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TECXERLLON X4

TECXERLLON X4 Dual Dash Cam User Manual

Model: X4

INTRODUCTION

Thank you for choosing the TECXERLLON X4 Dual Dash Cam. This manual provides essential information for the proper installation, operation, and maintenance of your device. Please read it thoroughly before use to ensure optimal performance and safety.



Image: TECXERLLON X4 Dual Dash Cam main unit, showcasing its compact design.

WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1 x TECXERLLON X4 Dual Dash Cam (Front Unit)
- 1 x Rear Camera
- 1 x 11.5 ft Car Charger Cable
- 1 x 64GB TF Card (pre-installed)
- 2 x Static Cling Assist Stickers
- 1 x User Manual
- 1 x Mount Tool
- 2 x 3M Glue
- Dust Free Cloth & Alcohol Cotton



Image: All components included in the TECXERLLON X4 Dual Dash Cam package, neatly arranged.

PRODUCT FEATURES

Ultra HD 4K Front + 2K Rear Recording

The TECXERLLON X4 supports simultaneous dual-channel recording. The front camera captures footage in 3840×2160P resolution, while the rear camera records in 2560×1440P. This ensures comprehensive coverage with a 160° ultra-wide-angle front lens and a 150° rear lens, minimizing blind spots.



Image: Visual representation of the dual camera system, showing the 4K front and 2K rear cameras capturing wide-angle views of the road.

Seamless Loop Recording & G-Sensor Protection

The dash cam comes with a pre-installed 64GB SD card. Loop recording automatically overwrites the oldest footage to ensure continuous recording. The built-in G-Sensor detects sudden impacts, braking, or collisions, automatically locking and protecting the relevant video clips from being overwritten, preserving critical evidence.

G-Sensor **Lock Emergency Video**

Auto-Lock Critical Evidence on Impact

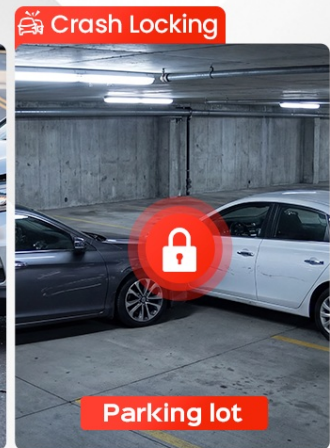
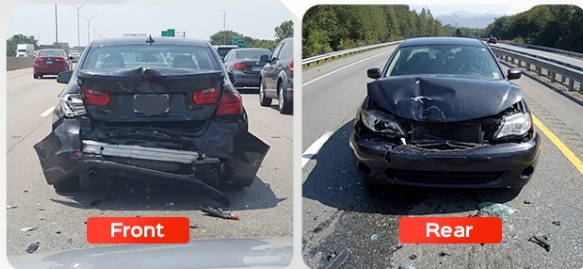


Image: Depiction of the G-Sensor activating to lock video footage during various collision scenarios on the road and in a parking lot.

Loop Recording **With 64GB Card**

Newly recorded videos will automatically overwrite the old ones when the memory card is full.



Image: Illustration of the loop recording function, where new videos automatically overwrite older ones when the 64GB memory card is full.

Super Starlight Night Vision

Equipped with a STARVIS image sensor and an F1.8 large aperture, the dash camera provides enhanced light intake for clear, detailed footage in low-light conditions. WDR (Wide Dynamic Range) technology optimizes exposure, reducing glare from headlights and preserving details like license plates and road signs.

Ultra Starlight **Night Vision**

Captures every detail in low light for crystal-clear footage and enhanced nighttime safety with **STARVIS 2 Sensor**



Image: A side-by-side comparison demonstrating the superior clarity of Starlight Night Vision compared to standard night vision in dark environments.

WDR Smart Image Adjustment

Perfectly balanced exposure — no glare, no washout

Strong light suppression

Night Vision Enhanced

Backlight Optimization

WDR Camera

Backlight is naturally clear and transparent
Strong light details are sharp

Regular Camera

Backlight overexposed and washed out
Strong light glaring and distorted

Image: Diagram illustrating the benefits of WDR Smart Image Adjustment, including strong light suppression, enhanced night vision, and backlight optimization for balanced exposure.

Built-in 5G WiFi & GPS Tracking

The integrated 5.8GHz WiFi allows for seamless connection to your iOS or Android device to view, manage, and download recordings. The built-in GPS module accurately logs driving routes, location, and speed, embedding this data directly into each video file.

Built-In GPS With Offline Maps

Enhanced 4-layer GPS and offline maps ensure accurate navigation in deserts, forests, and other no-signal zones.

Image: Visual showing the built-in GPS functionality with offline maps, displaying accurate navigation and route tracking on a screen.

Built-in 5G WIFI

Always-Connected WiFi

Real-Time View

Quick WiFi Setup

Free APP

4X

Download Speed Faster

Ours 5G Wifi

5GHz Wi-Fi 8MB/s

Other 2.4G Wifi Dash Cam

2.4GHz 2MB/s

GET IT ON Google Play

Download on App Store

Image: Diagram illustrating the 5G WiFi connectivity, enabling fast app connection, real-time viewing, and quick setup for managing dash cam footage.

24/7 Parking Monitoring

The 24/7 parking monitoring feature uses time-lapse recording and G-Sensor activation to continuously protect your vehicle when parked. If an impact or theft attempt is detected, the dash cam automatically begins recording and secures the footage. **Note:** A separate hardwiring kit is required for parking mode functionality (ASIN: B0FQ4XLSQF).

