OMBAR T2

OMBAR T2 Dash Cam User Manual

Model: T2 | Brand: OMBAR

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your OMBAR T2 Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and safety. Keep this manual for future reference.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- OMBAR T2 Dash Cam (Front Camera) x1
- Rear Camera x1
- GPS Mount x1
- Type-C Cigarette Lighter Power Cable (11.5ft/3.5m) x1
- Rear Camera Cable x1
- 64GB SD Card x1
- Car Wire Trim Tool x1
- 3M Adhesive Stickers x2
- Electrostatic Stickers x2
- Alcohol Prep Pads x2
- User Manual x1

Packing List

OMBAR T2 Dash Cam	**GPS Mount**	**Rear Camera**
Type-C Car Charger Cable	**Wire Wrap Buckle*5**	**64G memory card**
Packing Box	**Warranty card**	**Instructions**
Windshield Static Stickers x2	**Crowbar**	**Alcohol Cotton*2**
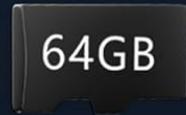
Image: All components included in the OMBAR T2 Dash Cam package, laid out neatly.

Video: An unboxing demonstration of the OMBAR T2 Dash Cam, showcasing the main unit, GPS mount, rear camera, power cable, and various accessories.

PRODUCT OVERVIEW

Front Camera Features:

- **Display:** 3.16-inch IPS Screen for clear viewing.
- **Resolution:** 4K Ultra HD (Front) and 2.5K (Rear) for high-quality video capture.

- **Wide Angle:** 170° front and 150° rear lenses to cover multiple lanes and reduce blind spots.
- **Night Vision & HDR:** F2.0 large aperture and Wide Dynamic Range (WDR) technology ensure clear video in low-light conditions.
- **Connectivity:** Built-in 5G Wi-Fi for fast footage transfer to the RoadRec app.
- **GPS:** Built-in high-precision GPS for tracking speed and location data.
- **Storage:** Supports up to 512GB SD card (64GB card included).
- **Power Source:** Supercapacitor for enhanced durability and temperature resistance.

Main Unit Components:

The front dash cam unit includes the main lens, a 3.16-inch IPS display, control buttons, and ports for power, rear camera, and GPS mount.

Image: The OMBAR T2 Dash Cam main unit with its suction cup mount, the rear camera, and a smartphone displaying the RoadRec app interface.

Image: Visual representation of the 170-degree front camera and 140-degree rear camera coverage, showing a car from front and back perspectives on a road.

Super Night Vision & HDR

OMBAR uses newly developed super night vision technology, which can clearly record images even in low-light environments, providing clear video recordings for your nighttime driving and **24-hour** parking surveillance.

