

## TECXERLLON X6

# TECXERLLON X6 4K Dual Dash Cam User Manual

Model: X6

## 1. INTRODUCTION

Thank you for choosing the TECXERLLON X6 4K Dual Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your device. The X6 dash cam features a 4K front camera and a 2K rear camera, offering comprehensive road coverage. Key functionalities include Advanced Driver Assistance Systems (ADAS), enhanced night vision, Wide Dynamic Range (WDR), GPS logging, app control via 5G WiFi, G-Sensor for emergency recording, and 24-hour parking monitoring.

## 2. PACKAGE CONTENTS

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

- 1 x TECXERLLON X6 Dash Cam (Front Unit)
- 1 x Rear Camera
- 1 x 11.5 ft Car Charger Cable
- 1 x 128GB U3 TF Card
- 2 x Static Cling Assist Stickers
- 1 x Mount Tool
- 2 x 3M Glue
- 1 x User Manual (This Document)
- Dust Free Cloth & Alcohol Cotton

## 3. PRODUCT OVERVIEW

The TECXERLLON X6 is a high-performance dual dash camera system designed to record your journeys with clarity and provide advanced safety features. It includes a main front unit and a separate rear camera for comprehensive coverage.



Image: Overview of the TECXERLLON X6 Dual Dash Cam, showing the front unit, rear camera, and included 128GB microSD card.

## 4. SETUP AND INSTALLATION

### 4.1 MicroSD Card Insertion

1. Ensure the dash cam is powered off.
2. Locate the microSD card slot on the main unit.
3. Insert the provided 128GB U3 microSD card into the slot until it clicks into place. Ensure the card is inserted with the correct orientation.
4. It is recommended to format the microSD card within the dash cam settings periodically to maintain optimal performance.

### 4.2 Dash Cam Installation

Follow these steps for proper installation of the front and rear cameras:

1. **Front Camera Placement:** Choose a location on your windshield, preferably behind the rearview mirror, that does not obstruct your view. Clean the area thoroughly.
2. **Attach Static Cling:** Apply one of the static cling assist stickers to the chosen area on the windshield.

This helps protect your windshield and makes removal easier.

3. **Mount the Front Unit:** Attach the front dash cam unit to the static cling using the provided 3M glue. Press firmly for 30 seconds to ensure a secure bond.
4. **Rear Camera Placement:** Install the rear camera on the inside of your rear windshield, ensuring a clear view of the road behind. Use the second static cling and 3M glue for secure mounting.
5. **Connect Rear Camera:** Connect the rear camera cable to the main front unit. Route the cable neatly along the headliner and A-pillar to avoid interference with driving.
6. **Power Connection:** Connect the 11.5 ft car charger cable to the main unit and plug the other end into your vehicle's 12V power outlet (cigarette lighter socket).
7. **Optional: Link Reverse Lights:** For automatic reverse camera display, connect the red wire from the rear camera cable to your vehicle's reverse light power wire. Professional installation is recommended for this step.



Image: Diagram illustrating the recommended installation method for the front and rear dash cameras, including cable routing and power connection.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Recording

Once powered on, the dash cam will automatically begin recording. The front camera records in 4K resolution, and the rear camera records in 2K resolution. The system supports loop recording, which continuously overwrites the oldest files when the memory card is full, ensuring continuous operation.

### 5.2 Advanced Driver Assistance Systems (ADAS)

The ADAS feature provides real-time alerts to enhance driving safety. This system includes:

- **Forward Collision Warning (FCW):** Alerts you if you are approaching a vehicle too quickly.
- **Pedestrian Collision Warning (PCW):** Warns of potential collisions with pedestrians.
- **Lane Departure Warning (LDW):** Notifies you if the vehicle drifts out of its lane without signaling.
- **Front Moving Vehicle Warning (FMW):** Alerts you when the vehicle in front starts moving after a stop.
- **Headway Monitoring Warning (HMW):** Monitors the distance to the vehicle ahead.

# ADAS SMART DRIVING ASSISTANCE SYSTEM

Real-time vehicle monitoring with smart alerts to prevent hazards before they happen



Image: Visual representation of the ADAS Smart Driving Assistance System, showing warnings for front vehicle distance, vehicle start, too close distance, and lane departure.

Video: Demonstration of the TECXERLLON True 4K Dash Cam's ADAS features, including Forward Collision Warning, Lane Departure Warning, Front Vehicle Start Warning, and Pedestrian Collision Warning.

## 5.3 Enhanced Night Vision

The X6 dash cam features advanced night vision technology, including a Zero-Lux system, to capture clear and detailed footage even in low-light or no-light conditions, improving safety during night-time driving.

# DUAL-CAMERA ZERO-LUX SYSTEM

Captures critical details in total darkness  
for enhanced driving safety



Standard Version

Can't See Anything in Darkness



True Zero-Lux Night Vision

No ambient light needed

Image: Comparison showing the effectiveness of the Dual-Camera Zero-Lux System for night vision, capturing details in total darkness compared to standard cameras.

## 5.4 Wide Dynamic Range (WDR)

The advanced WDR technology intelligently adjusts bright and dark areas of the video, ensuring clearer images in various lighting conditions. This results in sharp and realistic details with less distortion, preventing overexposure in bright areas and underexposure in dark areas.

