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OMBAR T1

OMBAR T1 4K 3 Channel Dash Cam Instruction Manual

Model: T1

INTRODUCTION

The OMBAR T1 4K 3 Channel Dash Cam is an advanced vehicle recording system designed to enhance driving safety and provide comprehensive surveillance. Equipped with STARVIS 2 IMX678 sensors, it offers superior video quality, including Micro-Light Full-Color Night Vision and 3-Channel HDR imaging. This manual provides detailed instructions for setting up, operating, and maintaining your dash cam.

WHAT'S IN THE BOX

- OMBAR T1 Dash Cam (Front Camera)
- Rear Camera
- GPS Mount
- Rear Camera Cable
- Car Charger Adapter
- Crowbar (for cable tucking)
- 3M Adhesive Stickers (4x)
- Electrostatic Stickers (4x)
- User Manual
- 128GB SD Card (pre-installed or included)

BUILT-IN HIGH-PRECISION GPS

The OMBAR T1 features advanced quad-mode GPS, which is compatible with four satellite positioning systems:

GPS, BeiDou, Galileo, and GLONASS,

enhancing the accuracy and stability of positioning.



You can also download the free OMBAR GPS Player (Windows and Mac compatible) on your computer to view GPS tracks or Google Maps tracks directly.

Image: Contents of the OMBAR T1 Dash Cam package, including the main unit, rear camera, cables, mounts, and accessories.

SETUP AND INSTALLATION

1. Prepare the Windshield

Before mounting, ensure your windshield is clean and dry. Use the provided alcohol prep pads to thoroughly clean the mounting area for optimal adhesion of the electrostatic stickers and adhesive mounts.

2. Install the Front Dash Cam

Attach the GPS mount to the front dash cam. Apply an electrostatic sticker to your windshield, then firmly press the dash cam with its adhesive mount onto the electrostatic sticker. Position it to ensure a clear view of the road without obstructing your driving vision. The camera's angle can be adjusted for optimal recording.

2025 Latest

Full Color Night Vision

With the powerful AI brightening algorithm, the night still maintains clear colors

Other

OMBAR T1

Full Color Night Vision 3.0

Front Camera

4K HDR IMX 678

Rear Camera

HDR IMX307

Image: The OMBAR T1 Dash Cam is shown mounted on the car's windshield, positioned discreetly below the rearview mirror.

3. Install the Rear Camera

Mount the rear camera on your rear windshield using an electrostatic sticker and adhesive. Connect the rear camera to the main dash cam using the provided long cable. Route the cable discreetly along the headliner and A-pillar, using the included crowbar and wire clips to tuck it away.

FRONT-IMX678

4K

CABIN-IMX307

REAR-IMX307

4K+1080P+1080P 3/HDR
3-Channel Recording

OMBAR T1 3CH Dash Cam features advanced triple cameras with the STARVIS 2 sensor, setting a new benchmark in the industry with its unmatched front 4K and built-in 1080P/Rear 1080P recording capabilities. Whether day or night, it delivers exceptional video quality, capturing every detail of your drive.

Image: The compact rear camera is mounted on the interior of the rear windshield, providing a clear view of the vehicle's rear.

4. Power Connection

Connect the car charger adapter to your vehicle's cigarette lighter socket and plug the USB-C cable into the main dash cam. Ensure you use the original car charger and power cable for stable operation. Avoid third-party phone chargers or cords, as they may cause voltage issues.

3X CLEAR

The image shows a side-by-side comparison of a BMW 3 Series (license plate M GO 1051) at night. The left side shows the result from the STARVIS2 camera, which is sharp and clear. The right side shows the result from a standard camera, which is blurry. Below each image is a zoomed-in crop of the license plate. The left crop is sharp, while the right one is blurred.

STARVIS2
SONY IMX678

PlatePix

3 Channel HDR

F1.8

PlatePix 4K HDR Full Color Night Vision

With the powerful combination of PlatePix technology, Hisilicon chip and SONY IMX 678, The clarity of the OMBAR T1 4K front camera in capturing license plate numbers is three times that of other cameras. Moreover, Its HDR performs much better in dealing with car headlights and is at the industry-leading level.

Image: The dash cam is connected to the car's power source via the cigarette lighter adapter, with cables neatly tucked.

The dash cam will automatically power on and begin recording when your vehicle starts. It will stop recording when power is disconnected.

OPERATING INSTRUCTIONS

1. Initial Setup and Settings

Upon first power-on, the dash cam will prompt you for initial setup, including language and time zone. Use the buttons on the device to navigate the menu. The large screen on the back makes menu navigation easy.

Your browser does not support the video tag.

Video: This video demonstrates how to access and adjust settings on the OMBAR T1 Dash Cam's display, including resolution, loop recording, G-sensor, WiFi, and GPS settings.