24/7

Parking Monitoring

Anti Theft

Collision Detection

Note:

Need Hardwire Kit (not included in the package. ASIN: B0FQ4XLSQF)

Image: A car protected by a hexagonal shield, symbolizing 24-hour parking monitoring with anti-theft and collision detection capabilities.

Premium Aluminum Alloy Housing

The TECXERLLON X4 features a durable aluminum alloy casing, providing shockproof and water-resistant properties. This premium construction offers enhanced resilience and a refined aesthetic.

SETUP & INSTALLATION

Follow these steps for proper installation:

- 1. Prepare the Windshield:** Clean the area on your windshield where the dash cam will be mounted using the provided alcohol cotton and dust-free cloth.
- 2. Attach Static Cling Sticker:** Apply one of the static cling assist stickers to the cleaned area. This helps protect your windshield and makes removal easier.
- 3. Mount the Dash Cam:** Peel off the protective film from the 3M adhesive on the dash cam mount and firmly press it onto the static cling sticker. Hold for 30 seconds to ensure a secure bond.

4. **Connect Power:** Plug the 11.5 ft car charger cable into the dash cam's Type-C port and into your vehicle's 12V cigarette lighter socket. The charger also includes a USB port for additional device charging.
5. **Install Rear Camera:** Connect the rear camera cable to the main unit. Route the cable neatly along the vehicle's headliner and trim using the provided mount tool to tuck the wires. Attach the rear camera to your rear window using its adhesive.
6. **Important Note:** Ensure proper placement of the dash cam and cables to avoid interfering with the normal deployment and function of airbags.



Image: Step-by-step diagram illustrating how to install the front and rear dash cameras, including cable routing and power connection points within a car interior.

OPERATING INSTRUCTIONS

The TECXERLLON X4 is designed for intuitive operation. Once powered on, it will automatically begin recording. Use the buttons on the device or the mobile app for advanced controls.

Basic Operation

- **Power On/Off:** The device powers on automatically with vehicle ignition and powers off shortly after the engine is turned off.
- **Recording:** Recording starts automatically when the device is powered on. A red indicator light or on-screen icon will confirm recording status.
- **Emergency Lock:** Press the dedicated emergency button (or if G-Sensor detects impact) to lock the current recording, preventing it from being overwritten.
- **Menu Navigation:** Use the menu buttons (up/down arrows and OK) to navigate through settings on the device screen.

Using the Mobile App

Download the official TECXERLLON app from the Apple App Store or Google Play Store. Connect to the dash cam via its built-in 5G WiFi for real-time viewing, managing recordings, and adjusting settings.

- **Real-time View:** Stream live footage from both front and rear cameras to your smartphone.
- **File Management:** Browse, download, and delete recorded videos and photos.
- **Settings Adjustment:** Customize video resolution, loop recording duration, G-Sensor sensitivity, parking mode, and more.
- **GPS Data:** View detailed GPS logs including speed, route, and coordinates directly within the app.

Your browser does not support the video tag.

Video: An official TECXERLLON video demonstrating the key features and functionality of the dash cam, including its 4K recording, G-Sensor, GPS, and WiFi capabilities.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your dash cam:

- **Clean Lenses:** Periodically clean the front and rear camera lenses with a soft, lint-free cloth to ensure clear footage.
- **Format SD Card:** Format the 64GB TF card monthly to prevent data corruption and maintain recording efficiency. Back up any important files before formatting.
- **Check Connections:** Ensure all cables and mounts are securely connected and free from damage.
- **Firmware Updates:** Check the TECXERLLON website or app for available firmware updates to improve performance and add new features.

TROUBLESHOOTING

If you encounter any issues, refer to the following common solutions:

Problem	Solution
Dash cam not powering on	Check the car charger connection and ensure the vehicle's 12V socket is active.
Recording stops unexpectedly	Format the SD card. Ensure the SD card is Class 10 or higher. Check for sufficient power supply.
Poor video quality	Clean camera lenses. Adjust video resolution settings in the app. Ensure proper lighting conditions.
WiFi connection issues	Restart the dash cam and your smartphone's WiFi. Ensure you are within 3 meters (10 ft) of the device.
Parking mode not working	Verify that a hardwiring kit is correctly installed and connected. Check parking mode settings in the app.

SPECIFICATIONS

Feature	Detail
Model Name	X4
Product Dimensions	0.98 x 3.35 x 2.17 inches
Item Weight	1.39 pounds
Front Video Resolution	3840x2160P (4K)
Rear Video Resolution	2560x1440P (2K)
Front Field Of View	160 Degrees
Rear Field Of View	150 Degrees
Connectivity Technology	Wi-Fi (5.8GHz)
Special Features	App Control, Built-In GPS, Built-In WiFi, Loop Recording, Night Vision (STARVIS sensor, F1.8 aperture, WDR), G-Sensor, 24H Parking Mode
Included Storage	64GB TF card
Max Storage Support	512GB

Feature	Detail
Mounting Type	Windshield Mount
Color	Gray
Manufacturer	TECXERLLON

WARRANTY AND SUPPORT

TECXERLLON offers a 30-day money-back guarantee for any reason and a 24-month warranty for quality-related issues. For free user technical support, firmware updates, or new release promotions, please visit the official TECXERLLON website or contact customer support.

Technical Services: support@texcerllon.com

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