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› [ThiEYE](#) /

› [ThiEYE Dash Cam Front and Rear Car Camera Dual Dashcam 1080P FHD 3" IPS Screen with 170°Wide Angle, Loop Recording, WDR,Night Vision, G-Sensor User Manual](#)

## ThiEYE Carbox 6

# ThiEYE Dash Cam Front and Rear Car Camera

MODEL: CARBOX 6 USER MANUAL

## Product Overview

The ThiEYE Carbox 6 is a high-definition dual dash camera system designed to record both the front and rear views of your vehicle. Featuring a 1080P Full HD front camera and a 720P waterproof rear camera, it provides comprehensive coverage for enhanced driving safety and incident recording. Its compact design and advanced features make it an essential accessory for any vehicle.



Image: ThiEYE Carbox 6 Dash Cam with its front camera unit and a smaller, waterproof rear camera.

### Key Features:

- **Dual Camera Recording:** 1080P Full HD front and 720P rear cameras for simultaneous recording.
- **3-inch IPS Screen:** Clear display for real-time viewing and playback.
- **170° Wide Angle Lens:** Captures a broad view of the road ahead, minimizing blind spots.
- **G-Sensor & Emergency Lock:** Automatically detects collisions and locks footage to prevent overwriting.
- **Loop Recording:** Continuously records by overwriting the oldest unlocked files.
- **WDR/HDR Technology:** Enhances video clarity in varying light conditions, including low light and strong glare.
- **Parking Monitoring:** Provides surveillance when the vehicle is parked (requires hardwiring or external power).



Image: Visual representation of the dash cam's key features, including video resolution, HDR, wide-angle view, G-sensor, screen size, loop recording, and parking monitor.

## What's in the Box

Before you begin, please ensure all components are present:

# 24/7 PARKING MONITORING



**Note:** Must be hardwired or connect to external battery.

**Collision Detection:** Auto on and record as EMER video once detect shake and collision.

Image: All items included in the ThiEYE Carbox 6 Dash Cam package, neatly laid out.

- ThiEYE Carbox 6 Dash Cam (Front Unit)
- Suction Cup Mount
- 3.5M Car Charger
- Plastic Crowbar (for cable routing)
- User Manual
- Rear Camera
- 6M Rear Camera Cable
- 3M Glue for Rear Camera

- Rear Camera Screws
- Memory Card (included as per specifications)

## Setup Guide

### 1. Insert Memory Card:

Before mounting, insert a Class 10 or higher MicroSD card (up to 64GB recommended) into the dash cam's memory card slot. Ensure the card is inserted correctly until it clicks into place.

### 2. Mount the Front Dash Cam:

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction cup mount to the dash cam.
3. Press the suction cup firmly against the windshield, ideally behind the rearview mirror, and lock the lever to secure it. Ensure the camera has a clear view of the road.

### 3. Install the Rear Camera:

1. Identify a suitable location on your rear windshield for the rear camera. Clean the surface thoroughly.
2. Use the provided 3M glue or screws to securely attach the rear camera.
3. Connect the rear camera to the main dash cam unit using the 6M rear camera cable.
4. Route the cable neatly along the vehicle's interior trim using the plastic crowbar to tuck it away.

Front 1080P



Rear 720P



Image: Illustrates the difference in resolution between the front (1080P) and rear (720P) camera views.

#### 4. Power Connection:

1. Plug the 3.5M car charger into your vehicle's cigarette lighter socket.
2. Connect the other end of the charger cable to the dash cam's power input port.
3. Route the power cable neatly to avoid obstructing your view or driving controls.

The dash cam will typically power on automatically when the vehicle's ignition is turned on and begin recording.

## Operating Instructions

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### Power On/Off:

The dash cam will automatically power on and off with your vehicle's ignition. To manually power on/off, press and hold the power button.

