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## TIESFONG A99WB

# TIESFONG A99WB 3-Channel Dash Cam Instruction Manual

Model: A99WB

## 1. INTRODUCTION

The TIESFONG A99WB is a sophisticated 3-channel dash camera system designed to provide comprehensive vehicle surveillance. It features high-resolution recording for the front, interior, and rear of your vehicle, along with advanced functionalities such as 24-hour radar parking monitoring, GPS tracking, Wi-Fi connectivity, and enhanced night vision. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance of your dash cam.

## 2. WHAT'S IN THE BOX

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

- A99WB Dash Camera Unit
- Rear Camera with Cable
- P7 Hardwire Kit
- OBD Connecting Cable
- 128GB SD Card
- CPL Filter
- User Manual
- Electrostatic Sticker (x3)
- Car Wire Trim Tool
- Adhesive Sticker
- Fuse Connecting Cable
- Fuse Wire (x8)
- Cable Clips (x5)
- Card Reader

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Video: A99WB Unboxing Video. This video demonstrates the unboxing process and shows all included components of the TIESFONG A99WB Dash Cam package.



Image: Overview of all items included in the TIESFONG A99WB Dash Cam package, including the main unit, cameras, cables, and accessories.

### 3. PRODUCT OVERVIEW

The TIESFONG A99WB Dash Cam features a compact design with a 3.16-inch HD screen. It integrates a 4K front camera, a 1080P interior cabin camera, and a 1080P rear camera. Control buttons are located on the side for menu navigation and settings adjustments. The unit also includes a built-in radar sensor for parking monitoring.

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Video: A99WB Product Overview. This video provides a detailed look at the physical components and design of the TIESFONG A99WB Dash Cam.

# 3 CHANNEL | BUILT-IN 360° RADAR SENSOR PARKING MONITOR



4K/2K  
Front Cam



3 Channel  
360° Recording



Cabin Cam  
170° Wide Angle



WDR & IR  
Night Vision



GPS  
Tracking



Radar Sensor  
Parking Mode



Loop  
Recording



Built-in  
Wi-Fi



G-sensor  
Emergency Lock



Low Voltage  
Protection

Image: The TIESFONG A99WB Dash Cam main unit, highlighting the front camera, interior camera, and radar sensor.



## CHANNEL RECORDING

# 3

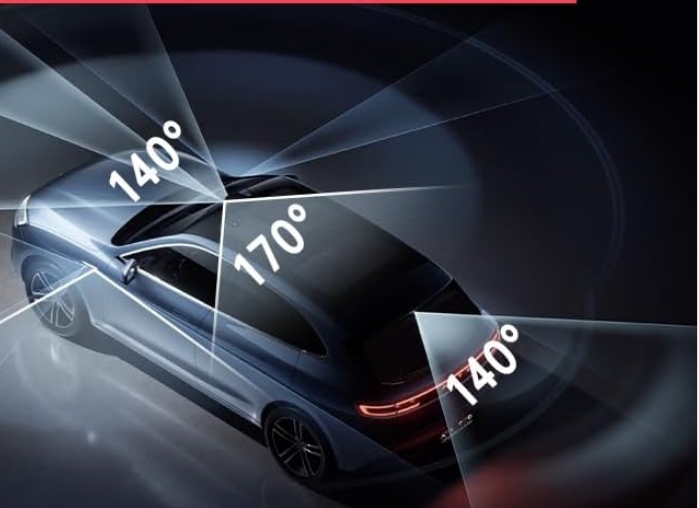


Image: Side view of the dash cam, illustrating the accessible control buttons for operation.

## 4. SETUP

### 4.1 Initial Setup

1. Insert the provided 128GB SD card into the dash cam's SD card slot.

2. Attach the dash cam to your windshield using the electrostatic sticker and adhesive. Ensure a clear view for all cameras.
3. Connect the rear camera to the main unit and route its cable appropriately.

