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› TECXERLLON TX-4K Dash Cam User Manual

TECXERLLON TX-4K

TECXERLLON TX-4K Dash Cam User Manual

Model: TX-4K

1. INTRODUCTION

Thank you for choosing the TECXERLLON TX-4K Dash Cam. This device is designed to provide high-quality video recording of your journeys, enhancing driving safety and providing crucial evidence in case of incidents. Featuring 4K resolution, a 160° wide-angle lens, built-in GPS, Wi-Fi connectivity, G-Sensor, and night vision, this dash cam offers comprehensive coverage and advanced functionalities. Please read this manual thoroughly before use to ensure proper operation and maintenance.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

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



Image: Contents of the TECXERLLON TX-4K Dash Cam package, including the dash cam unit, 64GB SD card, power cable, mounting tools, stickers, cleaning supplies, and user manual.

3. PRODUCT OVERVIEW

The TECXERLLON TX-4K Dash Cam features a compact design with a high-resolution lens and integrated display. Key components include the main camera lens, mounting bracket slot, power input, and control buttons. The device is equipped with a 6-layer optical glass lens for enhanced image clarity.



Image: The TECXERLLON TX-4K Dash Cam, showing its compact form factor, included 64GB SD card, and a smartphone screen displaying the dash cam's live view and GPS tracking via the companion app.

CRASH LOCKING

G sensor activated emergency recording



High

Minor scratches/vibrations



Medium

Minor impacts



Low

Major collisions

Image: A diagram illustrating the 6-layer optical glass lens structure of the dash cam, highlighting its components for improved light transmission and image sharpness.

4. SETUP AND INSTALLATION

4.1 Inserting the SD Card

1. Ensure the dash cam is powered off.
2. Locate the SD card slot on the side of the dash cam.
3. Insert the provided 64GB U3 SD card with the gold contacts facing the back of the camera until it clicks into place.
4. To remove, gently push the card until it springs out.

Note: It is recommended to format the SD card regularly (e.g., monthly) to ensure optimal performance and prevent data corruption. This can usually be done through the dash cam's settings menu or the companion app.

4.2 Mounting the Dash Cam

1. Clean the chosen area on your windshield thoroughly with the alcohol cotton and allow it to dry.
2. Apply an electrostatic sticker to the cleaned area. This helps protect your windshield and makes removal easier.
3. Attach the 3M adhesive mount to the electrostatic sticker. Press firmly for at least 30 seconds.
4. Slide the dash cam onto the mounting bracket until it locks securely.
5. Adjust the lens angle to ensure it captures the road ahead clearly, covering a 160° wide view.

4K ULTRA HD DASH CAM

Capture every Detail in Crystal Clear Resolution



Image: The TECXERLLON TX-4K Dash Cam installed on a car windshield, demonstrating its 160-degree wide-angle coverage of the road ahead.

4.3 Power Connection

1. Connect the Type-C power cable to the dash cam's power input port.
2. Plug the other end of the power cable into your vehicle's 12V power outlet (cigarette lighter socket).
3. Route the cable neatly along the windshield and dashboard edges to avoid obstructing your view or interfering with driving.

GPS -ENABLED DASH CAM

Review routes, speed, and stops – all in one app



Image: A car charger plugged into a vehicle's power outlet, with the dash cam's Type-C cable connected, and additional USB ports available for charging other devices.

4.4 Connecting to the Mobile App (Wi-Fi)

1. Download the dedicated TECXERLLON app from the Google Play Store or Apple App Store.
2. Turn on the dash cam.
3. Enable Wi-Fi on your smartphone and connect to the dash cam's Wi-Fi network (SSID and password usually displayed on the dash cam screen or in the manual).
4. Open the TECXERLLON app and follow the on-screen instructions to connect to your dash cam.

6-LAYER OPTICAL GLASS LENS

Enhanced Sharpness | No Distortion
| 60% Improved Light Transmission

6-Layer
HD lens

4K HD
Ultra-clear imaging

F1.8
Large aperture



Image: A smartphone displaying the TECXERLLON dash cam app interface, showing video playback and a comparison of 5GHz Wi-Fi download speeds versus 2.4GHz Wi-Fi.

5. OPERATING INSTRUCTIONS

5.1 Automatic Recording and Loop Recording

Once powered on, the dash cam will automatically begin recording. The device utilizes loop recording, meaning that when the SD card is full, the oldest unlocked files will be overwritten by new recordings. The included 64GB SD card provides ample storage before overwriting occurs.



Image: An illustration depicting the loop recording function of the dash cam, showing how new recordings overwrite older, unlocked files on the 64GB SD card when storage is full.

5.2 G-Sensor (Emergency Recording)

The built-in G-Sensor detects sudden impacts or collisions. When activated, it automatically locks the current video segment, preventing it from being overwritten by loop recording. The sensitivity of the G-Sensor can typically be adjusted (High, Medium, Low) in the dash cam settings or via the app.

