

## KitVision KVOBS108

# KitVision Observer 1080p Dashboard Camera User Manual

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your KitVision Observer 1080p Dashboard Camera. Please read this manual thoroughly before using the device to ensure proper functionality and safety. This device is designed to record your journeys, providing a reliable record of events on the road.

## PRODUCT OVERVIEW

### Components

The KitVision Observer 1080p Dashboard Camera package includes the following items:

- KV Observer 1080p Dashboard Camera
- In-car charger
- Mini USB cable
- Suction mount
- User manual (this document)

### Key Features

The KitVision Observer 1080p Dashboard Camera offers a range of features to enhance your driving experience and provide security:

- **Full HD 1080P Recording:** Captures video at 30 frames per second for clear footage.
- **Wide-Angle Lens:** A 170-degree ultra-wide angle lens covers a broad view of the road.
- **2.45-inch LCD Display:** Allows for real-time viewing and playback of recorded footage.
- **Built-in G-Sensor:** Automatically detects collisions and saves the corresponding footage to prevent overwriting.
- **Continuous Loop Recording:** Records continuously, overwriting the oldest unneeded files when the memory card is full.
- **12 Megapixel Photo Mode:** Enables capturing high-resolution still images.
- **WDR (Wide Dynamic Range) Technology:** Provides enhanced visibility and recording quality in varying light conditions, including low light.

- **Motion Detection:** Automatically starts recording when motion is detected in front of the camera.
- **Parking Mode:** Provides surveillance even when the vehicle is parked and turned off.

## Product Views



**Figure 1:** Front view of the KitVision Observer 1080p Dashboard Camera, highlighting the main lens and branding.



**Figure 2:** Rear view of the dashboard camera, showing the LCD screen and the navigation buttons for menu control.



**Figure 3:** Side view of the camera, illustrating the USB and HDMI connectivity ports.



**Figure 4:** The dashboard camera with its screen articulated upwards, providing a different viewing angle of the device.

## SETUP

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### 1. Inserting a Memory Card

Before first use, a compatible microSD card (not included) must be inserted into the camera. Ensure the camera is powered off before inserting or removing the card. Locate the microSD card slot on the side of the camera and gently push the card in until it clicks into place. To remove, push the card in again until it springs out.

### 2. Mounting the Camera

1. Clean the desired area on your windshield where the camera will be mounted. Ensure it does not obstruct your view of the road.
2. Attach the suction mount to the camera.
3. Press the suction cup firmly against the windshield and engage the locking lever to secure it.
4. Adjust the camera angle to ensure it captures the road ahead clearly.



**Figure 5:** Close-up view of the dashboard camera securely mounted on the vehicle's windshield.



**Figure 6:** The dashboard camera installed in a vehicle, demonstrating its placement for optimal road recording.

### **3. Power Connection**

Connect the in-car charger to the camera's power input port and plug the other end into your vehicle's 12V power outlet (cigarette lighter socket). The camera will typically power on and begin recording automatically when the vehicle's ignition is turned on.

### **4. Initial Settings**

Upon first power-on, you may need to set the date, time, and language. Use the navigation buttons below the screen to adjust settings and the 'OK' button to confirm. Refer to the 'Operating Instructions' section for detailed menu navigation.



## OPERATING INSTRUCTIONS

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### 1. Power On/Off

- **Automatic:** The camera powers on and off with your vehicle's ignition.
- **Manual:** Press and hold the power button (usually located on the top or side) to manually turn the camera on or off.

### 2. Recording Modes

- **Continuous Loop Recording:** The default mode. The camera records video in segments (e.g., 1, 3, or 5 minutes) and automatically overwrites the oldest unlocked files when the memory card is full.
- **G-Sensor (Collision Detection):** When the built-in G-Sensor detects a sudden impact or collision, the current recording segment is automatically locked and saved to a protected folder, preventing it from being overwritten.
- **Motion Detection:** When enabled in the settings, the camera will start recording automatically if it detects movement in its field of view while parked. This feature requires a continuous power supply.
- **Parking Mode:** Similar to motion detection, this mode provides surveillance when the vehicle is parked. It typically activates upon detecting impact or motion, recording for a short period. This also requires a continuous power supply or sufficient internal battery charge.

### 3. Menu Navigation and Settings

Use the buttons located below the LCD screen to navigate the camera's menu. Typically, there are buttons for Menu, Up, Down, and OK/Confirm. Press the 'Menu' button to access settings such as video resolution, loop recording duration, G-sensor sensitivity, date/time, and more.

### 4. Playback

To review recorded footage directly on the camera, enter playback mode via the menu. Use the navigation buttons to select and play video files. Alternatively, you can remove the microSD card and view files on a computer, or connect the camera directly to a computer using the Mini USB cable.