## 4.2 Power Connection

The A99WB offers multiple power connection options for continuous operation and parking mode functionality:

- **OBD Connecting Cable:** Plug the OBD cable into your vehicle's OBD port. This provides power and enables parking mode.
- **P7 Hardwire Kit / Fuse Connecting Cable:** For a more permanent installation, use the P7 Hardwire Kit or Fuse Connecting Cable to connect directly to your vehicle's fuse box. This also supports parking mode and low voltage protection.

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Video: Simple to use. This video demonstrates the installation of the OBD power cable and basic setup of the dash cam.

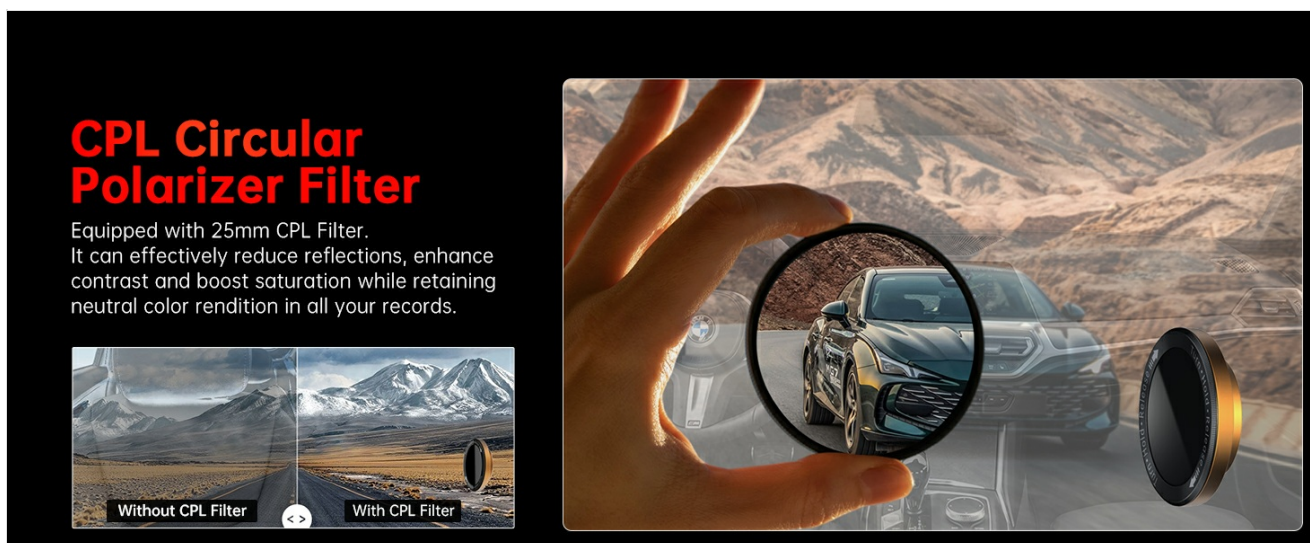


Image: Illustration of the various power connection methods, including OBD and fuse box wiring, for the TIESFONG A99WB Dash Cam.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

- **Power On/Off:** The dash cam will automatically power on and begin recording when connected to power and the vehicle starts. It will power off when the vehicle is turned off.
- **Menu Navigation:** Use the 'M' button to access the function page. Use the up/down arrow buttons to navigate through options and 'OK' to confirm selections.
- **Recording Modes:** The dash cam supports multiple recording modes (1-CH/2-CH/3-CH) which can be selected in the settings.

### 5.2 Features Overview

- **3-Channel Wide-Angle Recording:** The A99WB provides 140° front, 170° interior, and 140° rear camera views for 360-degree coverage.
- **High-Definition Recording:** Capture every detail with 1440P + 1080P + 1080P HD video recording in 3-channel mode, or 4K front + 1080P rear/inside in dual-channel mode.
- **24-Hour Radar Parking Monitor & Low Voltage Protection:** Equipped with intelligent radar monitoring, the dash

cam starts recording when an object moves within 1-3 meters of the vehicle while parked. It also features adjustable low voltage protection (11.8V/12.0V/12.2V) to prevent car battery drain.