Lighe

HDR

Dark
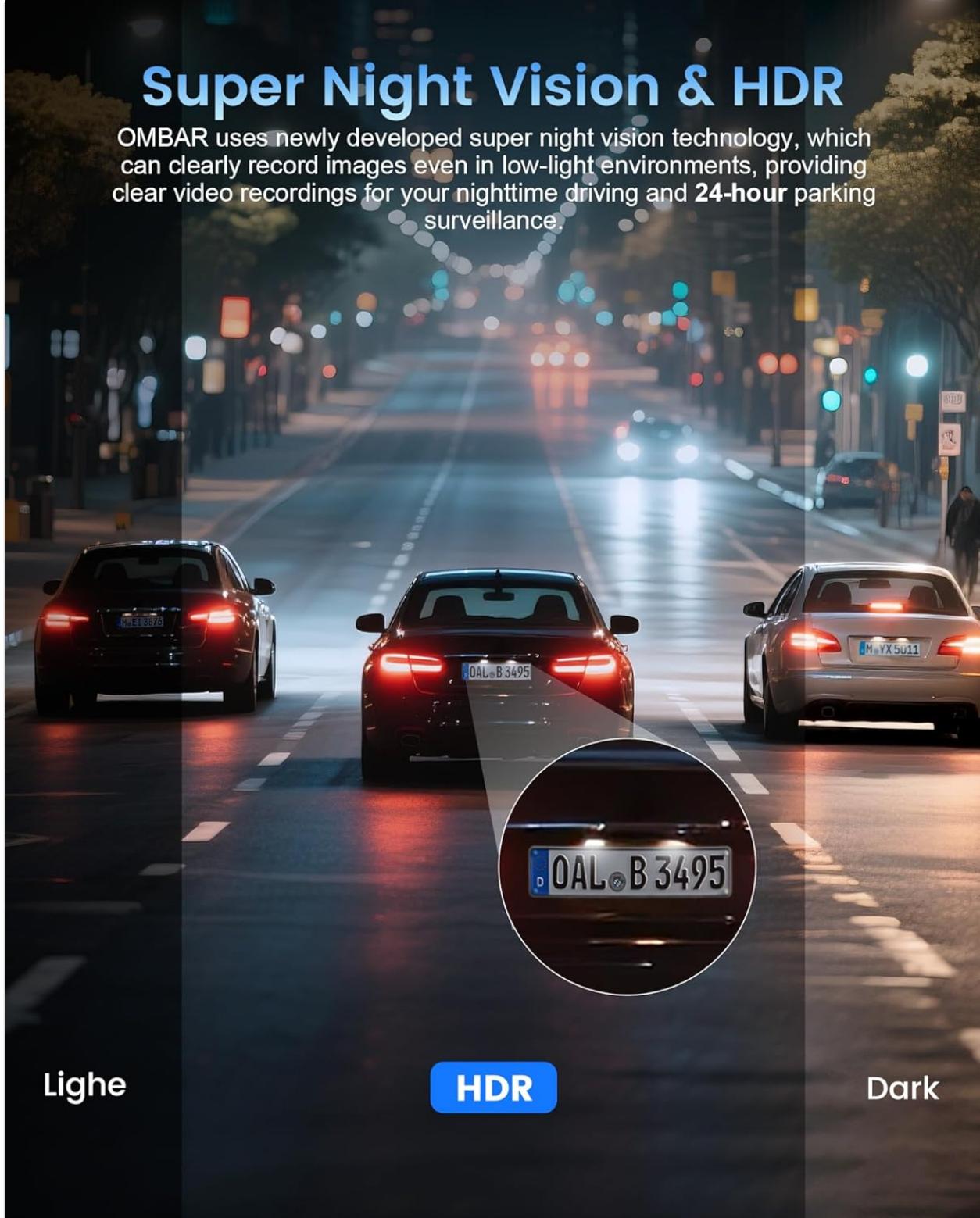
Image: A comparison showing the effectiveness of Super Night Vision and HDR technology in low-light conditions, making license plates and street signs clearer.

Video: A demonstration of the dash cam's button functions, navigating through menus to activate Wi-Fi, and connecting to the RoadRec app on a smartphone.

INSTALLATION GUIDE

1. Prepare for Installation:

- Clean the windshield area where the dash cam will be mounted using an alcohol prep pad. Ensure the

surface is dry before proceeding.

- Apply an electrostatic sticker to the windshield first, then attach the suction cup mount to the sticker. This helps prevent residue on the windshield.

2. Install the Front Dash Cam:

1. Attach the GPS mount to the main dash cam unit.
2. Secure the suction cup mount firmly to the prepared area on your windshield. Ensure it is positioned to provide an unobstructed view of the road.
3. Adjust the angle of the dash cam to capture the desired view.

Image: Close-up view of the drip glue suction cup mount, highlighting its strong and durable attachment to the windshield,

3. Install the Rear Camera:

1. Mount the rear camera on the inside of your rear windshield, typically at the top center, using the provided adhesive sticker.
2. Route the rear camera cable along the headliner and A-pillar, down to the front dash cam unit. Use the included wire trim tool to tuck the cable neatly under the trim.
3. Connect the rear camera cable to the "REAR" port on the main dash cam unit.

