LE500 Dash Cam User Manual



Version 2.1

LE500 Dash Cam English Manual

Thank you for purchasing the LE500 Dash Cam. This manual explains how to use the device properly and provides detailed information on operation, precautions, and technical specifications. Please read this manual carefully before use.

Disclaimer

1. The LE500 Dash Cam is provided as is. Recorded videos are for reference only; official determinations are subject to police investigation and applicable authorities.
2. The Company shall not be held legally liable for any explosion, combustion, or similar incidents unless such events are directly caused by defects inherent to the product itself.
3. To ensure the integrity and reliability of video recordings, users are advised to use memory cards that meet the specified requirements or are approved by the Company. The Company shall not be liable for any loss, damage, or personal injury resulting from missing recordings due to memory card malfunction, damage, or write errors.
   (It is recommended to format the memory card at least once per month.)
4. If any product components are discontinued and no longer available for supply, the Company reserves the right to terminate maintenance and repair services for the affected product.
5. Users are strongly advised to back up all important data or programs stored on the memory card before routine use or prior to sending the product for repair. The Company shall not be responsible for any loss or damage resulting from data loss during product use or the repair process.
6. The Company reserves the right to revise this manual at any time without prior notice. The latest version is available on our website:
   https://www.lookingtaiwan.com/download

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate

the equipment. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from the one to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment should be installed and operated with a minimum distance 20cm between the device and your body.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Precautions

1. Keep this product away from alcohol, grease, and other chemicals to avoid damaging the device housing.
2. The rear lens is rated IP68 waterproof. However, avoid spraying it directly with high-pressure water.
3. When using a memory card for the first time, it must be formatted through the device

to ensure the integrity of recorded video files.

4. Always insert or remove the memory card only when the device is powered off to prevent damage to the card or the product.
5. It is recommended to format the memory card once a month to optimize storage performance.
6. Please use a memory card with a minimum writing speed of 30MB/s or higher.
7. All memory cards have a limited lifespan (based on read/write cycles). After prolonged use, performance may degrade, resulting in file reading/writing errors. If such issues occur, we recommend purchasing a new memory card.

