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FREEZE2TRIM Vital Dashcam Pro

FREEZE2TRIM Vital Dashcam Pro User Manual

Model: Vital Dashcam Pro

INTRODUCTION

The FREEZE2TRIM Vital Dashcam Pro is a dual-camera system designed for vehicle surveillance, offering both front and interior recording capabilities. It features advanced functions such as night vision, G-sensor impact detection, 24/7 parking surveillance, and loop recording to ensure comprehensive coverage and evidence protection. This manual provides detailed instructions for setting up, operating, and maintaining your dash camera.



Image: The Vital Dashcam Pro, showing its compact design with front and interior cameras. The front camera faces forward, while the interior camera captures cabin activity.

WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation.

- Vital Dashcam Pro with dual cameras (front and in-cabin)
- 12V (cigarette-lighter) adapter cable
- Adhesive mount
- User Guide
- 64GB Micro SD Card (Class 10 UHS-3)

Vital DashCam Pro

What's in the box

- DashCam Pro with dual cameras (front and in-cabin cameras)
- 12v (cigarette-lighter) adapter cable
- Adhesive mount
- User Guide



Get started in four easy steps

1. Insert a micro SD card

(not included): Card must be at least 4GB and Class 6 or higher. (required – there is no internal memory.)

2. Prep windshield: Clean and dry the area where you want to mount the camera. It should be just below your rearview mirror, centered on the windshield with a clear view.

3. Mount the camera: Attach the camera to the mount by sliding it into the connector on top of the camera. Peel the backing off the adhesive pad, then press the mount firmly onto the cleaned area. Hold in place for 30 seconds to ensure a strong bond.

4. Connect the power & go: Plug the 12v (cigarette-lighter) adapter cable into your vehicle's 12v power source and start driving. The camera will automatically turn on and begin recording when your vehicle starts. You never need to touch it unless you want to switch to photo mode or adjust video/camera settings.



Image: A visual representation of the Vital Dashcam Pro package contents, including the dashcam unit, power cable, mount, and user guide.

SETUP

Follow these steps to install your Vital Dashcam Pro.

- 1. Insert a Micro SD Card:** Ensure the included 64GB Micro SD card (or another Class 10 UHS-3 card, minimum 4GB) is inserted into the dashcam's SD card slot. The camera requires an external memory card for recording.
- 2. Prepare Windshield:** Clean and dry the area on your windshield where you intend to mount the camera. The ideal position is typically just below your rearview mirror, centered on the windshield, to ensure a clear view for both front and interior cameras.
- 3. Mount the Camera:** Attach the camera to the adhesive mount by sliding it into the connector on top of the camera. Peel off the backing from the adhesive pad. Press the mount firmly onto the cleaned windshield area. Hold in place for 30 seconds to ensure a strong bond.
- 4. Connect Power:** Plug the 12V (cigarette-lighter) adapter cable into your vehicle's 12V power source. Connect the other end to the dashcam. The camera will automatically power on and begin recording when your vehicle starts. Manual interaction is generally not required unless you wish to switch modes or adjust settings.

Vital DashCam Pro

What's in the box

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- 12v (cigarette-lighter) adapter cable
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Image: Detailed diagram showing the dashcam's ports, buttons (Power/OK, Up, Down, Mode, Reset, Speaker), and the 3.16-inch display. It also illustrates the micro SD card slot, rear camera port, power cable port, and microphone.

OPERATING INSTRUCTIONS

Power On/Off

The dashcam powers on automatically when connected to a vehicle's 12V power outlet and the vehicle starts. It powers off automatically when the vehicle is turned off.

Recording Modes

- **Continuous Loop Recording:** The camera records continuously in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked files are automatically overwritten by new recordings.
- **G-Sensor Emergency Lock:** In the event of a sudden impact or collision, the built-in G-sensor detects the event and automatically locks the current video segment, preventing it from being overwritten by loop recording. These files are stored in a separate "Event" folder.
- **Parking Mode (24/7 Surveillance):** When the vehicle is parked and the engine is off, the dashcam can monitor for motion or impact. If motion is detected around the vehicle or an impact occurs, the camera will automatically wake up and record a short video segment, providing surveillance even when unattended. This feature requires a continuous power supply (e.g., hardwire kit, sold separately) to function 24/7.

Loop Recording
Continuous recording with automatic file overwrite when storage is full, so it's always recording when you're driving.

Parking Mode
Monitors your car when parked and will record automatically if impact or motion is detected.

G-Sensor Impact Detection
If sudden impact is detected, footage is locked to prevent it from being overwritten on the memory card.

Image: An illustration demonstrating the core functionalities: Loop Recording for continuous capture, Parking Mode for vehicle monitoring when stationary, and G-Sensor Impact Detection for automatic incident recording.

Viewing Footage

- **On-Device Playback:** Use the built-in 3.16-inch IPS screen to review recorded footage directly on the dashcam. Navigate through files using the control buttons.
- **Computer Playback:** Remove the Micro SD card from the dashcam and insert it into a computer's card reader. You can then access and play video files using standard media players.