4. Power Connection:

1. Plug the Type-C cigarette lighter power cable into your vehicle's 12V power outlet.
2. Connect the Type-C end of the power cable to the "USB" port on the dash cam's GPS mount.
3. Ensure all cables are securely connected and neatly routed to avoid obstructing your view or interfering with vehicle controls.

Correct Mounting Position

AV-IN   TYPE-C

Rear Camera   Car Charger

Rear camera needsto be installed in the car.

Suction cup bracket canbe adjusted angle, removable

Image: Diagram illustrating the correct mounting positions for the front dash cam and rear camera, along with cable routing for power and rear camera connection.

Video: A user demonstrating the physical installation of the dash cam, including attaching the main unit to the GPS mount and connecting the power cable.

Video: A short demonstration of tucking the dash cam's power cable neatly into the car's interior trim using a trim tool.

INITIAL SETUP

1. Insert SD Card:

Insert the provided 64GB SD card into the dash cam's SD card slot. Ensure the card is inserted correctly until it clicks into place. The dash cam supports up to 512GB SD cards.

2. Power On:

Once connected to power, the dash cam will automatically turn on and begin recording. If it does not, press the power button.

3. Format SD Card:

It is recommended to format the SD card within the dash cam's settings before first use and periodically thereafter to ensure optimal performance and prevent data corruption.

1. Press the Menu button to access settings.
2. Navigate to the 'Format' option.
3. Confirm to format the SD card.

BASIC OPERATION

1. Recording Modes:

- **Loop Recording:** The dash cam continuously records video in short segments. When the SD card is full, the oldest unlocked files are overwritten.
- **G-Sensor (Emergency Recording):** In the event of a sudden impact or collision, the built-in G-sensor automatically detects the event and locks the current video segment, preventing it from being overwritten.
- **Parking Monitoring:** With the optional hardwire kit (sold separately), the dash cam can monitor your vehicle 24/7. It will automatically record if motion or impact is detected while parked.
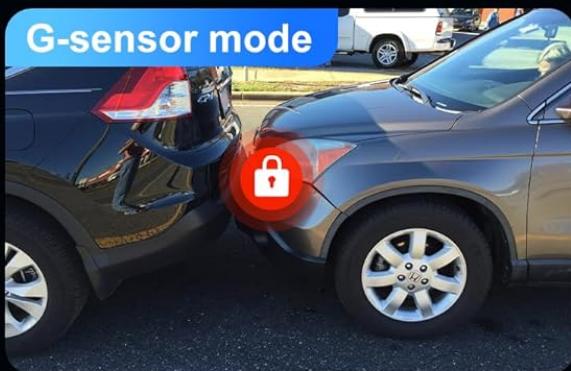
Image: Illustration of the 24-hour parking monitor feature, showing a car being bumped and the G-sensor activating to record the event. It also shows time-lapse parking mode.

Image: Visual explanation of the auto loop recording feature, demonstrating how older, unlocked videos are automatically overwritten to ensure continuous recording.

2. Playback:

Videos can be played back directly on the dash cam's screen or by connecting to the RoadRec app via Wi-Fi.

1. Press the Menu button and navigate to the Playback option.
2. Select 'Front' or 'Rear' to view recordings from the respective cameras.
3. Use the navigation buttons to select and play videos.

WI-FI & APP CONNECTION (ROADREC APP)

The OMBAR T2 Dash Cam features 5G Wi-Fi for quick and easy connection to the RoadRec app on your smartphone (iOS/Android).