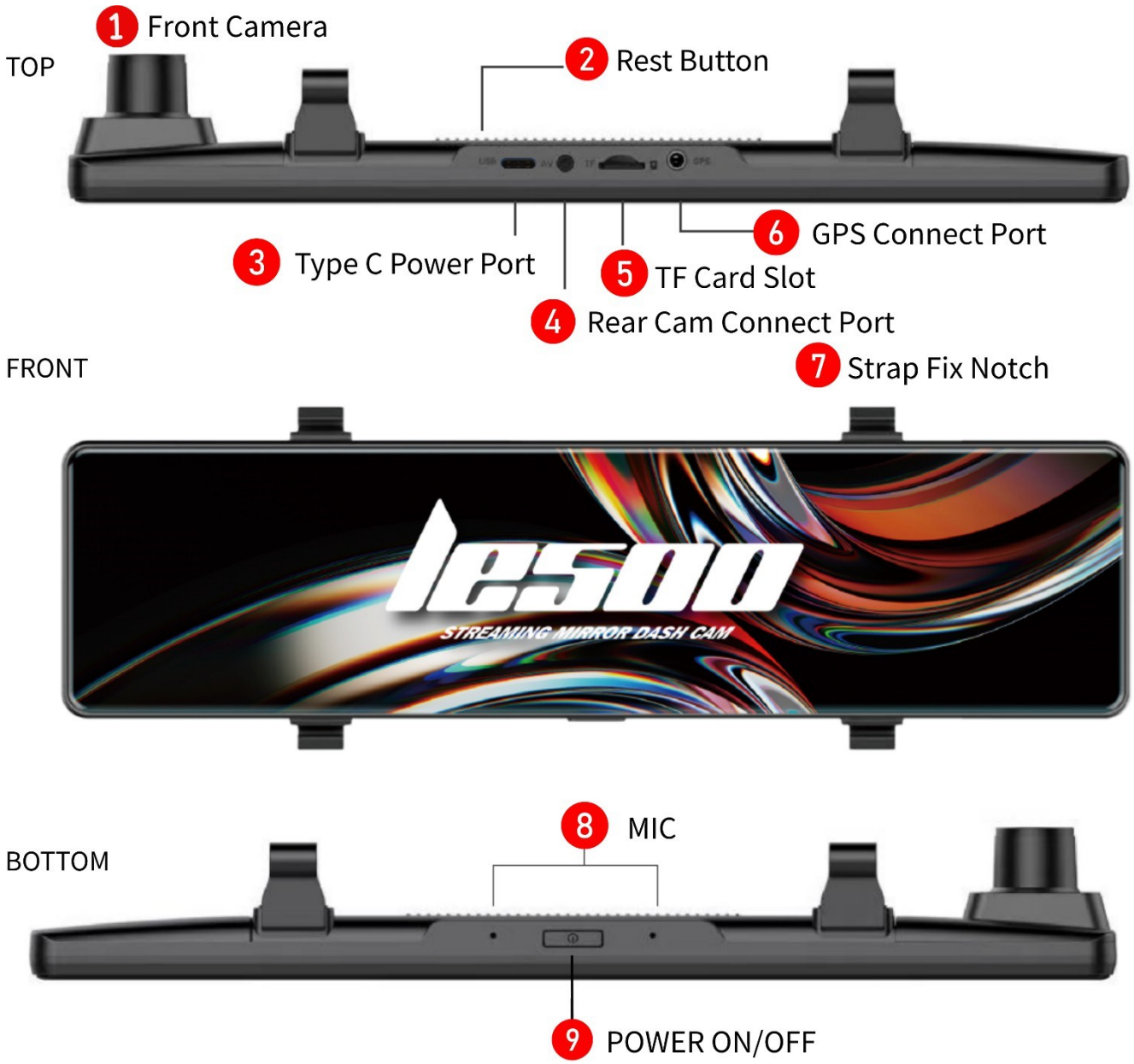
Warranty Policy

1. The main unit is covered by a 2-year warranty.
2. Other accessories and consumables are covered by a 3-month warranty.
3. **Damage caused by human factors, improper use, or installation errors is not covered under the warranty or after-sales service.**
4. The warranty period starts from the date of purchase.

Product Features

1. Exclusive Anti-Overexposure HDR glass lens.
2. Front Camera with 4K UHD SONY Starvis Night Vision Sensor.
3. Rear Camera with 2K QHD SONY Starvis 2.0 Night Vision Sensor.
4. IP68-rated Waterproof rear camera.
5. High-Performance Chipset.
6. FMP4 Technology - Real-Time file Writing.
7. Adjustable EV Setting.
8. Wi-Fi control.
9. APP pairing and OTA updates.
10. G-Sensor - Collision Detection.
11. 12” IPS Touchscreen.
12. Standard equipped with GPS module for recoding routes and vehicle speed.
13. Battery Capacity - Supercapacitor.

Product Outline



Button Operation

POWER Button

Function A: Press and hold for 3 seconds to power the device ON or OFF.

Function B: Short press to turn the display ON or OFF. Recording continues whether the display is on or off.

Recording function works no matter display ON or OFF.

- Recording function works no matter display ON or OFF.
- Touch screen to turn ON the display.

UI Operation



1 RECORDING LIGHT ○ PAUSED ● RECORDING ● LOCKING FILE

2 RECORDING DURATION

3 SYSTEM TIME AND DATE SETTING

MENU
SETTINGS

LOCK FILE
LOCK CURRENT FILE

PHOTO
TAKE CURRENT PHOTO

Wi-Fi
ON / OFF

RECORDING
START / PAUSE

SCREEN SWITCH
Front view / Rear view /PIP
(Touchscreen to adjust angle)

MIC
ON / OFF

SPEAKER
ON/OFF broadcast

FILE REPLAY
VIEW / DELETE FILE

Symbol Explanation

1. Screen display — R Rear view — F Front view
2. Memory Card — With Card — Without Card or Error
3. G-Sensor — ON — OFF
4. MIC — ON — OFF
5. GPS — ON — OFF — Data OK but no Positioning
6. SPEAKER — ON — OFF
7. Wi-Fi — ON — OFF
8. Parking Monitor (Optional) — ON Collision Detection Mode — ON Time-lapse photography Mode — OFF