### Recording Modes:

- **Normal Recording:** The camera starts recording automatically when powered on.
- **Loop Recording:** Videos are recorded in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked files are overwritten.
- **G-Sensor (Emergency Lock):** In the event of a sudden impact or collision, the built-in G-sensor will automatically detect the event and lock the current video segment, preventing it from being overwritten by loop recording. These files are stored in a separate folder.

# G-Sensor



# Loop Recording



Image: Depicts the G-Sensor emergency lock feature and the continuous nature of loop recording.

## Parking Monitoring:

When enabled, the dash cam can monitor your vehicle while parked. If a vibration or collision is detected, the camera will automatically power on and record a short video. For continuous 24/7 parking monitoring, the dash cam must be hardwired or connected to an external power source.

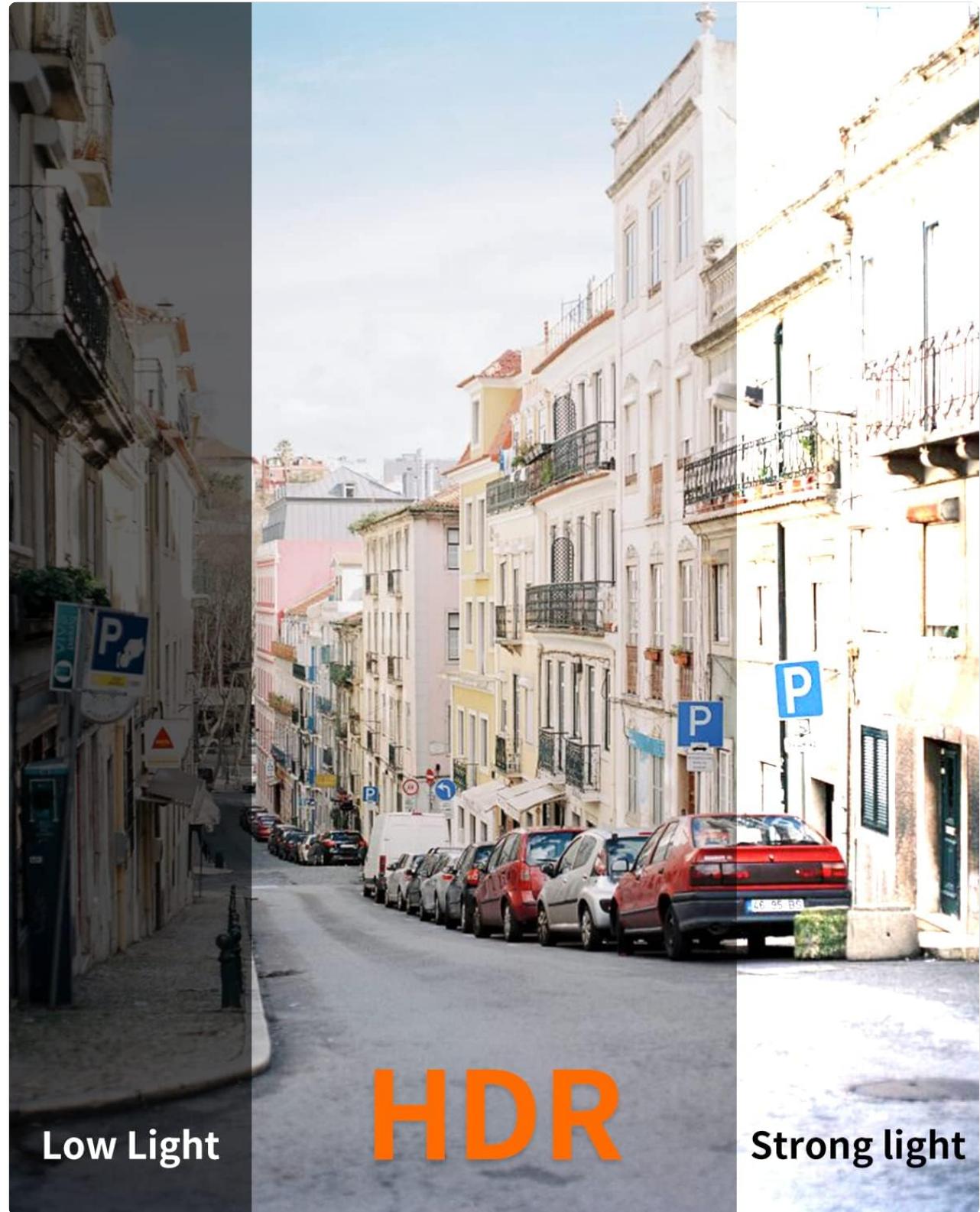


Image: Illustrates the 24/7 parking monitoring capability of the dash cam, highlighting its continuous surveillance.

#### **Wide Dynamic Range (WDR)/High Dynamic Range (HDR):**

This technology ensures optimal video quality in challenging lighting conditions, such as strong sunlight or low-light environments, by balancing exposure across the frame.



**Dash cam**



**Suction Cup Mount**



**3.5M Car Charger**



**Plastic Crowbar**



**User Manual**



**Rear Camera**



**6M Rear Camera Cable**



**3M Glue for Rear Camera**



**Rear Camera Screw**

Image: Shows how HDR technology improves video clarity by balancing exposure in both low light and strong light scenarios.

### Menu Navigation:

Use the buttons on the side of the dash cam to navigate through the menu options. You can adjust settings such as video resolution, loop recording duration, G-sensor sensitivity, date/time, and more.

### Maintenance

- Cleaning:** Use a soft, dry cloth to clean the camera lens and screen. Avoid using abrasive cleaners or

solvents.

- **Memory Card:** Regularly format your MicroSD card (at least once a month) within the dash cam's settings to ensure optimal performance and prevent data corruption. Back up any important footage before formatting.
- **Firmware Updates:** Check the official ThiEYE website for any available firmware updates to ensure your dash cam has the latest features and bug fixes.