### 5. Photo Mode

Switch to photo mode via the menu to capture still images. Press the 'OK' button to take a picture. The camera supports 12 Megapixel photos.

## MAINTENANCE

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### 1. Cleaning the Camera

- Use a soft, dry cloth to clean the camera body.
- For the lens and screen, use a lens cleaning cloth specifically designed for optics to avoid scratches. Do not use abrasive cleaners or solvents.

### 2. Memory Card Management

- **Formatting:** It is recommended to format the microSD card periodically (e.g., once a month) using the camera's menu function. This helps maintain optimal recording performance and prevents data corruption. Formatting will erase all data on the card, so back up any important files first.
- **Replacement:** Memory cards have a limited lifespan. If you experience frequent recording errors or data corruption, consider replacing the microSD card with a new, high-quality card.

### 3. Battery Care

The camera contains a Lithium Ion battery. Avoid exposing the camera to extreme temperatures for prolonged periods, as this can affect battery life and performance. If the camera will not be used for an extended time, ensure it is stored in a cool, dry place with a partial charge.

### TROUBLESHOOTING

If you encounter issues with your KitVision Observer 1080p Dashboard Camera, refer to the following common solutions:

- **Camera not powering on:** Ensure the in-car charger is securely connected to both the camera and the vehicle's power outlet. Check if the vehicle's power outlet is functioning.
- **Camera not recording:** Verify that a microSD card is inserted correctly and has sufficient free space. Format the memory card if necessary (after backing up important files). Check recording settings in the menu.
- **Poor video quality:** Clean the camera lens. Ensure the windshield area in front of the camera is clean. Check the video resolution settings in the menu.
- **G-Sensor not triggering:** Adjust the G-sensor sensitivity in the camera's settings. If set too low, it may not detect minor impacts.
- **Buttons unresponsive:** Try resetting the camera by pressing the reset button (if available, often a small pinhole) or by disconnecting and reconnecting the power.
- **Date/Time incorrect:** Re-enter the correct date and time in the camera's settings menu.

If the problem persists after attempting these solutions, please contact customer support.

### SPECIFICATIONS

Feature	Detail
Product Dimensions	9.25 x 2.16 x 4.52 inches
Item Weight	5.3 ounces (0.33 Pounds)
ASIN	B00EUUD01C
Item Model Number	KVOBS108
Batteries	1 Lithium Ion battery required (included)
Date First Available	October 14, 2013
Manufacturer	Kondor Limited
Brand	KitVision
Model Name	Kitvision Observer 1080p Dashboard Camera
Vehicle Service Type	Car
Connectivity Technology	USB








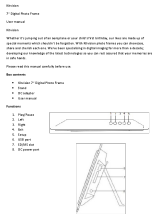
Feature	Detail
Special Feature	Motion Sensing
Video Capture Resolution	1080p
Included Components	KV Observer 1080p Dashboard Camera, In-car charger, Mini USB cable, Suction mount, User manual
Color	Black
Control Method	Touch (referring to buttons, not touch screen)

## WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official KitVision website. If you require technical assistance or have questions not covered in this manual, please contact KitVision customer support through their official channels.

## Related Documents - KVOBS108

	<a href="#">Kitvision Escape HD5W: Manual de Usuario de Cámara Deportiva</a> Guía completa para la cámara deportiva Kitvision Escape HD5W, cubriendo características, configuración, uso de Wi-Fi, accesorios y solución de problemas.
	<a href="#">Kitvision Escape HD5W Action Camera User Manual and Guide</a> Comprehensive user manual for the Kitvision Escape HD5W Action Camera, covering features, setup, operation, Wi-Fi connectivity, accessories, technical specifications, and troubleshooting.
	<a href="#">Kitvision Escape HD5 Action Camera User Manual</a> User manual for the Kitvision Escape HD5 Action Camera, covering setup, functions, modes, and specifications.
	<a href="#">Kitvision Immerse 360 Duo Camera User Manual</a> User manual for the Kitvision Immerse 360 Duo 360° Camera, covering box contents, functions, charging, memory card usage, power modes, video and photo modes, Wi-Fi app usage, menu settings, PC connection, specifications, care instructions, and troubleshooting.
	<a href="#">Kitvision Escape UHD 4K Action Camera User Manual</a> Comprehensive user manual for the Kitvision Escape UHD 4K Action Camera, detailing its features, functions, setup, operation, connectivity, accessories, specifications, and care instructions.



[Kitvision 7" Digital Photo Frame User Manual](#)

User manual for the Kitvision 7" Digital Photo Frame, covering setup, displaying photos, system settings, care instructions, specifications, and troubleshooting.