1. Download the RoadRec App:

Download the "RoadRec" app from the App Store (iOS) or Google Play Store (Android).
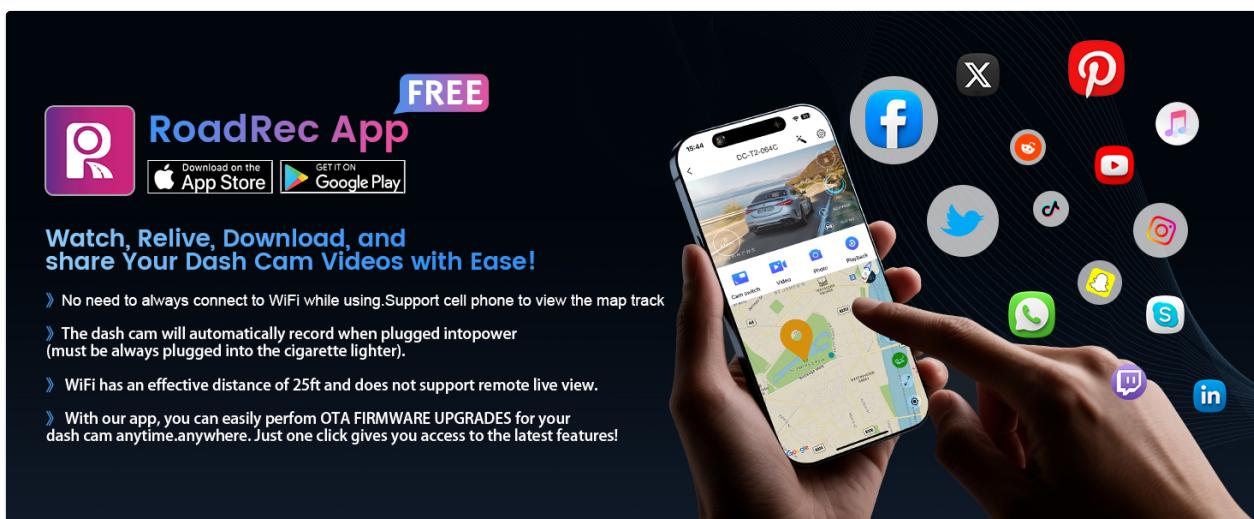
Image: Screenshot showing the RoadRec app icon and download options from Google Play and App Store, with a smartphone displaying the app interface.

2. Connect via Wi-Fi:

1. On the dash cam, navigate to the Wi-Fi settings and enable 5G Wi-Fi. The SSID (e.g., DC-T2-YKGA) and password (e.g., 12345678) will be displayed.

2. On your smartphone, go to Wi-Fi settings and connect to the dash cam's Wi-Fi network using the provided SSID and password.

3. Open the RoadRec app. The app will automatically connect to the dash cam, allowing you to view live footage, download videos, and adjust settings.

Image: A smartphone connected to the dash cam via 5G Wi-Fi, showing the RoadRec app interface for real-time video viewing and faster downloading.

GPS FUNCTIONALITY

The built-in high-precision GPS module records your driving route, speed, and location data. This information can be viewed through the RoadRec app or a dedicated GPS player on your computer.

- The OMBAR T2 supports quad-mode GPS, compatible with GPS, BeiDou, Galileo, and GLONASS systems for enhanced accuracy.
- Download the free OMBAR GPS Player (Windows and Mac compatible) from the official website to view GPS tracks on a map.

Image: A dash cam with GPS functionality, showing a map on a smartphone with a highlighted driving route and location pins, indicating high-precision GPS tracking.

MAINTENANCE

- **Clean the Lens:** Regularly clean the front and rear camera lenses with a soft, lint-free cloth to ensure clear video quality.
- **Format SD Card:** Format the SD card monthly to maintain optimal recording performance and extend its lifespan.
- **Firmware Updates:** Check the official OMBAR website or the RoadRec app for available firmware updates to ensure your dash cam has the latest features and improvements.
- **Temperature:** The supercapacitor design allows the dash cam to operate in extreme temperatures (-4°F to 158°F). However, avoid prolonged exposure to direct sunlight when parked to prevent overheating.