# SMART WDR AUTO-ADJUSTMENT

Smart light adjustment - no blown out or dark areas



Backlight  
Optimization



Night Vision  
Enhanced



Strong light  
Suppression

## WDR



**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

## 6-LAYER OPTICAL GLASS LENS SYSTEM



**6-Layer**  
HD lens



**True 4K UHD**  
Ultra-clear imaging



**F1.6**  
Large aperture



Image: Illustration of Smart WDR Auto-Adjustment, demonstrating how it optimizes backlight, enhances night vision, and suppresses strong light for balanced video quality.

### 5.5 GPS Functionality

The built-in GPS module provides real-time position logging, recording accurate speed, route, and coordinate data. This information can be viewed alongside your video footage using the companion app or desktop software.

# PRO 4-LAYER GPS CIRCUIT BOARD

More satellites, more accuracy —  
precise navigation even in the wild



Image: Depiction of the Pro 4-Layer GPS Circuit Board and its function in providing precise navigation and real-time GPS position logging, viewable on a phone or laptop.

Video: Overview of the TECXERLLON 4K Dash Cam, highlighting features such as GPS logging, WDR, and night vision capabilities.

## 5.6 App Control & 5G WiFi

Connect your dash cam to the dedicated mobile application via fast 5G WiFi for seamless control and video management. The app allows for smoother playback, quick video downloads, and easy adjustment of settings directly from your smartphone.

# APP & 5G WIFI TRANSMISSION

Enjoy ultra-responsive controls and instant video downloads straight to your phone with the included app.



Image: Illustration of the dash cam's app and 5G WiFi transmission, showing faster download speeds and app interface for video management.

## 5.7 G-Sensor & 24H Parking Mode

The sensitive G-Sensor automatically detects sudden impacts or collisions and triggers emergency recording, locking the footage to prevent it from being overwritten. For 24-hour parking monitoring, the dash cam can continue to record even when your vehicle is parked. Please note that a hardwire kit (sold separately) is required for continuous 24-hour parking mode functionality.

## ENHANCED SAFETY WITH SUPER CAPACITOR

0.1-second ultra-fast collision data preservation



Image: Diagram explaining the G-Sensor's two sensitivity gears (High and Low) for detecting impacts and locking critical video footage during collisions.

### 5.8 One-Touch Screenshot Function

The dash cam includes a one-touch screenshot function, allowing you to instantly capture critical moments and lock important evidence with a single press of a button.



Image: Illustration of the one-touch screenshot function, showing how to capture and lock important evidence instantly during an event.

## 6. MAINTENANCE

- **MicroSD Card Care:** Regularly format the microSD card (at least once a month) through the dash cam's settings to prevent data corruption and ensure smooth recording. Replace the card if it shows signs of wear or error.
- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and the dash cam body. Avoid using abrasive cleaners or solvents that could damage the device.
- **Temperature:** The dash cam is designed to operate within a wide temperature range (-4°F to 167°F). However, prolonged exposure to extreme temperatures can affect its lifespan.
- **Firmware Updates:** Check the official TECXERLLON website or app for any available firmware updates to ensure optimal performance and access to new features.

## 7. TROUBLESHOOTING

If you encounter issues with your TECXERLLON X6 Dash Cam, please refer to the following common problems and solutions:

- **Dash Cam Not Turning On:**

- Ensure the car charger cable is securely connected to both the dash cam and the vehicle's 12V power outlet.
- Check if the vehicle's power outlet is functioning correctly.
- Try a different power source or cable if available.

- **Recording Issues (e.g., stops recording, corrupted files):**

- Format the microSD card within the dash cam's settings.
- Ensure you are using a high-speed (U3 or higher) microSD card.
- The card may be full; loop recording should manage this, but manual formatting can resolve issues.
- Replace the microSD card if the issue persists, as it might be faulty.

- **GPS Not Working/Inaccurate:**

- Ensure the dash cam has a clear view of the sky for satellite reception. Avoid placing it under metallic tints or other obstructions.
- Allow a few minutes for the GPS to acquire a signal after starting the vehicle.

- **App Connectivity Issues:**

- Ensure the dash cam's WiFi is enabled and your phone is connected to its WiFi network.
- Restart both the dash cam and your smartphone.
- Ensure the app is updated to the latest version.

- **Rear Camera Not Displaying:**

- Check the connection of the rear camera cable to the main unit.
- Ensure the rear camera itself is not damaged.

If these steps do not resolve your issue, please contact customer support.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	X6
Front Camera Resolution	4K
Rear Camera Resolution	2K
Front Field of View	170 Degrees
Rear Field of View	150 Degrees
Connectivity Technology	Wi-Fi (5G)

Special Features	ADAS Smart Driving Assist, Built-In GPS, G-Sensor, No-Light Night Vision, WDR
Included MicroSD Card	128GB U3 TF card
Mounting Type	Windshield Mount
Product Dimensions	0.98 x 3.35 x 2.17 inches
Item Weight	1.43 pounds
Operating Temperature	-4°F to 167°F

## 9. WARRANTY AND SUPPORT

TECXERLLON products are designed for quality and reliability. For specific warranty details, please refer to the warranty card included with your product or contact customer support. We offer 30-day free returns for eligible purchases.

For technical assistance, troubleshooting, or any inquiries, please contact our support team:

**Email:** [support@texerllon.com](mailto:support@texerllon.com)