



Manuals.plus /

› ThiEYE /

› ThiEYE Carview 3 Mirror Dash Camera User Manual

ThiEYE UYH3

ThiEYE Carview 3 Mirror Dash Camera User Manual

Model: UYH3 | Brand: ThiEYE

1. INTRODUCTION

The ThiEYE Carview 3 Mirror Dash Camera is an advanced vehicle recording system designed to enhance driving safety and provide comprehensive video evidence. Featuring a 10-inch IPS touchscreen, 2.5K front camera, and 1080P rear camera, it offers clear, wide-angle views of your surroundings. This manual provides detailed instructions for the proper installation, operation, and maintenance of your device.

2. PACKAGE CONTENTS

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

- ThiEYE Carview 3 Mirror Dash Camera (Main Unit)
- Waterproof Rear Camera
- 8-meter Rear Camera Cable
- 0.2-meter Rear Camera Cable (for interior use)
- 32GB Micro SD Card
- Car Charger with extra USB port
- 2 x Long Mounting Straps
- 2 x Short Mounting Straps
- Card Reader
- Pry Tool
- User Manual
- 3M Tape & Screws (for rear camera mounting)



Image: All components included in the ThiEYE Carview 3 package, including the main mirror dash cam unit, rear camera, cables, mounting straps, and accessories.

3. PRODUCT OVERVIEW

The ThiEYE Carview 3 integrates a high-resolution camera and a large touchscreen display into a rearview mirror form factor. It features a front-facing camera on the right side, optimized for right-hand drive vehicles, and supports an external rear camera for comprehensive coverage.



Image: The main ThiEYE Carview 3 mirror dash camera unit, showcasing its sleek design, integrated front camera, and large display area.

4. SETUP AND INSTALLATION

4.1 Installing the Main Unit

1. Attach the main unit to your vehicle's existing rearview mirror using the provided mounting straps. Ensure it is securely fastened and does not obstruct your view.
2. Adjust the angle of the front camera to ensure it captures the road ahead clearly.

4.2 Installing the Rear Camera

The rear camera offers two installation options:

- **Option A: Interior Cabin Recording**
Use the 0.2-meter rear camera cable. Mount the rear camera on the front windshield to record the interior of the car. This is useful for taxi or ride-share drivers.
- **Option B: Exterior Rear Recording**
Use the 8-meter rear camera cable. Mount the rear camera on the rear windshield or near the license plate to record the view behind your vehicle. This provides a full range of rear views and aids in parking.



One Rear Camera, Two Way to Use

We provide an 8-meter cable and a 0.2-meter cable for rear camera, so rear camera can also be an inside camera according to your different installation.

Rear

OR

Cabin



Image: Illustration showing the two ways to install the rear camera: either facing the rear of the vehicle for external recording or facing the cabin for interior recording.

Route the rear camera cable discreetly using the provided pry tool to tuck it under vehicle trim. Connect the rear camera cable to the main unit.

4.3 Power Connection

1. Insert the provided car charger into your vehicle's 12V power outlet (cigarette lighter socket).
2. Connect the car charger's USB cable to the main unit's power input. The device requires 5V/3A power for optimal performance.

4.4 Micro SD Card Insertion

1. Insert the 32GB Micro SD card (Class 10 or higher, 32GB-128GB recommended) into the designated slot on the main unit.
2. Before first use, format the Micro SD card through the device's settings menu to ensure proper functionality and prevent recording issues.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The device will automatically power on and begin recording when the car engine starts. It will power off automatically when the engine is turned off.
- **Touchscreen Navigation:** Use the 10-inch IPS touchscreen to navigate through menus, adjust settings, and switch display modes.

5.2 Recording Functions

- **Loop Recording:** The camera continuously records video in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, it automatically overwrites the oldest unlocked footage.
- **Emergency Recording (G-Sensor):** The built-in G-sensor detects sudden impacts or collisions. In such an event, the current video segment is automatically locked and protected from being overwritten, serving as crucial evidence.

