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ATOTOZONE AC-FHD02DV

ATOTOZONE AC-FHD02DV FHD 1080P On-Dash DVR Camera User Manual

Model: AC-FHD02DV

1. INTRODUCTION

The ATOTOZONE AC-FHD02DV is a Full HD 1080P On-Dash DVR Camera designed to enhance your driving safety and provide reliable recording capabilities. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

2. PRODUCT OVERVIEW

The AC-FHD02DV camera offers a range of features for comprehensive vehicle surveillance and recording:

- **FHD 1080P Recording:** Captures clear, high-definition video footage.
- **GPS Track Playback:** Allows review of driving routes and incident locations.
- **Parking Surveillance:** Automatically activates upon collision detection when parked, recording 30-second video clips.
- **G-Sensor:** Detects collisions while driving and locks footage to prevent overwriting.
- **Strong Light Suppression:** Ensures clear details are captured even in direct sunlight.
- **Wide Dynamic Range (WDR):** Delivers clear recordings in challenging lighting conditions.
- **Night Vision:** Provides clear footage in low-light environments.
- **Auto Start & Loop Recording:** Automatically begins recording when the vehicle starts and continuously records by overwriting older files.
- **Outage-Proof Design:** Saves video footage during unexpected power loss.
- **136° Wide-Angle Lens:** Captures a broad view of the road.

ATOTOZONE

Different • Better • Trusted

"Expand Your Zone, Elevate Your Drive."

ATOTOZONE offers cutting-edge car audio for tech enthusiasts and audiophiles. We aim to enhance journeys with superior sound, ideal for those who embrace adventure and freedom.

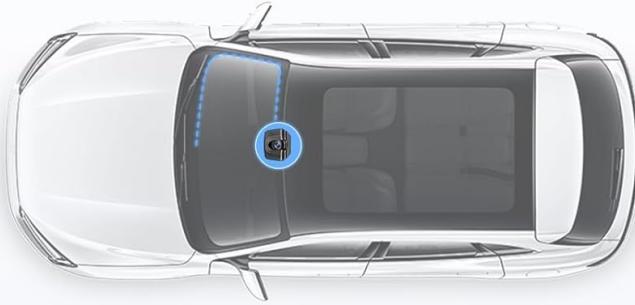


Image: Overview of AC-FHD02DV features including FHD 1080P, GPS Track Playback, Parking Surveillance, G-Sensor, Real Time Recording, Strong Light Suppression, WDR, Auto Start, Loop Recording, Outage-Proof, Night Vision, and 136° Wide Angle.

3. WHAT'S IN THE Box

Upon unboxing your ATOTOZONE AC-FHD02DV, you should find the following components:

- AC-FHD02DV Front Recording Camera
- Extension Cable (3.5m/11.48ft)
- Cable Frame
- Adapter Cable
- Online Manual Page (access details in package)



What's in the Box?



AC-FHD02DV
Front Recording Camera



Extension Cable for
AC-FHD02DV (3.5m/11.48ft)



Cable Frame



Adapter Cable



Online Manual Page

Image: The AC-FHD02DV Front Recording Camera, Extension Cable, Cable Frame, Adapter Cable, and Online Manual Page.

4. SETUP AND INSTALLATION

The AC-FHD02DV is designed for easy installation. Follow these general steps:

- Mount the Camera:** Securely attach the AC-FHD02DV camera to your vehicle's windshield, typically behind the rearview mirror, ensuring a clear view of the road.
- Route the Cables:** Use the provided cable frame and extension cable to neatly route the wiring along the windshield and dashboard to your compatible ATOTO X10 Series car stereo.
- Connect to Stereo:** Connect the adapter cable from the dash cam to the designated input port on your ATOTO X10 Series car stereo.

Easy to Install



Image: Visual guide demonstrating the simple connection of the dash cam to the car's system.

4.1. Compatibility Notice

This camera is **only compatible with ATOTO X10 Series** car stereos. It is not compatible with S8, A5, A6 PF/PP, F7, PND series, or third-party car stereos.

Compatibility

Only Compatible with Our X10 Series



X10 Series



Not Compatible with Third-party Car Stereos & Our Other Series



S8 Series



A6 PF/PP Series



F7 Series



PND Series

USB Card Reader & High-Endurance MicroSD card (M-A-X 128G) not included



Image: A chart illustrating the compatibility of the dash cam with ATOTO X10 Series and incompatibility with other ATOTO series and third-party stereos.

4.2. Dashcam Integration with ATOTO Stereo

This video demonstrates how an ATOTO dashcam integrates and functions with an ATOTO Android car stereo, including accessing its features and settings.

Video: ATOTO AC-44P2 Dashcam working with S8G2B74PM Android Car Stereo. This video shows the dashcam interface on the stereo and how to access recorded footage.