2. RoadRec App Connection

Download the "RoadRec" app from the App Store (iOS) or Google Play (Android). Enable Wi-Fi on your dash cam and connect your smartphone to the dash cam's Wi-Fi network. The app allows for live view, video playback, file management, emergency lock, and GPS tracking. It also supports OTA firmware updates.



Image: The RoadRec App interface is displayed on a smartphone, showing options for live view, video playback, and settings management.

Your browser does not support the video tag.

Video: A user demonstrates connecting the dash cam to the RoadRec app on a tablet, showing the live view and various app functions.

3. Recording Modes and Features

- **Loop Recording:** The dash cam automatically overwrites the oldest unlocked videos when the SD card is full, ensuring continuous recording.
- **G-Sensor:** Detects sudden impacts or collisions and automatically locks the current video footage to prevent it from being overwritten.
- **Parking Mode:** With the optional OMBAR hardware kit, the dash cam can continuously monitor your vehicle 24/7 for security and theft prevention, even when parked.
- **Full-Color Night Vision:** Utilizes STARVIS 2 IMX678 sensors and advanced AI processing for vivid, true-to-color footage in low-light conditions.
- **Built-in GPS:** Provides real-time route and location tracking, with optional speed stamps embedded in your footage.

24-H Parking Monitor

The industry's new AI color reproduction technology enables full-color night vision and improves nighttime image quality in low-light environments through powerful algorithms

Other: Basic Night Mode

OMBAR T1: Full Color Night Vision Technology



OMBAR Hardwire Kit

ASIN: B0F8MM35KM

**3 channels
Full coverage**

Front



Rear

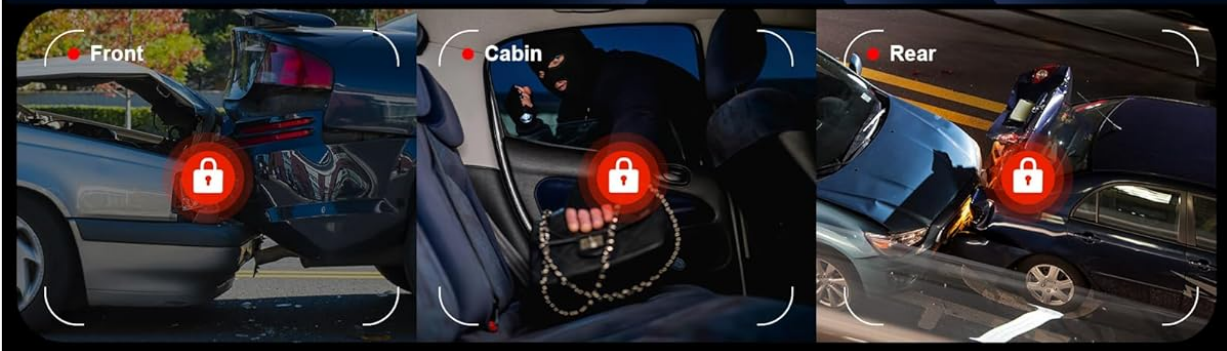


Image: The dash cam's 24-hour parking monitor feature is highlighted, showing how it provides full coverage around the vehicle.

Your browser does not support the video tag.

Video: This video demonstrates the OMBAR T1 Dash Cam's full-color night vision capabilities in various low-light driving scenarios.

MAINTENANCE

- Regularly format the SD card (e.g., every 6 months) to prevent accumulation of false alarm footage and ensure optimal performance.
- Keep the camera lenses clean for clear recording quality.
- Always use the original power accessories to avoid potential voltage issues.

SPECIFICATIONS

Feature	Detail
Model Name	T1
Video Capture Resolution	4K+1080P+1080P@30fps, 5K@25fps
Image Sensor	STARVIS 2 IMX678 (Front), Dual IMX307 (Rear & Cabin)
Night Vision	Micro-Light Full-Color Night Vision
Connectivity	5GHz Wi-Fi, APP (RoadRec)
GPS	Built-in High-Precision Quad-Mode GPS (GPS, BeiDou, Galileo, GLONASS)
Storage	Supports up to 512GB MicroSD Card (128GB included)
Special Features	4K HDR, 3-axis adjustable G-Sensor, OTA Firmware Update, Supercapacitor, Buffered Motion Detection, 24hrs parking mode
Product Dimensions	0.39 x 0.39 x 0.39 inches
Item Weight	1.92 pounds

WARRANTY AND SUPPORT

The OMBAR T1 Dash Cam comes with a standard warranty. For extended warranty options or technical support, please refer to the information provided with your product or contact OMBAR customer service.

For further assistance, please visit the [OMBAR Store on Amazon](#).