KEY FEATURES

- **Dual Wide-Angle Cameras:** The dashcam features a 170° front-facing lens and a 140° in-cabin lens, providing extensive coverage to minimize blind spots and capture both road events and interior activity.
- **Enhanced Night Vision:** Equipped with advanced sensors and infrared technology, the camera provides clear footage in low-light conditions or complete darkness, ensuring details like license plates and faces are visible.
- **G-Sensor Emergency Lock:** Automatically detects sudden impacts and protects critical video segments from being overwritten.
- **Loop Recording:** Ensures continuous recording by overwriting the oldest unlocked files when the memory card is full.
- **24/7 Parking Surveillance:** Monitors your vehicle for motion or impact when parked, providing security even when the engine is off.
- **High-Speed 64GB Micro SD Card:** Includes a Class 10 UHS-3 Micro SD card for reliable 4K UHD video recording and fast data transfer.

Dual Wide-Angle Cameras

170° front and 140° in-cabin coverage provides complete visibility ahead and inside your car.



 **3.16-inch FHD 1080p
IPS screen**

 **VITAL**
DASHCAM PRO

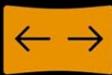
Image: An illustration highlighting the dual wide-angle cameras (170° front, 140° in-cabin) and the 3.16-inch FHD 1080p IPS screen for on-device playback.

Enhanced Night Vision

Advanced sensors ensure clear footage in low-light or night time conditions



CLEAR
HIGH DEFINITION



170° FRONT & 140°
IN-CABIN COVERAGE



MOTION DETECTION
SENSOR



ENHANCED
NIGHT FOOTAGE



Image: A graphic explaining the Enhanced Night Vision feature, showing clear high definition, 170° front & 140° in-cabin coverage, motion detection sensor, and enhanced night footage capabilities.

MAINTENANCE

- Cleaning the Lens:** Use a soft, lint-free cloth to gently clean the camera lenses. Avoid abrasive materials or chemical cleaners that could scratch the lens.
- Memory Card Care:**
 - Format the Micro SD card regularly (e.g., once a month) within the dashcam's settings to maintain optimal performance and prevent data corruption.
 - Use only high-quality, genuine Class 10 UHS-3 Micro SD cards. Inferior cards can lead to recording errors.
 - Avoid removing the SD card while the camera is recording or powered on to prevent data loss or card damage.
- Firmware Updates:** Check the manufacturer's website periodically for firmware updates. Updates can improve performance, add features, or fix bugs. Follow the provided instructions carefully when updating firmware.

- **Temperature Considerations:** Avoid exposing the dashcam to extreme temperatures for extended periods. High temperatures can affect battery life and overall device performance.

Real Time Recording

Supports professional Full HD video recording



Speed C10



UHS-3



Image: A close-up of the 64GB Micro SD card, emphasizing its Speed Class 10 and UHS-3 ratings, indicating its suitability for professional Full HD video recording.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dashcam does not power on.	No power supply; faulty cable; vehicle's 12V outlet is off.	Check power cable connection. Ensure vehicle's 12V outlet is active. Test with another power source if possible.
Recording stops or freezes.	SD card full; slow/faulty SD card; firmware issue.	Format the SD card. Replace with a high-speed Class 10 UHS-3 card. Check for firmware updates.

Problem	Possible Cause	Solution
Poor video quality.	Dirty lens; protective film still on lens; low light conditions.	Clean the camera lenses. Remove any protective film. Ensure adequate lighting for optimal recording.
G-sensor is too sensitive/not sensitive enough.	G-sensor sensitivity setting is incorrect.	Adjust the G-sensor sensitivity in the dashcam's settings menu.
Parking mode not working.	No continuous power supply; parking mode not enabled.	Ensure the dashcam has a continuous power supply (e.g., hardwire kit). Enable parking mode in settings.

SPECIFICATIONS

- **Model Name:** Vital Dashcam Pro
- **Brand:** FREEZE2TRIM
- **Video Capture Resolution:** 1080p Full HD
- **Front Camera Field of View:** 170 Degrees
- **Interior Camera Field of View:** 140 Degrees
- **Special Features:** Night Vision, G-Sensor, Loop Recording, Emergency Lock, Triple Car Camera (Front, Interior, Rear - though product description implies front and interior only, the spec says "Triple Car Camera", I will stick to front and interior as per description and images)
- **Display:** 3.16-inch IPS Screen
- **Mounting Type:** Dashboard Mount (Adhesive)
- **Included Components:** Dashcam unit, 12V power cable, Adhesive mount, User Guide, 64GB Micro SD Card
- **Vehicle Service Type:** Car, Truck
- **Color:** Black

Device Compatibility



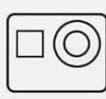
Mobile Phone



Tablet



Camera



Action Camera



Security Camera



Speaker



Laptop



Drone



Gaming Console



Voice Recorder



Image: An illustration showing the wide compatibility of the included 64GB Micro SD card with various devices such as mobile phones, tablets, cameras, drones, gaming consoles, and voice recorders.

WARRANTY AND SUPPORT

Specific warranty details are not provided in this manual. Please refer to the product packaging or the manufacturer's official website for warranty information.

For technical support, troubleshooting assistance, or inquiries regarding your FREEZE2TRIM Vital Dashcam Pro, please contact the manufacturer's customer service. Contact information can typically be found on the product packaging, the official brand website, or through your point of purchase.

Manufacturer: FREEZE2TRIM

ASIN: B0FDBN5P1Q

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