4.3. ADS Power Adapter Connection

This video provides instructions on connecting the ADS Power Adapter to your ATOTOTZONE X10 Series head unit, which may be necessary for certain vehicle integrations.

Video: AC-ADSX10 ADS Protocol Decoder Wiring Harness. This video details the steps for connecting the ADS power adapter and flashing the Maestro module for OEM feature retention.

5. OPERATION

5.1. FHD 1080P Recording & Loop Recording

The camera records continuously in Full HD 1080P. With loop recording enabled, older files are automatically overwritten by new footage once the memory card is full, ensuring uninterrupted recording.

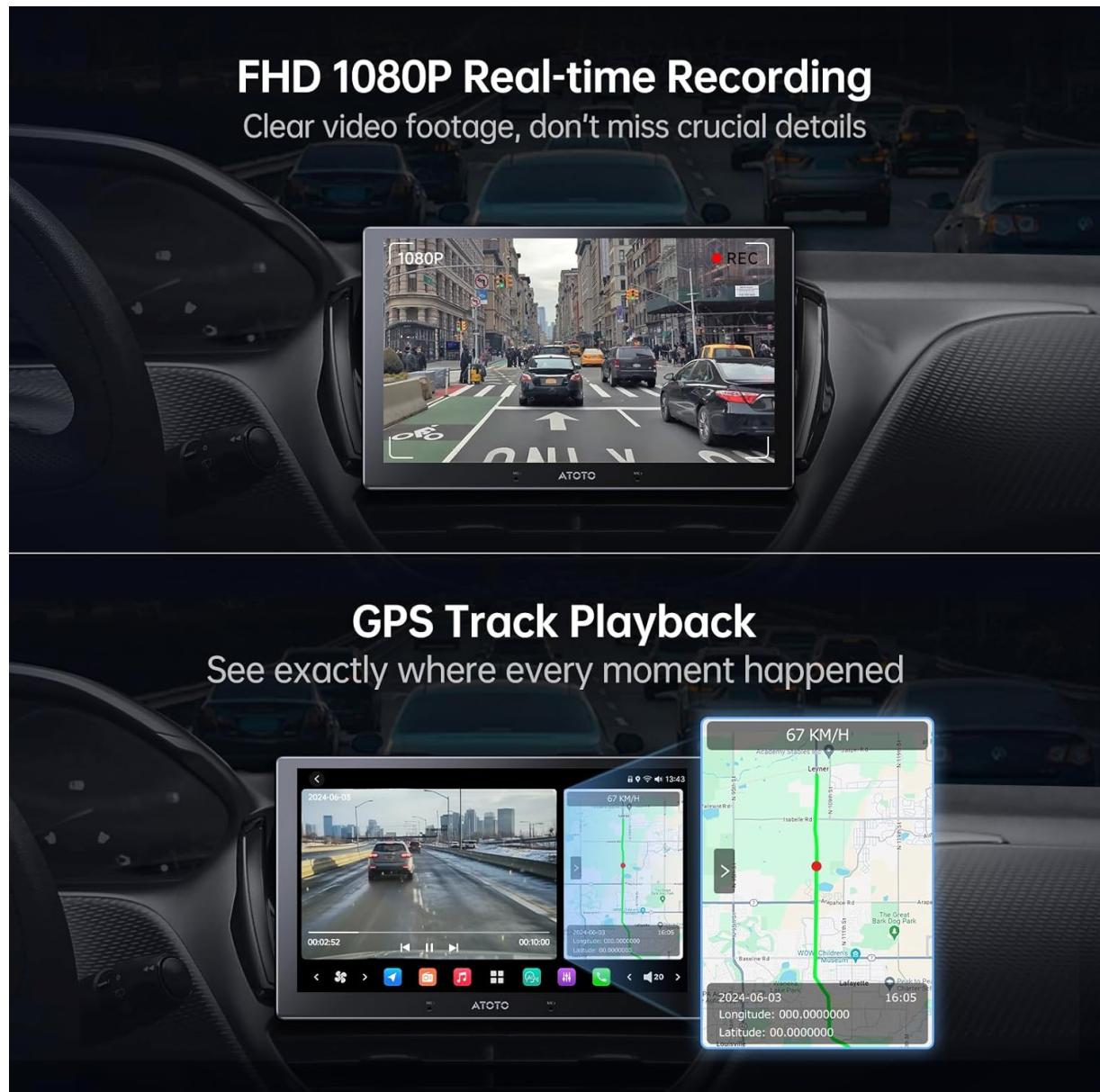


Image: A car stereo displaying real-time FHD 1080P video footage from the dash cam.