- **Night Vision:** The interior camera has 4 infrared LED lights for clear low-light capture. WDR and HDR technology in front and rear cameras balance light for clear footage at night.
- **G-Sensor (Emergency Lock):** Automatically detects sudden collisions and locks the current 20-second video to prevent overwriting, securing important evidence. Suggested setting is 'low'.
- **Loop Recording:** Continuously records by overwriting the oldest files when the SD card is full, ensuring uninterrupted recording.
- **Built-in WiFi & App:** Connect to the "TSCAM" app via built-in WiFi for live preview, playback, download, editing, and sharing of videos. Note: WiFi does not support remote connection.
- **Built-in GPS Tracking:** Records driving track, speed, and provides accurate positioning information. View GPS data via the TsCam app or free GXPlayer on PC (Windows and Mac).
- **CPL Filter:** The included CPL filter reduces light refraction from the windshield, enhancing contrast and color saturation for clearer recordings.


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Video: TIESFONG A99WB 360 Radar Parking Monitor. This video demonstrates the functionality of the radar parking monitor feature.


## 3 Lenses, Various Recording Mode

**3CH:** 1440P+1080P+1080P


**2CH:** 2160P(Front)+1080P(Rear)  
2160P(Front)+1080P(Cabin)



Front: 2160P 140°



Cabin: 1080P 170°

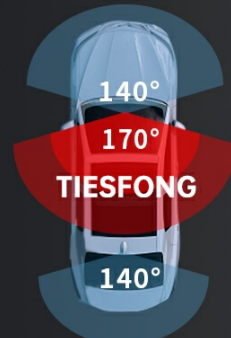


Rear: 1080P 140°


Image: Visual representation of the 3-channel recording capability, showing simultaneous views from the front, cabin, and rear cameras.

## 3 Lenses 360° Recording


3 cameras recording simultaneously, 170° wide angle lens inside the car  
Eliminate blind spots, Effectively record the accident on both sides.  
Achieve 360° protection




TIESFONG




Left Side



Right Side



Front



Rear

Image: Diagram illustrating the 360-degree recording coverage provided by the dash cam's multiple lenses.

## G-Sensor

Auto detects a collision and locks the current footage from being overwritten, thus providing evidence for insurance claims and traffic disputes.



Image: Visual comparison demonstrating the effectiveness of WDR and HDR technology for clear night vision recordings.

## 24/7 Parking Mode Microwave radar sense

Advanced 5.8G millimeter microwave radar 360° moving object sensing of the vehicle. Approaching a vehicle starts recording. The machine goes into sleep when no moving object approaches. Saves up to 90% of power consumption compared to normal surveillance.

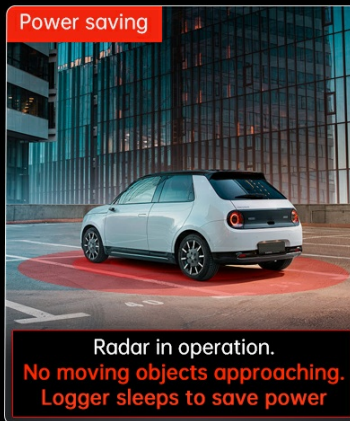


Image: Graphic explaining how the G-Sensor detects impacts and automatically locks video footage as evidence.

## 24/7 Parking Mode Rear View Monitor

360° all-around vehicle monitoring, a reliable witness to the accident when your parked car is scratched or crashed. When the moving object is 3-5 meters away from the car, the recorder will start in advance to record the whole process of approaching.



Image: Diagram illustrating the 24/7 radar parking mode, showing how it detects movement and initiates recording around a parked vehicle.

## 24/7 Parking Mode Intelligent Monitoring

Used according to the parking environment, one key switch on the recorder, no need for frequent software settings.

PS:

When the car is started, the radar light does not work (does not light up), the recorder works normally.

