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## TECXERLLON TX-4K

# TECXERLLON Dash Cam TX-4K User Manual

Model: TX-4K

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your TECXERLLON TX-4K Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience. The TECXERLLON TX-4K is a 4K Full HD dash camera designed to record driving footage, offering features such as built-in GPS, Wi-Fi connectivity, a 160° wide-angle lens, enhanced night vision, G-Sensor for incident detection, and continuous loop recording.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- TECXERLLON TX-4K Dash Cam
- 64GB U3 SD Card
- Type-C Power Cable
- Dust Free Cloth & Alcohol Cotton
- Mount Tool
- Electrostatic Sticker (x2)
- 3M Glue (x1)
- User Manual

SAFE DRIVING STARTS HERE –  
THE PERFECT GIFT!



Figure 2.1: Contents of the TECXERLLON TX-4K Dash Cam package.

### 3. PRODUCT OVERVIEW

The TECXERLLON TX-4K Dash Cam is engineered to provide reliable and high-quality video recording for your vehicle. Key features include:

- **4K Full HD Recording:** Captures video in 4K resolution for clear detail.
- **160° Wide Angle Lens:** Provides a broad field of view to minimize blind spots.
- **Enhanced Night Vision:** Delivers clear footage in low-light conditions.
- **Built-in GPS:** Records driving route, speed, and location data.
- **Built-in Wi-Fi & App:** Allows seamless connectivity for viewing and managing recordings via a dedicated smartphone app.
- **G-Sensor:** Automatically detects collisions and locks incident footage.
- **Loop Recording:** Ensures continuous recording by overwriting older files when the memory card is full.
- **24H Parking Monitor:** Monitors your vehicle when parked (requires separate time-lapse cable).

Figure 3.1: Key features of the TECXERLLON TX-4K Dash Cam.

## 4K ULTRA HD DASH CAM

Capture every Detail in Crystal Clear



Figure 3.2: The 6-layer optical glass lens design for enhanced image clarity.

## 4. SETUP AND INSTALLATION

1. **Prepare the Windshield:** Clean the area on your windshield where you intend to mount the dash cam. Ensure it is free of dust and grease.
2. **Apply Electrostatic Sticker:** Place an electrostatic sticker on the cleaned area of the windshield. This helps protect your windshield and makes removal easier.
3. **Attach Mount:** Secure the dash cam mount to the electrostatic sticker using the provided 3M adhesive. Press firmly for at least 30 seconds to ensure a strong bond.
4. **Insert SD Card:** Insert the included 64GB U3 SD card into the designated slot on the dash cam. Ensure it clicks into place.
5. **Mount the Dash Cam:** Slide the dash cam onto the mounted bracket. Adjust the lens angle to ensure it captures the road ahead clearly, covering the desired 160° field of view.
6. **Connect Power:** Connect the Type-C power cable to the dash cam and plug the other end into your vehicle's 12V power outlet (cigarette lighter socket). Route the cable neatly along the windshield and dashboard to avoid obstructing your view or interfering with driving controls.

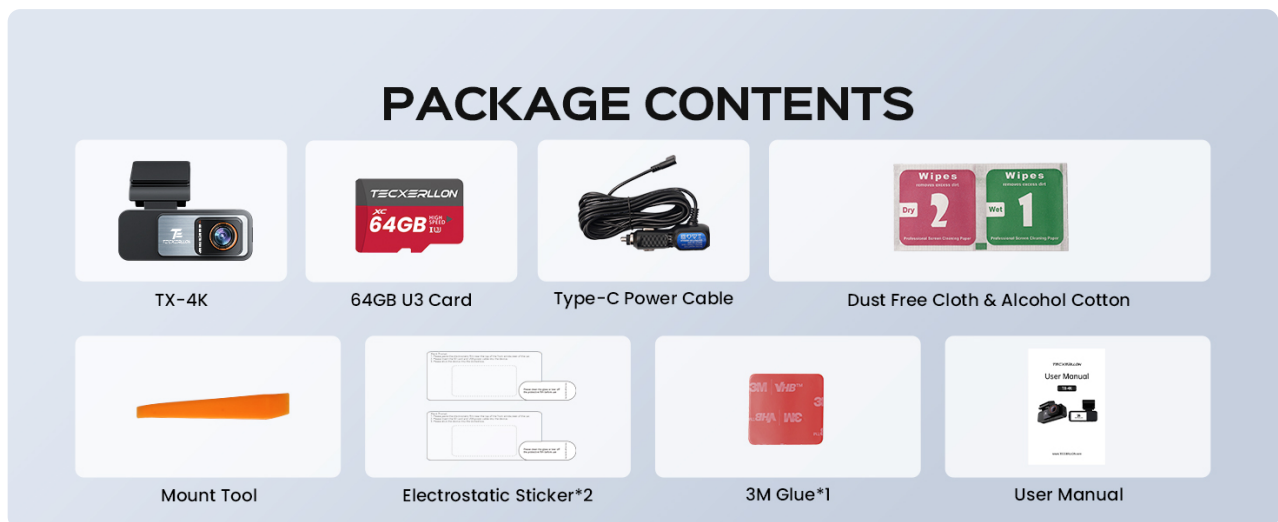


Figure 4.1: Dash cam mounted on a car windshield.