Image: An illustration depicting the continuous nature of auto start and loop recording, showing a film strip with various driving scenes.

5.2. GPS Track Playback

Review your driving routes and pinpoint the exact locations of incidents directly on your compatible ATOTO X10 Series stereo. This feature provides valuable context for recorded events.



Image: A car stereo screen showing video footage alongside a map with GPS tracking, indicating the vehicle's route and location.

For detailed GPS tracking and playback features, refer to the TrackHU app integration:

Video: TrackHU GPS Tracking APP for ATOTO Android System. This video explains how to use the TrackHU app for GPS tracking, including hiding the app icon, auto-run, and track playback with speed control.

5.3. Parking Surveillance & G-Sensor

When your vehicle is parked, the camera automatically activates upon detecting a collision, recording and locking a 30-second video clip as evidence. While driving, the built-in G-sensor detects sudden impacts or collisions and automatically locks the relevant footage.

Parking Surveillance

24/7 Reliable Guardian, Even When You're Away



Automatically activates, captures and locks a key 30s video clip

Image: A car stereo screen displaying the activation of parking surveillance after a simulated collision, showing a locked 30-second video clip.

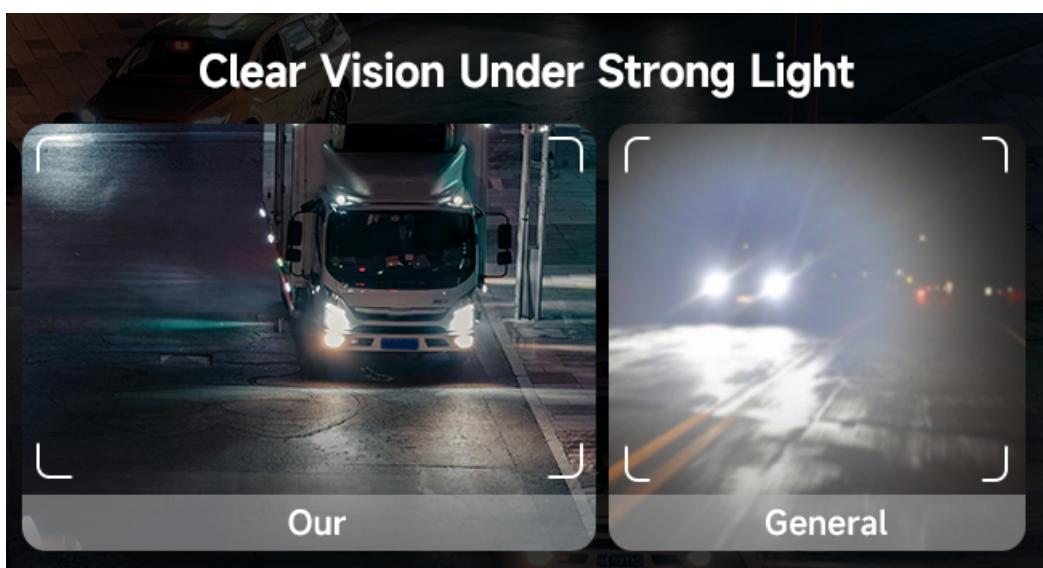


Image: A car stereo screen showing a locked video file due to G-sensor activation during a collision, highlighting the incident detection feature.



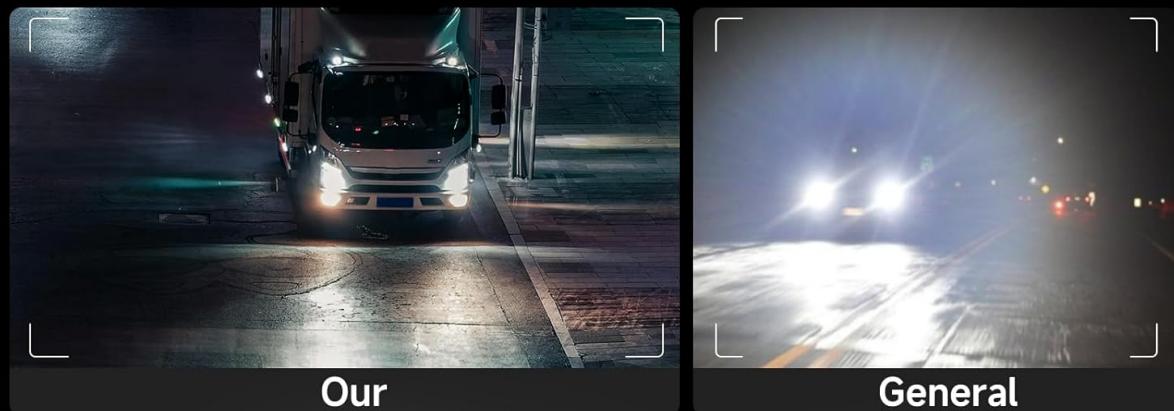
Image: A car stereo screen illustrating the G-sensor's ability to lock video footage during an incident and the outage-proof feature that saves recordings despite power loss.

