly oriented.
5. **Connect Power:** Connect the USB-C end of the car charger to the dash cam's power supply port and the other end to your vehicle's 12V power outlet (cigarette lighter).
6. **Route Cables:** Use the included pry tool to neatly tuck the power cable along the edges of your car's windows and interior trim to keep it out of the way and maintain a tidy appearance.
7. **Adjust Camera Angles:** Once powered on, adjust the front, left, and right camera angles as desired to ensure optimal recording coverage. The left and right cameras can rotate 180 degrees for flexible positioning.

# Easy Installation



Image 4.1: Visual guide for the easy installation process, including cable management.

## 5. OPERATING INSTRUCTIONS

The ZKCAMSPY Dash Cam is designed for intuitive operation. Here are its primary functions:

### 5.1. Seamless Loop Recording

This feature ensures continuous recording by automatically overwriting the oldest footage when the Micro SD card is full. This means you always have the most recent recordings available without manual deletion.

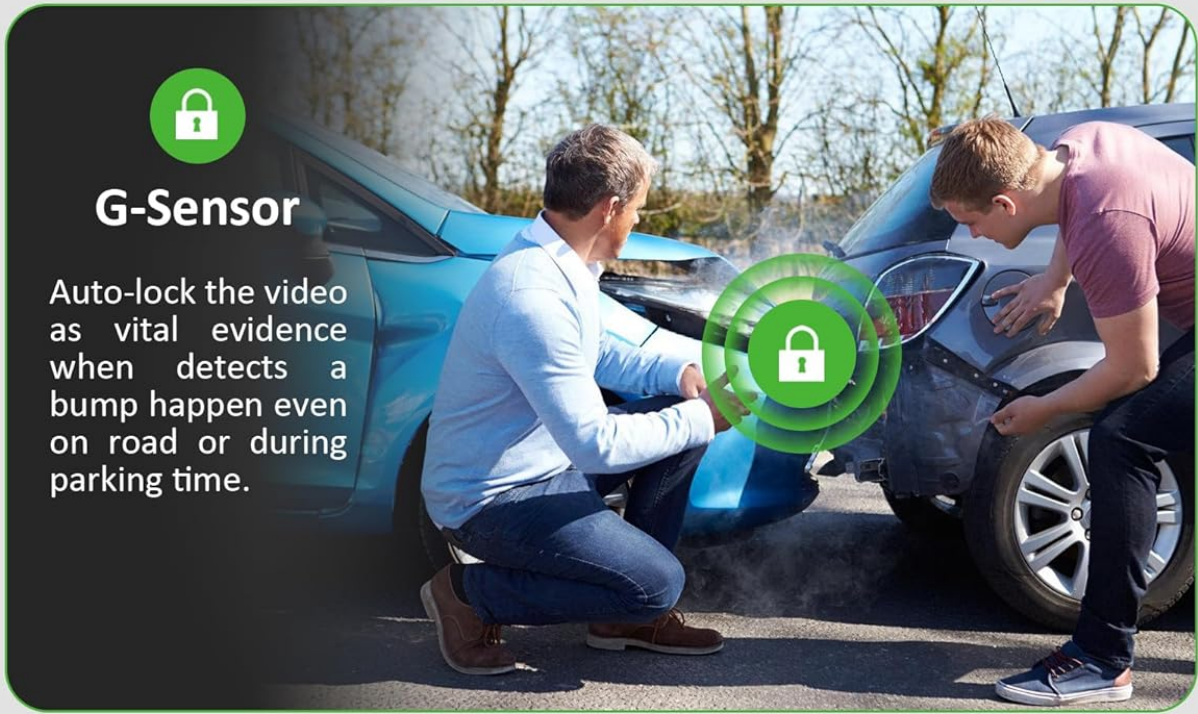


Image 5.1: Depiction of the seamless loop recording function, showing old footage being overwritten by new recordings.

### 5.2. G-Sensor (Gravity Sensor)

The built-in G-Sensor automatically detects sudden movements, such as collisions or abrupt braking. When triggered, it locks the current video segment, preventing it from being overwritten by loop recording. This ensures critical evidence is preserved.

### 5.3. Stunning Night Vision

Equipped with high-sensitivity sensors and 8 IR LEDs on the left and right cameras, the dash cam records clear video in low-light conditions, enhancing safety during night driving. It provides brighter recordings even in challenging lighting environments.