Image: A visual representation of the dash cam's supercapacitor, highlighting its ability to withstand extreme temperatures from hot deserts (158°F) to cold snowy environments (-4°F).

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; loose connection.	Check power cable connection; ensure vehicle's 12V outlet is working.
Video footage is blurry or unclear.	Protective film on lens; dirty lens; incorrect focus.	Remove protective film; clean lenses; ensure lens is not obstructed.
Wi-Fi connection issues.	Incorrect password; distance from dash cam; app issues.	Verify Wi-Fi password; ensure phone is close to dash cam; restart app and dash cam.
SD card error.	Card not formatted; faulty card; incompatible card.	Format SD card in dash cam; try a different high-speed (Class 10 or U3) SD card.
Parking mode not working.	No hardwire kit; incorrect settings.	Ensure hardwire kit is installed correctly; check parking mode settings in the menu.

SPECIFICATIONS

- **Model Name:** OMBAR T2

- **Video Capture Resolution:** 4K Front, 2.5K Rear
- **Field Of View:** 170 Degrees (Front), 150 Degrees (Rear)
- **Screen Size:** 3.16 inches IPS
- **Connectivity Technology:** 5G Wi-Fi, APP, GPS
- **Special Features:** HDR, Night Vision, G-Sensor, Loop Recording, 24H Parking Mode, Supercapacitor
- **Storage:** Supports up to 512GB Micro SD Card (64GB included)
- **Mounting Type:** Windshield Mount (Drip Glue Suction Cup)
- **Power Source:** Type-C Car Charger Adapter
- **Operating Temperature:** -4°F to 158°F (-20°C to 70°C)
- **Product Dimensions:** 1 x 1 x 1 inches (Approximate)
- **Item Weight:** 1.3 pounds

WARRANTY & SUPPORT

OMBAR offers a 5-year free warranty for the T2 Dash Cam. To activate your warranty, register your product within 30 days of receiving it. Scan the QR code on the included warranty card or visit the official OMBAR website for registration and after-sales service.

For further assistance, please refer to the contact information provided in your user manual or on the official OMBAR website.

Related Documents - T2

	[OMBAR DC100 Dash Cam User Manual](#) Comprehensive user manual for the OMBAR DC100 dash cam, covering setup, features, operation, and troubleshooting. Learn how to install, connect to your smartphone, and utilize all functions for optimal driving safety and recording.
	[OMBAR T2 4K Dash Cam User Manual: Installation, Features, and Operation Guide](#) This comprehensive user manual for the OMBAR T2 4K Dash Cam provides detailed instructions on installation, setup, features like 4K recording, night vision, GPS, Wi-Fi connectivity, parking modes, and troubleshooting. Learn how to optimize your driving experience with this advanced vehicle recorder.
	[Ombar Hardwire Kit Owner's Manual - Installation and Features](#) Comprehensive owner's manual for the Ombar Hardwire Kit, detailing its features, voltage adjustment capabilities, low voltage protection, and step-by-step installation guide for vehicle dashcams.

	OMBAR DC100 Dash Cam User Manual Comprehensive user manual for the OMBAR DC100 dash cam, covering setup, features, operation, and troubleshooting. Learn how to install, connect to your smartphone, and utilize all functions for optimal driving safety and recording.
	OMBAR T2 4K Dash Cam User Manual: Installation, Features, and Operation Guide This comprehensive user manual for the OMBAR T2 4K Dash Cam provides detailed instructions on installation, setup, features like 4K recording, night vision, GPS, Wi-Fi connectivity, parking modes, and troubleshooting. Learn how to optimize your driving experience with this advanced vehicle recorder.
	Ombar Hardwire Kit Owner's Manual - Installation and Features Comprehensive owner's manual for the Ombar Hardwire Kit, detailing its features, voltage adjustment capabilities, low voltage protection, and step-by-step installation guide for vehicle dashcams.