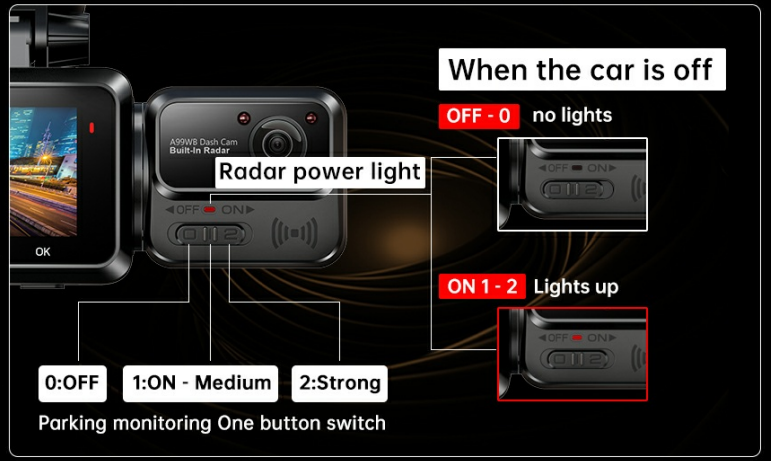


Image: Comparison showing power saving and effective recording states of the microwave radar sense parking mode.

## 24/7 Parking Mode Low-VOL Protection

Three levels selectable 11.8V/12.0V/12.2V.

When the voltage falls below the set protection value, it will automatically disconnect the power supply to prevent the battery from being exhausted.

PS: Two types of connectors, one of which can be selected according to installation requirements.

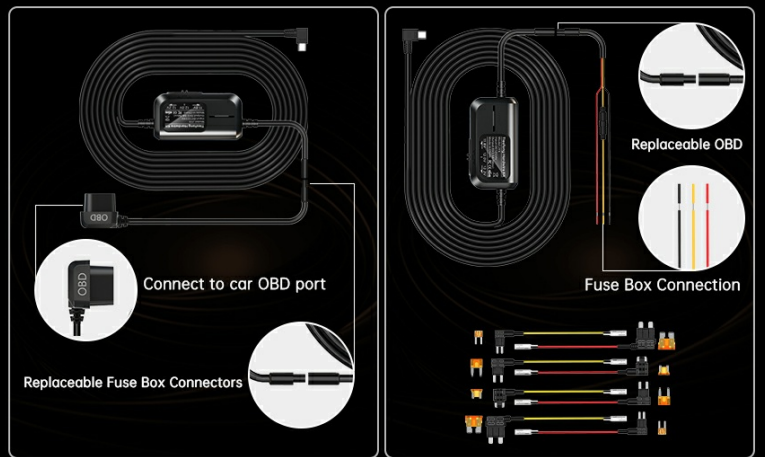


Image: Illustration of the rear view monitor's functionality in 24/7 parking mode, detecting approaching objects.

## BUILT-IN WiFi & FREE APP

Connect your smartphone to the camera

Via free APP for live preview, playback, download, GPS tracking, edit & easy sharing.



**APP download method:**

1. IOS systems Search for "Tscam" in the mobile appmarket to download.
2. Android search "Tscam" on Google play to download.

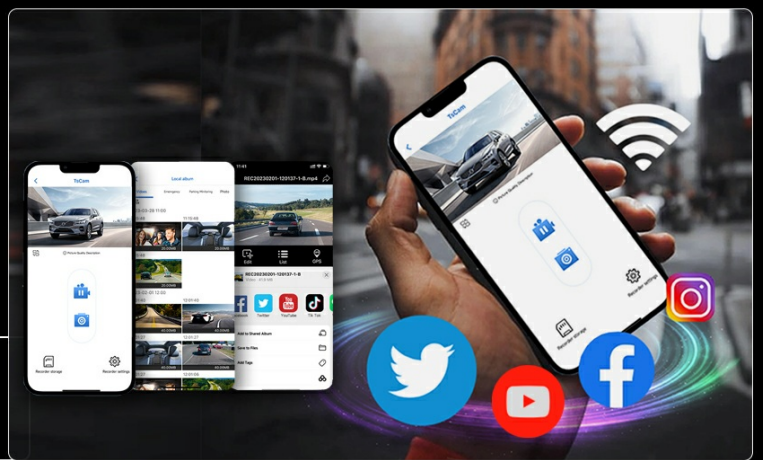


Image: Diagram detailing the intelligent monitoring switch for activating and adjusting 24/7 parking mode.