Playback Instruction



1. BACK ▶ Back to previous page
2. FILE ▶ Loop videos
3. LOCKED FILE ▶ Collision auto-locked videos
4. PARKING MONITOR FILE ▶ Parking monitor videos
5. PHOTO ▶ Photos
6. EDIT ▶ Click to select file for deleting
7. FILE LIST ▶ Choose file to view full-screen display
8. HOME ▶ Back to Home page

Menu Settings

From Top to Bottom

Item	Description
GPS	ON / OFF
Format	Check status of card / Format card (All files will be deleted)
Screensaver	OFF / 30 sec. / 1 min / 3 mins
Loop recording	1 min / 2 mins / 3 mins per file
Date watermark	ON / OFF
MIC	ON / OFF
Light Frequency	50 / 60 Hz
Screen Brightness	Auto / Daytime / Nighttime
Volume	OFF / Low / Medium / High (Voice prompt volume)
Languages	Traditional Chinese / Simplified Chinese / English / Spanish
EV Setting	0 / ±0.3 / ±0.7 / ±1.0 / ±1.3 / ±1.7 / ±2.0 (Separate adjust for F & R)
Mirror	Front & Rear Camera Mirror / Normal Image Settings
G-Sensor Detect	OFF / Low / Medium / High
Resolution	Front FHD fps30 / FHD 60fps / 2K 30fps
	Rear FHD 30fps
Time Zone	GMT Setting
GPS status display	ON / OFF
Time display	ON / OFF
Date / Time	Set 12-hour or 24-hour clock.
Factory Reset	Restore system settings.
System Version	Check firmware version and GPS map version.
Parking Monitor	Set collision detection and time-lapse recording.

Function Instruction

1. **Loop Recording**
   When the memory card is full, the device automatically overwrites the oldest unlocked files. Loop recording can be set to 1 min, 2 min, or 3 min (default).
   *Locked files won't be covered while loop recording.

2. **Reverse Assist**
   When the gear is shifted to Reverse (R), the screen will automatically display the rear-view image. After shifting to another gear, the system will automatically return to recording mode.
   *Swipe up or down on the screen to adjust the display viewing angle.

3. **G-Sensor Impact Detection**
   When the device detects a collision or strong impact, the current video file will be automatically locked. At the same time, the recording indicator in the upper-left corner of the screen will turn orange. Locked files will not be overwritten by the loop recording function.
   * Sensitivity can be adjusted according to user preference.

4. **Speed and Route Recording (GPS Required)**
   When GPS is enabled, driving speed and route data are recorded. Speed is displayed in the video, and route and speed information can be viewed in the LOOKING CAM App.

5. **Parking Monitor (Optional Parking Surveillance Power Cable Required)**
   After the engine is turned off, the screen powers off and the device automatically enters Parking Surveillance mode. When the engine is restarted, the screen turns on, the device exits Parking Surveillance mode, and recording begins automatically.
   *You may select Impact Detection (recording starts when vibration is detected) or Time-Lapse Recording (recording frame rate and duration can be configured).

Product Specification

Resolution	Front UHD 4K 3840 x 2160 Rear QHD 2K 2560 x 1440
Viewing Field	150° for Front and Rear
Screen	12” IPS Touchscreen
Photo Format	JPEG
Video Format	FMP4 (Real-Time Writing) H.264
Memory Card	Max. 128G (Writing speed 30MB/ above)
Power Supply	DC 5V / 2.5A
Battery Capacity	Supercapacitor
Working Environment	-10℃ ~ 35℃ /14F ~ 95F
Size	W274.8 * H72.6 * D19.3 mm
Weight	384g/0.84657lb