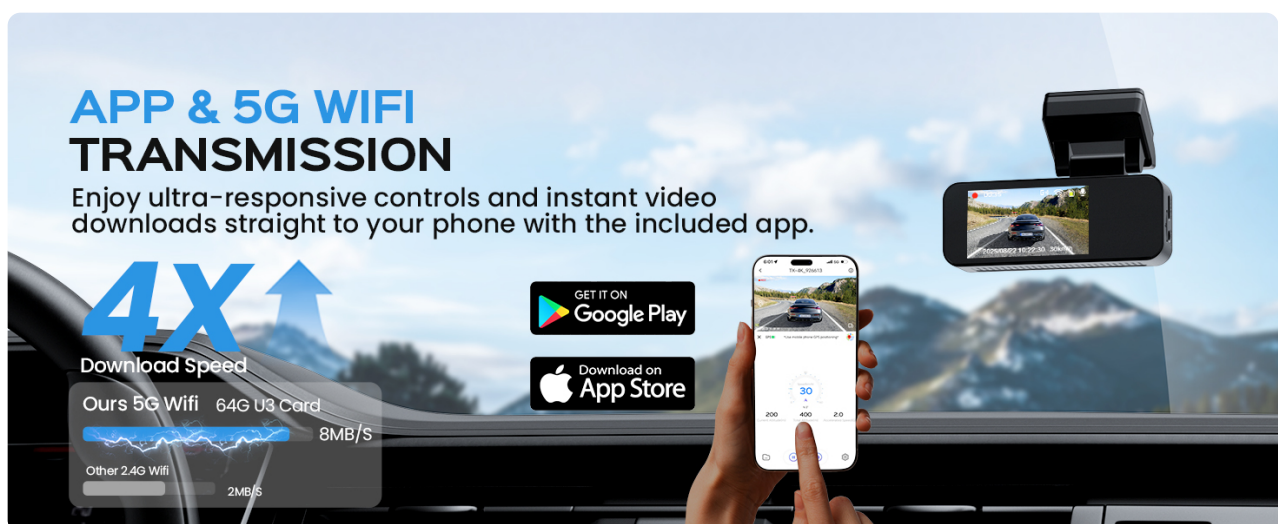


Figure 4.2: Connecting the dash cam to the car's power outlet.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on. It will power off automatically when the ignition is turned off.

### 5.2 Loop Recording

The dash cam records video in continuous loops. When the SD card is full, the oldest unlocked files will be automatically overwritten by new recordings. The included 64GB SD card provides ample storage before overwriting occurs.



Figure 5.1: Loop recording mechanism.

### 5.3 G-Sensor (Emergency Locking)

The built-in G-Sensor detects sudden impacts or rapid acceleration/deceleration. When triggered, it automatically locks the current video segment to prevent it from being overwritten by loop recording. The G-Sensor sensitivity can typically be adjusted in the device settings (Low, Medium, High).



Figure 5.2: G-Sensor activation and sensitivity settings.

### 5.4 Built-in GPS

The integrated GPS module accurately records your vehicle's driving route, speed, and location data. This information can be viewed and analyzed through the dedicated smartphone application or compatible computer software.



Figure 5.3: GPS tracking and route review via app.

## 5.5 Wi-Fi Connectivity and Dedicated App

The dash cam features built-in Wi-Fi (5GHz for faster transfer) for wireless connection to your smartphone. Download the dedicated app from the Google Play Store or Apple App Store. The app allows you to:

- View live footage from the dash cam.
- Review recorded videos and photos.
- Download recordings directly to your smartphone.
- Adjust dash cam settings.