5.4. Vision Enhancement (WDR, Strong Light Suppression, Night Vision)

The camera is equipped with WDR technology and strong light suppression to ensure clear recordings in various lighting conditions, including direct sunlight, tunnels, and mixed shadows. Night vision capabilities provide enhanced clarity in low-light environments.

Strong Light Suppression

Clear footage even in the glare of oncoming headlights



Wide Dynamic Range (WDR)

Both light and dark areas are captured clearly



Image: A split image demonstrating the effectiveness of strong light suppression and WDR technology in capturing clear video footage compared to general cameras in challenging light conditions.



Image: A clear image of a car driving at night, demonstrating the dash cam's night vision capabilities.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AC-FHD02DV camera, consider the following maintenance tips:

- **Clean the Lens:** Regularly clean the camera lens with a soft, lint-free cloth to prevent smudges or dust from affecting video quality.
- **Check Cable Connections:** Periodically inspect all cable connections to ensure they are secure and free from damage.

- **Format Memory Card:** Format the microSD card regularly (e.g., once a month) to maintain optimal recording performance and prevent data corruption. Back up any important footage before formatting.
- **Software Updates:** Check for available software updates for your ATOTO X10 Series stereo, as these may include improvements for dash cam functionality.

7. TROUBLESHOOTING

If you encounter any issues with your AC-FHD02DV camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not recording	Memory card full or corrupted; loose connection; power issue.	Format/replace memory card; check cable connections; ensure stereo is powered on.
Poor video quality	Dirty lens; incorrect settings; extreme lighting.	Clean lens; adjust brightness/WDR settings on stereo; ensure proper camera placement.
GPS not tracking	Weak GPS signal; software issue.	Ensure clear sky view for GPS antenna; check TrackHU app settings; update stereo software.
Parking mode not activating	G-sensor sensitivity too low; power supply issue.	Adjust G-sensor sensitivity in stereo settings; ensure continuous power supply to stereo.

8. SPECIFICATIONS

- **Product Dimensions:** 2.32 x 1.77 x 2.64 inches
- **Item Weight:** 8.8 ounces
- **Item Model Number:** AC-FHD02DV
- **Connectivity Technology:** Powerline
- **Special Features:** FHD 1080P, G-Sensor, GPS Track Playback, Parking Surveillance, Real Time Recording, Strong Light Suppression
- **Color:** Black
- **Video Capture Resolution:** 1080p
- **Mounting Type:** Dashboard Mount
- **Field Of View:** 138 Degrees

9. WARRANTY AND SUPPORT

Your ATOTOWZONE AC-FHD02DV comes with a **12-month product care** from the date of purchase. For any inquiries or assistance, please refer to the contact details provided in your product package. Our customer care team is available to respond during workdays.

Seek Help



Please refer to the details in the package to view the online manual in different languages. Our customer care, details provided in the box, will assist your problems.

Image: An illustration of a customer support agent with a headset, accompanied by text advising users to refer to package details for online manuals and customer care contact information.

Product Care



12 months of product care is provided by default from the date of purchase.

Image: A shield icon with the number '12' and text indicating '12 months of product care is provided by default from the date of purchase'.

Related Documents - AC-FHD02DV

	<p>ATOTO P5 Multi-Functional On-Dash Navigator User Manual</p> <p>Comprehensive user manual for the ATOTO P5 Multi-Functional On-Dash Navigator, covering installation, features like Bluetooth and Phone Link (CarPlay/Android Auto), audio settings, media playback, camera connections, and system settings.</p>
	<p>Timberk Air Conditioner User Manual: AC TIM Series</p> <p>This user manual provides comprehensive information on the Timberk AC TIM series air conditioners, including specifications, operating modes, maintenance, and troubleshooting for indoor and outdoor units. It details safe operation and product features for models like AC TIM 07H S8 through AC TIM 24H S8.</p>
	<p>Xmarto IP Camera User Guide: Setup, Features, and App Usage</p> <p>Comprehensive user guide for Xmarto IP cameras, covering setup, camera parts, app features like live footage and playback, motion detection, settings, and troubleshooting. Learn how to install and use your Xmarto camera effectively.</p>
	<p>SunPower AC Modules: Safety and Installation Instructions for Type E, G, and H</p> <p>Comprehensive guide for the safe installation and handling of SunPower Type E, Type G, and Type H AC Modules in the United States and Canada. Covers electrical connections, grounding, mounting configurations, site considerations, and maintenance procedures.</p>