Packing Accessories



Front



Back





Main Unit x1

Rear Camera Set x1



Parking Surveillance Power Cable x1



GPS Module (Without speed detection alert) x1



Cleaning Cloth x1



Strap x2



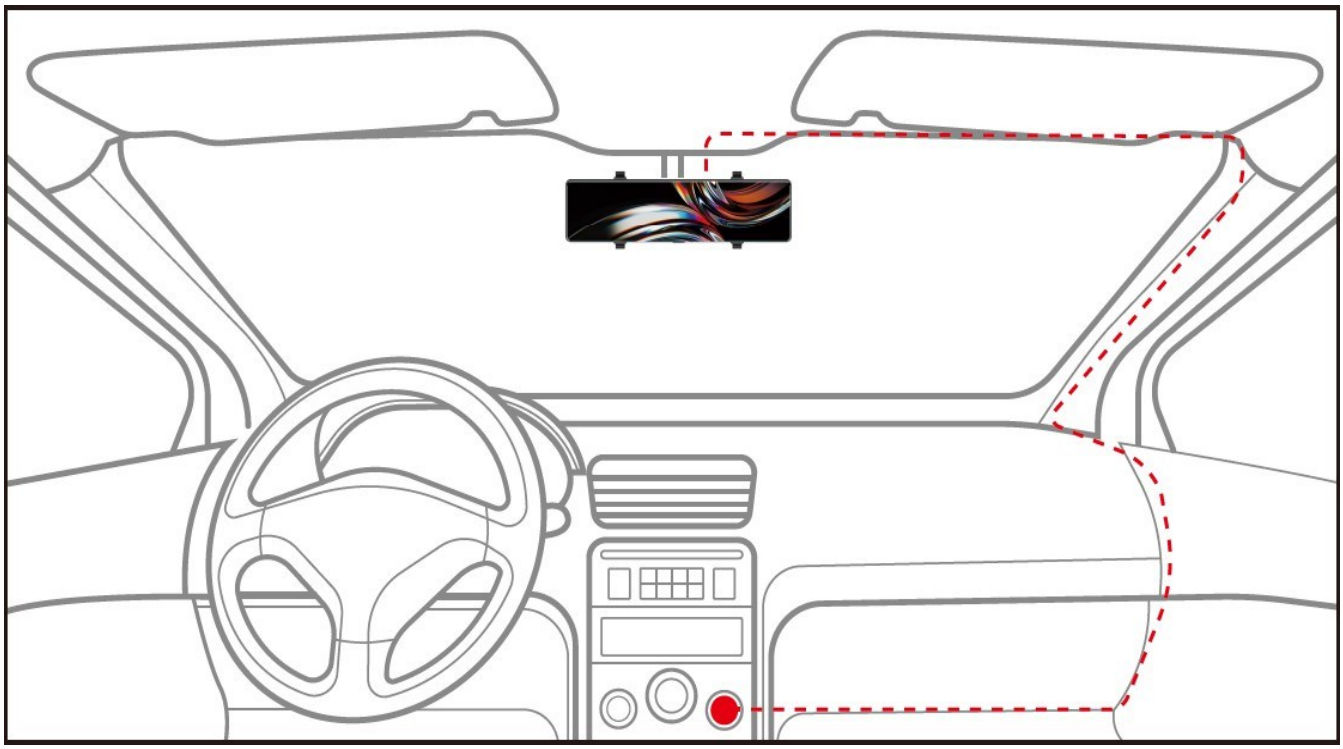
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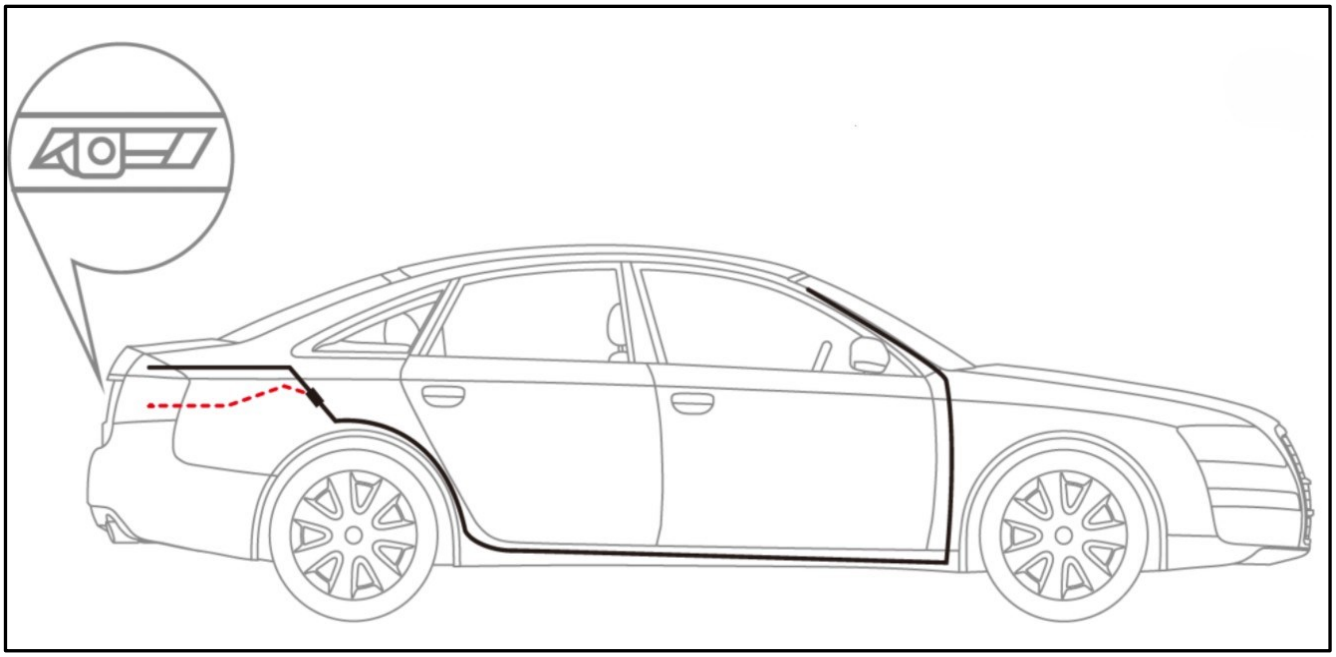