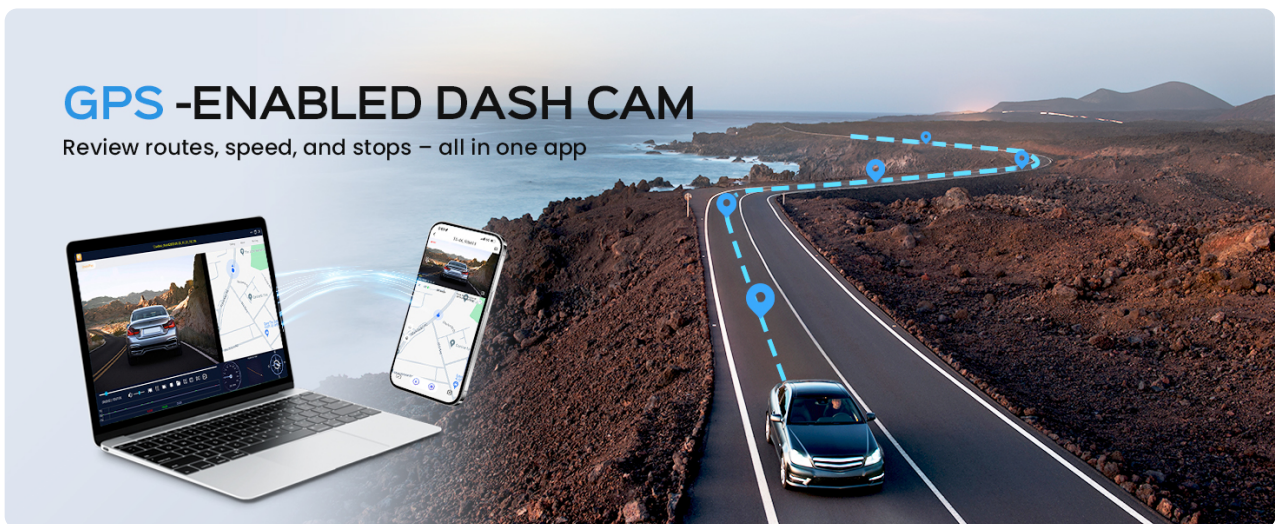


Figure 5.4: Wi-Fi connectivity and app interface.

## 5.6 24H Parking Monitor

When enabled, the 24-hour parking monitor allows the dash cam to continue recording events even when your vehicle is parked and the ignition is off. This feature requires a separate time-lapse hardwire kit (sold separately) for continuous power supply.

## 5.7 Night Vision

The dash cam is equipped with enhanced night vision technology to capture clear and detailed video footage in low-light conditions, improving visibility during nighttime driving or in dimly lit environments.

## 6-LAYER OPTICAL GLASS LENS

Delivers 60% better light transmission with zero distortion for crystal-clear, high-definition footage

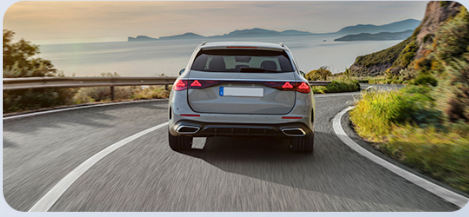


Figure 5.5: Enhanced night vision capability.

## 6. MAINTENANCE

- **Cleaning the Lens:** Use the provided dust-free cloth and alcohol cotton to gently clean the camera lens. Avoid abrasive materials that could scratch the lens.
- **SD Card Management:** Periodically format the SD card (e.g., once a month) through the dash cam's settings to maintain optimal performance and prevent data corruption. Back up any important files before formatting.
- **Firmware Updates:** Check the TECXERLLON official website or app for any available firmware updates to ensure your dash cam has the latest features and bug fixes.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for extended periods, as this can affect battery life and device performance.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable.	Check power connection to the car's 12V outlet. Ensure the Type-C cable is securely connected. Test with another power source if possible.
Recording stops or freezes.	SD card error; full SD card; incompatible SD card.	Format the SD card. Ensure you are using a high-speed (U3 or higher) SD card. Replace the SD card if the issue persists.
Video footage is blurry or unclear.	Dirty lens; protective film still on lens.	Clean the camera lens with the provided cloth. Remove any protective film from the lens.
Wi-Fi connection issues.	Incorrect password; app issues; interference.	Ensure correct Wi-Fi password. Restart the dash cam and your smartphone. Reinstall the app if necessary.
GPS not recording location/speed.	Poor GPS signal; GPS module error.	Ensure the dash cam has a clear view of the sky. Drive for a few minutes to allow GPS to acquire a signal.

## 8. SPECIFICATIONS

- **Model Number:** TX-4K
- **Product Dimensions:** 8.43"D x 5.47"W x 2.44"H
- **Item Weight:** 15.6 ounces
- **Video Capture Resolution:** 4K (2083 pixels, specific resolution may vary)
- **Lens Angle:** 160° Wide Angle
- **Connectivity:** USB, Wi-Fi (5GHz)
- **Special Features:** Built-In GPS, Built-In Microphone, Built-In Speaker, Built-In WiFi, G-Sensor, Night Vision, Loop Recording, 24H Parking Monitor (with optional hardwire kit)
- **Included Components:** 64GB SD card
- **Mounting Type:** Windshield Mount
- **Control Method:** App, Push Button
- **Color:** Gunmetal Gray
- **Manufacturer:** TECXERLLON

## 9. WARRANTY AND SUPPORT

TECXERLLON products are designed for quality and reliability. For technical assistance, warranty claims, or any product-related inquiries, please contact our technical services team.

**Technical Services Email:** [support@tecxerllon.com](mailto:support@tecxerllon.com)

Please retain your proof of purchase for warranty purposes.