## Troubleshooting

### Camera not powering on:

Ensure the car charger is securely plugged into both the dash cam and the vehicle's cigarette lighter. Check if the vehicle's power outlet is functioning. The dash cam requires continuous power from the car's ignition.

### Recording stops or freezes:

Format the MicroSD card. Ensure you are using a high-speed (Class 10 or U1/U3) MicroSD card from a reputable brand. A faulty or slow card can cause recording issues. Replace the card if problems persist.

### Screen display is grainy or distorted:

This could indicate a faulty unit or a software issue. Try resetting the device to factory settings via the menu. If the problem persists, contact customer support.

### Video quality is poor:

Ensure the protective film has been removed from the lens. Clean the lens regularly. Check the video resolution settings in the menu to ensure it's set to 1080P for the front camera and 720P for the rear. Ensure the windshield is clean.

### G-Sensor is too sensitive/not sensitive enough:

Adjust the G-sensor sensitivity setting in the dash cam's menu. Lower sensitivity will reduce false triggers, while higher sensitivity will detect lighter impacts.

## Specifications

Feature	Detail
Product Dimensions	3.5 x 1.89 x 1.77 inches
Item Weight	10.6 ounces
Model Number	Carbox 6
Front Video Capture Resolution	1080p Full HD
Rear Video Capture Resolution	720p
Field of View	170 Degrees (Front)
Screen Size	3-inch IPS
Connectivity Technology	USB
Mounting Type	Suction Mount

Battery	1 Lithium Ion battery (included)
Color	Black

## Warranty and Support

ThiEYE offers a **12-month warranty** for the Carbox 6 Dash Cam, covering manufacturing defects from the date of purchase. Additionally, a **30-day return policy** is available.

For any inquiries, technical assistance, or warranty claims, please contact ThiEYE customer support. They provide **24/7 online service** to assist you.

For more information and video tutorials, you may visit the official ThiEYE website or the product support page:

- Official ThiEYE Website: [www.thieye.com](http://www.thieye.com)
- Carbox 6 How-To Video: [thieye.com/pages/carbox-6-how-to-video](http://thieye.com/pages/carbox-6-how-to-video)

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