# GPS TRACKING

Accurately log your driving speed, location and routes. Allows you to track GPS data on Google Maps via the TsCam App or the free GXPlayer on PC (Windows and Mac).

## HOW TO INSTALL GXPLAYER PLAYER?

### ① MAC system computer:

Search "GXPlayer" on the application market of Apple computer to install it.

### ② Windows system computer:

Windows systems, you can automatically generate the GXPlayer installation file from the memory card used in TIESFONG Dash Cam, find GXplayer in the file, and click download, and install GXplayer player to use.



Image: Screenshot of the TSCAM mobile application interface, demonstrating its features for managing dash cam recordings via WiFi.



Image: Diagram explaining the GPS tracking feature and how to use the GXPlayer software for reviewing recorded routes and data.



Image: Close-up of the CPL (Circular Polarizer) filter, which helps reduce glare and reflections from the windshield.

## 6. SETTINGS

Access the settings menu by pressing the 'M' button. Use the arrow keys to navigate and 'OK' to select. Key settings include:

- **Resolution:** Adjust video resolution for front, interior, and rear cameras (e.g., 4K+1080P, 1440P+1080P+1080P).

- **Loop Record:** Set video clip length (1/2/3 minutes).
- **G-Sensor:** Adjust crash sensitivity (Off, Low, Middle, High). Suggested setting is 'low'.
- **Language:** Select from multiple available languages.
- **Screen Saver:** Configure screen saver settings for power efficiency.
- **Clock:** Manually set the time.
- **Format Card:** Format the SD card to ensure proper function.
- **Reset:** Restore factory settings.
- **GPS Status:** Display GPS signal status.
- **Speed Adjust:** Fine-tune speed display.
- **Speed Unit:** Select speed unit (e.g., MPH, KM/H).
- **Time Zone:** Set the correct time zone.
- **Daylight Saving:** Enable or disable daylight saving adjustment.

## 7. MAINTENANCE

- Regularly format the SD card (at least once a month) to maintain optimal recording performance and prevent data corruption.
- Keep camera lenses clean using a soft, lint-free cloth to ensure clear video quality.
- Ensure all cable connections are secure to prevent power interruptions.

## 8. TROUBLESHOOTING

- **Dash Cam not powering on:** Check all power connections (OBD, fuse box, or cigarette lighter adapter). Ensure the vehicle's ignition is on if not using a hardwire kit for constant power.
- **Recording issues:** Format the SD card. Ensure the SD card is not full (loop recording should prevent this, but formatting can resolve other issues). Check resolution settings.
- **Parking mode not activating:** Ensure the radar switch is toggled to ON (1 or 2) and the dash cam is properly hardwired or connected via OBD for continuous power.
- **WiFi connection problems:** Ensure the dash cam's WiFi is enabled in settings. Try restarting both the dash cam and your mobile device.
- **GPS not tracking:** Ensure the GPS module is properly connected and has a clear view of the sky. Check GPS status in the settings menu.

## 9. SPECIFICATIONS

<b>Product Dimensions</b>	1.96 x 7 x 3.54 inches
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<b>Item Weight</b>	7.4 ounces
<b>Model Name</b>	A99WB
<b>Color</b>	Black
<b>Video Capture Resolution</b>	1440p + 1080p (up to 4K front)
<b>Field Of View</b>	360 Degrees (140° Front, 170° Interior, 140° Rear)
<b>Mounting Type</b>	Windshield Mount
<b>Connectivity Technology</b>	P7 Hardwire Kits, OBD Connecting, WiFi
<b>Special Features</b>	24-Hour Radar Parking Monitor & Low Voltage Protection, 3 Channel Dash Camera, Built-in WIFI & GPS, Easy Installation, IR Night Vision, Built-in G-sensor, Emergency lockout, CPL Filter, 128G SD Card included

## 10. WARRANTY AND SUPPORT

For warranty information, please refer to the specific terms provided with your purchase documentation. For technical support or any questions regarding your TIESFONG A99WB Dash Cam, please contact TIESFONG customer service. Contact details can typically be found in the included User Manual or on the official TIESFONG website.