5.3 Display Modes and Features

- **Split Screen Function:** View both front and rear camera feeds simultaneously on the display.
- **Adjustable View Scope:** Swipe up or down on the screen to adjust the viewing angle of the displayed camera feed.
- **Super Night Vision:** Enhanced night resolution algorithms provide clear images in low-light conditions.
- **Dual 170° Wide Angle:** Both front and rear cameras offer a 170-degree wide viewing angle, minimizing blind spots.
- **Parking Monitor:** When enabled, the device will automatically record if it detects a collision or vibration while the vehicle is parked. This requires a hardwiring kit for 24-hour monitoring.
- **Reversing Aid System:** When the vehicle is put into reverse, the display automatically switches to the rear camera view with parking guidelines (requires proper connection to reverse light trigger).



Image: Visual representation of key features including Loop Recording, G-sensor, Parking Monitor, and Adjustable View Scope.

[(Enhanced)] Super Night Mode

Grizzly's AI-level chips enhance night resolution algorithms.

Our



Other



Image: Comparison demonstrating the enhanced clarity and detail provided by the Super Night Mode in low-light conditions.

Front / Rear Camera Both 170° Wide Angle

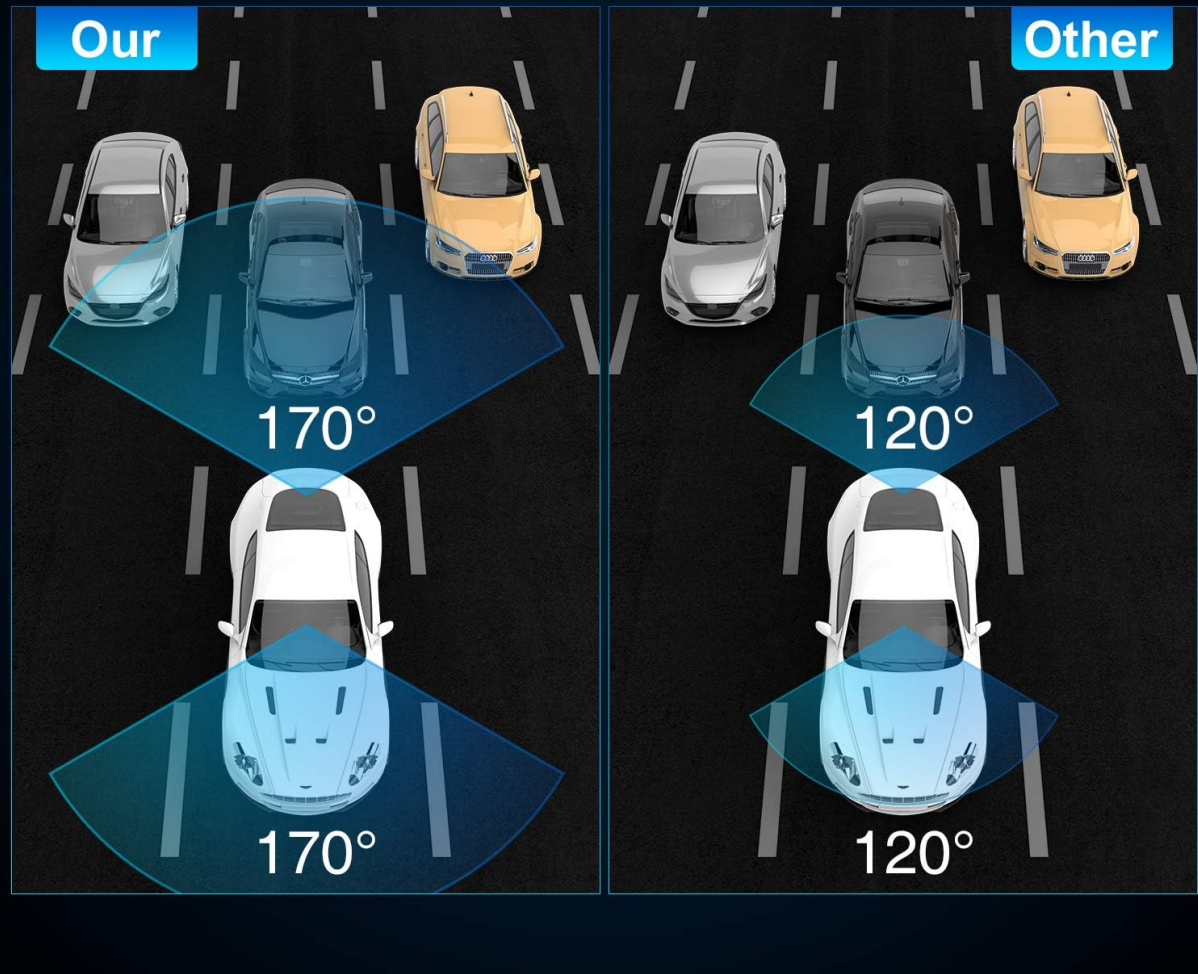


Image: Diagram illustrating the extensive 170-degree wide-angle coverage of both the front and rear cameras, reducing blind spots.

2560 x 1440P Quad HD Video Resolution



Image: Visual comparison highlighting the superior clarity and detail of 2.5K (front) and 1080P (rear) video resolution compared to standard definitions.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and the touchscreen. Avoid abrasive materials or chemical cleaners that could damage the surfaces.
- **SD Card Maintenance:** Regularly format the Micro SD card (at least once a month) to ensure optimal performance and prevent data corruption. Back up any important footage before formatting.
- **Firmware Updates:** Check the official ThiEYE website periodically for any available firmware updates to ensure your device has the latest features and bug fixes.

7. TROUBLESHOOTING