# Stunning **Night Vision**

Starvis sensor enhances starlight night vision,  
provides more clearer details



f/1.6 aperture



8 IR Lights



6-layer Lens



Inside



Left/Right



Front

Image 5.2: Visual representation of the dash cam's night vision feature, highlighting clear capture in dark environments.

## 5.4. 24-Hour/7-Day Parking Monitor

The dash cam supports continuous surveillance while your vehicle is parked. This function utilizes a time-lapse recording mode to conserve vehicle electricity. For 24/7 recording, an additional hardwire kit (not included) is required.

# 24 Hours Parking Monitor

F300 Supports 24 hours recording only when it is connected to the additional hardwire kit

(not included in the package)



Image 5.3: Overview of the 24-hour parking monitor, detailing motion detection and time-lapse capabilities.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your ZKCAMSPY Dash Cam, consider the following maintenance tips:

- **Regular Cleaning:** Gently wipe the camera lenses and screen with a soft, lint-free cloth to remove dust and smudges. Avoid abrasive cleaners.
- **SD Card Management:** Periodically format the Micro SD card (at least once a month) within the dash cam's settings to prevent data corruption and ensure smooth recording. Use a high-quality, reputable Micro SD card.

- **Temperature Considerations:** While the dash cam is designed to be heat and cold resistant (-4°F/-20°C to 158°F/70°C), extreme temperatures can still affect battery life and performance over time. If possible, remove the dash cam from the windshield during prolonged exposure to extreme heat or cold.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates to improve performance and add new features.



Image 6.1: The dash cam's resistance to extreme temperatures, from -4°F (-20°C) to 158°F (70°C).

## 7. TROUBLESHOOTING

If you encounter issues with your ZKCAMSPY Dash Cam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; loose connection; faulty car charger.	<ul style="list-style-type: none"> <li>◦ Ensure the car charger is securely plugged into both the dash cam and the vehicle's 12V outlet.</li> <li>◦ Check if the vehicle's 12V outlet is functioning.</li> <li>◦ Try a different USB-C cable or car charger if available.</li> <li>◦ Press the reset button.</li> </ul>
Recording stops or freezes.	SD card full; incompatible/corrupted SD card; extreme temperature.	<ul style="list-style-type: none"> <li>◦ Format the Micro SD card regularly.</li> <li>◦ Ensure the SD card is Class 10 or higher and supports up to 64GB.</li> <li>◦ Replace the SD card if it is old or frequently causes issues.</li> <li>◦ Ensure the dash cam is within its operating temperature range.</li> </ul>
Poor video quality (especially at night).	Dirty lens; low-light settings; IR LEDs obstructed.	<ul style="list-style-type: none"> <li>◦ Clean the camera lenses.</li> <li>◦ Ensure the IR LEDs on the side cameras are not obstructed.</li> <li>◦ Check video resolution settings in the menu.</li> </ul>
G-Sensor is too sensitive/not sensitive enough.	G-Sensor sensitivity setting.	<ul style="list-style-type: none"> <li>◦ Adjust the G-Sensor sensitivity level in the dash cam's settings menu.</li> </ul>

If problems persist, please contact ZKCAMSPY customer support for further assistance.

## 8. SPECIFICATIONS

Feature	Detail
Product Dimensions	5.1 x 1.1 x 1.1 inches
Item Weight	11.3 ounces
Batteries	1 Lithium Polymer battery (included)
Connectivity Technology	USB
Special Features	360 Degree, Automatic Incident Detection, G-Sensor, Loop Recording, Mute function, Night Vision, Voice Recording, Parking Monitor, Optional Inside Car Camera Recorder
Video Capture Resolution	1080p (for all 3 channels)
Included Components	Car Charger, Car Mount, Installation Tool, Quick Guide, User Manual
Mounting Type	Windshield Mount
Color	Black
Manufacturer	ZKCAMSPY
Model Name	ZKCAMSPY
Orientation	Front & Inside
Vehicle Service Type	Bus, Car, Minivan, Pickup Truck, Tractor, Vehicle

## 9. WARRANTY & SUPPORT

For any questions regarding product operation, warranty information, or technical support, please contact ZKCAMSPY customer service. You can often find support contact details on the manufacturer's official website or through the retailer where the product was purchased.

Visit the official ZKCAMSPY store for more information:[ZKCAMSPY Store on Amazon](#)