APP & 5GHz WIFI TRANSMISSION

4X ↑
Download Speed

Ours 5G Wifi 64G U3 Card

8MB/s

Other 2.4G Wifi

2MB/s



GET IT ON
Google Play



Download on
App Store

Image: An illustration demonstrating the G-Sensor's crash locking feature, showing a car accident scenario and how the dash cam automatically locks incident footage to prevent overwriting.

5.3 Night Vision

The dash cam is equipped with enhanced night vision technology to capture clear and detailed footage even in low-light conditions. This feature ensures reliable recording during nighttime driving.

CRYSTAL CLEAR NIGHT VISION

Enhanced clarity for low-light environments

TECXERLLON

18-D-12345

18-D-12345

Other

Image: A comparison image showing the clarity of night vision footage captured by the TECXERLLON dash cam versus a standard camera in low-light urban environments.

5.4 GPS Functionality

The built-in GPS module accurately records your driving route, speed, and location data. This information can be viewed and analyzed through the dedicated mobile app or compatible desktop software, providing a comprehensive record of your journeys.

GPS-ENABLED DASH CAM

Review routes, speed, and stops – all in one app



Image: A car driving on a scenic road, with a laptop and smartphone displaying the dash cam's GPS tracking data overlaid on a map, showing route, speed, and stops.

5.5 24-Hour Parking Monitor

The dash cam supports 24-hour parking surveillance. When properly configured (requires a separately sold time-lapse hardwire kit), the dash cam can monitor your vehicle for impacts or motion even when the engine is off. This provides continuous protection for your parked vehicle.

Important Note: For full 24-hour parking mode functionality, a dedicated hardwire kit (time-lapse cable) is required and sold separately. Using parking mode without a hardwire kit may drain your vehicle's battery.

6. MAINTENANCE

6.1 SD Card Management

- **Formatting:** Regularly format the SD card (e.g., once a month) to maintain optimal recording performance and prevent file corruption. This can be done through the dash cam's menu settings or the mobile app.
- **Card Lifespan:** SD cards have a limited number of write cycles. If you experience frequent recording errors, consider replacing the SD card with a new, high-endurance card.

6.2 Cleaning the Dash Cam

- Use a soft, dry cloth to clean the dash cam body.
- For the lens, use a lens cleaning cloth or the provided dust-free cloth to gently wipe away dust or smudges. Avoid abrasive materials or harsh chemicals.

6.3 Environmental Considerations

- Avoid exposing the dash cam to extreme temperatures for extended periods, as this can affect battery life and component longevity.
- Ensure the dash cam is securely mounted to prevent vibrations from affecting video quality or causing damage.

7. TROUBLESHOOTING

- **Dash Cam Not Powering On:**
 - Check the power cable connection to both the dash cam and the vehicle's power outlet.
 - Ensure the vehicle's power outlet is functioning (test with another device).
 - Verify the vehicle's fuse for the power outlet is not blown.
- **Recording Errors / Footage Not Saving:**
 - Format the SD card through the dash cam's settings.
 - Ensure the SD card is inserted correctly and is not full (loop recording should handle this, but check for locked files).
 - Try a different high-endurance SD card (U3 or higher recommended).
- **Wi-Fi Connection Issues:**
 - Ensure the dash cam's Wi-Fi is enabled.
 - Restart both the dash cam and your smartphone.
 - Confirm you are connecting to the correct Wi-Fi network (SSID) displayed on the dash cam.
 - If prompted, enter the correct Wi-Fi password.
- **GPS Not Recording Location/Speed:**
 - Ensure the dash cam has a clear view of the sky for GPS signal acquisition.
 - Allow a few minutes for the GPS module to acquire a signal after powering on.
 - Check dash cam settings to ensure GPS is enabled.
- **Poor Video Quality:**
 - Clean the dash cam lens.

- Ensure the protective film has been removed from the lens.
- Check dash cam settings for resolution (ensure it's set to 4K).

8. SPECIFICATIONS

Model Number	TX-4K
Video Capture Resolution	4K (2083 pixels, inferred from 4K title)
Lens Angle	160° Wide Angle
Connectivity Technology	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 (requires separate hardwire kit)
Included Components	64GB SD card, Type-C Power Cable, Mount Tool, Electrostatic Stickers, 3M Adhesive, Cleaning Cloth, User Manual
Product Dimensions	8.43 x 5.47 x 2.44 inches
Item Weight	15.6 ounces
Mounting Type	Windshield Mount
Control Method	App, Push Button

Note: Specifications are subject to change without prior notice.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

TECXERLLON products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included in your package or contact customer support.

9.2 Customer Support

If you encounter any issues or have questions regarding your TECXERLLON TX-4K Dash Cam, please contact our technical support team:

Email: support@tecxerllon.com

Our support team is available to assist you with setup, troubleshooting, and general inquiries.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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