- **Device does not power on:** Ensure the car charger is properly connected and the vehicle's 12V power outlet is functioning. The device requires continuous power from the car charger during operation. The internal battery is for emergency file backup only.
- **Touchscreen is unresponsive or insensitive:** Ensure you are using the original ThiEYE car charger. Using third-party chargers with insufficient power (less than 5V/3A) can affect touchscreen sensitivity.

- **Recording issues (e.g., footage not saving, errors):** Format the Micro SD card through the device settings. Ensure the SD card is a Brand Class 10 or higher and within the recommended capacity (32GB-128GB). A read/write speed higher than 20MB/s is recommended.
- **Rear camera image is unclear at night:** Headlights from vehicles behind can sometimes overwhelm the rear camera's sensor. Ensure the camera lens is clean. Adjusting the camera tilt slightly may help.
- **Device occasionally freezes or hangs:** This can sometimes be resolved by restarting the device. Ensure the firmware is up to date and the SD card is properly formatted and functioning.
- **Reversing lines do not appear:** Ensure the red wire from the rear camera cable is correctly connected to your vehicle's reverse light power source (12V trigger).

8. SPECIFICATIONS

Feature	Specification
Brand	ThiEYE
Model Number	UYH3
Screen Size	10 Inch (26 cm)
Display Type	LCD (IPS Ultra HD Full-Size streaming media mirror touchscreen)
Front Video Resolution	2.5K (2560x1440P)
Rear Video Resolution	1080P (1920x1080P)
Viewing Angle	170 Degrees (Front & Rear)
Memory Card Support	MicroSD, up to 128GB (32GB included)
Special Features	8MP camera, Super Night Vision, G-Sensor, Loop Recording, Parking Monitor, Reversing Aid System, Split Screen Function
Battery Composition	Lithium-ion (1 battery included, for emergency backup only)
Power Input	5V/3A (via car charger)
Product Dimensions	30 x 11 x 4 cm
Product Weight	850 g

9. WARRANTY AND SUPPORT

ThiEYE offers a comprehensive after-sales service policy for the Carview 3 Mirror Dash Camera:

- **Return Policy:** 30-day return policy from the date of purchase.
- **Product Warranty:** 365-day product warranty period.

- **Customer Service:** Friendly customer service available within 24 hours.

For any inquiries, technical support, or warranty claims, please contact us via email:

thieye.nl@thieye.com