Warranty Card x1

Installation Instruction







1. **Before Installation**
   - Turn off the vehicle engine before connecting the dash cam.
   - Insert a high-speed microSD/TF card into the device.

2. **Installation Steps**
   - Route the power cable along the red line shown in the diagram. Connect the main unit to the car charger port.
   - Route the rear camera cable as indicated. We recommend installing the rear camera above the license plate, next to the license plate light. Connect the red wire to the positive wire of the reverse light, adjust the rear camera to the proper field of view, and confirm that the reverse assist function works properly.

3. **Power Options**

Option	Description
Vehicle power adapter	Connect the 12V-24V car charger to the vehicle power outlet.
Hardwire kit (optional)	Connect to the vehicle fuse box using B+, ACC, and GND connections. Recommended for parking monitoring and time-lapse recording. Professional installation is recommended.

4. **Installation Notice:**
   - Once installation is complete, start the vehicle and power on the device. The device will begin recording automatically.
   - When the vehicle is turned off, the device will power off after the current file is saved. Recordings are stored in segments on the memory card and will automatically overwrite the oldest unlocked files when the card is full.

Note: Use only the supplied charger. Do not connect or disconnect wiring while driving.

Wi-Fi APP

Please scan the QR code below to download the app, or search for LOOKING CAM on Google Play or the App Store.

iOS

Android



1. Scan the QR code to download the **LOOKING CAM** App.
2. Wi-Fi default setting is OFF, needs to be turned on manually.
3. Connect to: LE500_XXXXXX. The WIFI name and password will show on the display. Password: 12345678
4. After the device is connected, you can use the APP for viewing & downloading videos.

Problem Shooting

1. No power: Check whether the power cable is connected to the correct power port, or reconnect the power cable.
2. No rear view displayed: Reconnect the rear camera cable and make sure the AV port is connected correctly.
3. Cannot record: Check whether the SD card has enough available space.
4. Recording stops while driving: (1) Check whether the SD card supports a write speed of 30 MB/s or higher. This device requires a high-speed memory card. (2) Check whether loop recording is enabled.
5. “Wrong file” or “damaged file” appears: Check the SD card and format it using the device, not a PC. If the SD card is faulty, files may not be saved properly.
6. Blurry image: Check and clean the camera lens.
7. Shaky image: (1) Make sure the camera bracket is securely tightened. (2) Check the installation position. If the device is too close to the ignition coil or spark plug, signal interference may occur.

If you need any further assistance, please email to “sales-dept@lookingtaiwan.com”

THANK YOU!

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