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IIWEY C4 PRO

IIWEY C4 PRO 4-Channel Dash Cam Instruction Manual

Model: C4 PRO | Brand: IIWEY

1. INTRODUCTION

Thank you for choosing the IIWEY C4 PRO 4-Channel Dash Cam. This device is engineered to provide comprehensive 360° security for your vehicle, capturing high-quality footage from multiple angles. Featuring advanced STARVIS 2 Night Vision, AI-powered license plate recognition, 5GHz WiFi, GPS, Voice Control, and 24/7 Parking Mode, the C4 PRO ensures you have reliable evidence and peace of mind on the road. Please read this manual thoroughly before installation and operation to ensure proper use and maximize the device's performance.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- IIWEY C4 PRO Main Unit (Front Dash Cam with integrated side cameras)
- 2K Rear Camera
- 128GB High-Speed MicroSD Card (Pre-installed)
- Protective Lens Filter (Pre-installed)
- Car Charger (with USB port)
- USB-C Power Lead
- Rear Camera Cable
- Car Mount (Adhesive Mount Pad)
- Cable Clips (x5)
- Crowbar (Installation Tool)
- Electrostatic Films (x2)
- Card Pin

- Quick Guide
- User Manual
- Warranty Card



Image: Detailed view of all items included in the IIWEY C4 PRO Dash Cam package.

3. PRODUCT FEATURES

- **4-Channel 360° Recording:** Captures Front (2.7K/1944P), Rear (2K), and both sides (1080P x2) simultaneously for comprehensive coverage.
- **Superior STARVIS 2 Night Vision:** Equipped with Sony STARVIS 2 IMX675 sensor and 4 Infrared LEDs on side cameras for crystal-clear footage in low light and darkness.
- **Smart AI App with License Plate Reader:** IIWEY App features Advanced AI License Plate Recognition for easy evidence collection.
- **5GHz WiFi & GPS:** 3x faster downloads via 5GHz WiFi and real-time route tracking with GPS.
- **Hands-Free Voice Control:** Command your dash cam with simple voice commands for safer driving.
- **24/7 Parking Guard:** Three intelligent modes: Collision Detection, Motion Detection, and Time-Lapse. (Requires optional Type-C Hardwire Kit ASIN: B0DHJNRPB9).
- **Supercapacitor Reliability:** Withstands extreme temperatures (-4°F to 158°F) without battery swelling risks.
- **Seamless Loop Recording:** Automatically overwrites old files when the microSD card is full.
- **Pre-installed 128GB MicroSD Card:** Ready to record out of the box. Supports up to 512GB.
- **Adjustable Side Cameras:** Side cameras can be rotated to cover interior or exterior blind spots.

4. INSTALLATION GUIDE

4.1 Important Size Notice

The C4 PRO is larger than standard dash cams (Dimensions: 6.5" x 2.3" / 16.5cm x 5.8cm) due to its 4-lens hardware. Please measure your windshield space near the rear-view mirror before installation to ensure it does not obstruct your view.

4.2 Mounting the Main Unit

1. Clean the area on your windshield where you intend to mount the dash cam.
2. Apply one of the provided electrostatic films to the cleaned area. This protects your windshield and

allows for easier removal.

3. Peel off the protective film from the adhesive mount pad on the main unit.
4. Firmly press the main unit onto the electrostatic film on your windshield, ensuring optimal angle. The mount is pre-adjusted at the optimal angle for most vehicles. If adjustment is required, the bracket can be rotated 10° forward and backward.



Image: The IIWEY C4 PRO main unit mounted on a car windshield, showing its compact design and integrated side cameras.

4.3 Installing the Rear Camera

1. Identify a suitable location on your rear windshield for the 2K rear camera.
2. Clean the area and apply an electrostatic film.
3. Attach the rear camera to the film using its adhesive pad.
4. Connect the rear camera cable to the main unit and route the cable discreetly along the vehicle's headliner and A-pillars using the provided crowbar tool and cable clips.



Image: The 2K rear camera mounted on the rear windshield, highlighting its 360° rotation capability for flexible positioning.

4.4 Power Connection

1. Connect the USB-C power lead to the main unit.
2. Plug the car charger into your vehicle's 12V cigarette lighter socket.
3. Route the power cable discreetly along the windshield and dashboard trim using the crowbar tool and cable clips.

Note: For 24/7 Parking Mode functionality, a specific Type-C Hardwire Kit (ASIN: B0DHJNRPB9) is REQUIRED and sold separately. This kit provides continuous power to the dash cam even when the vehicle is off.

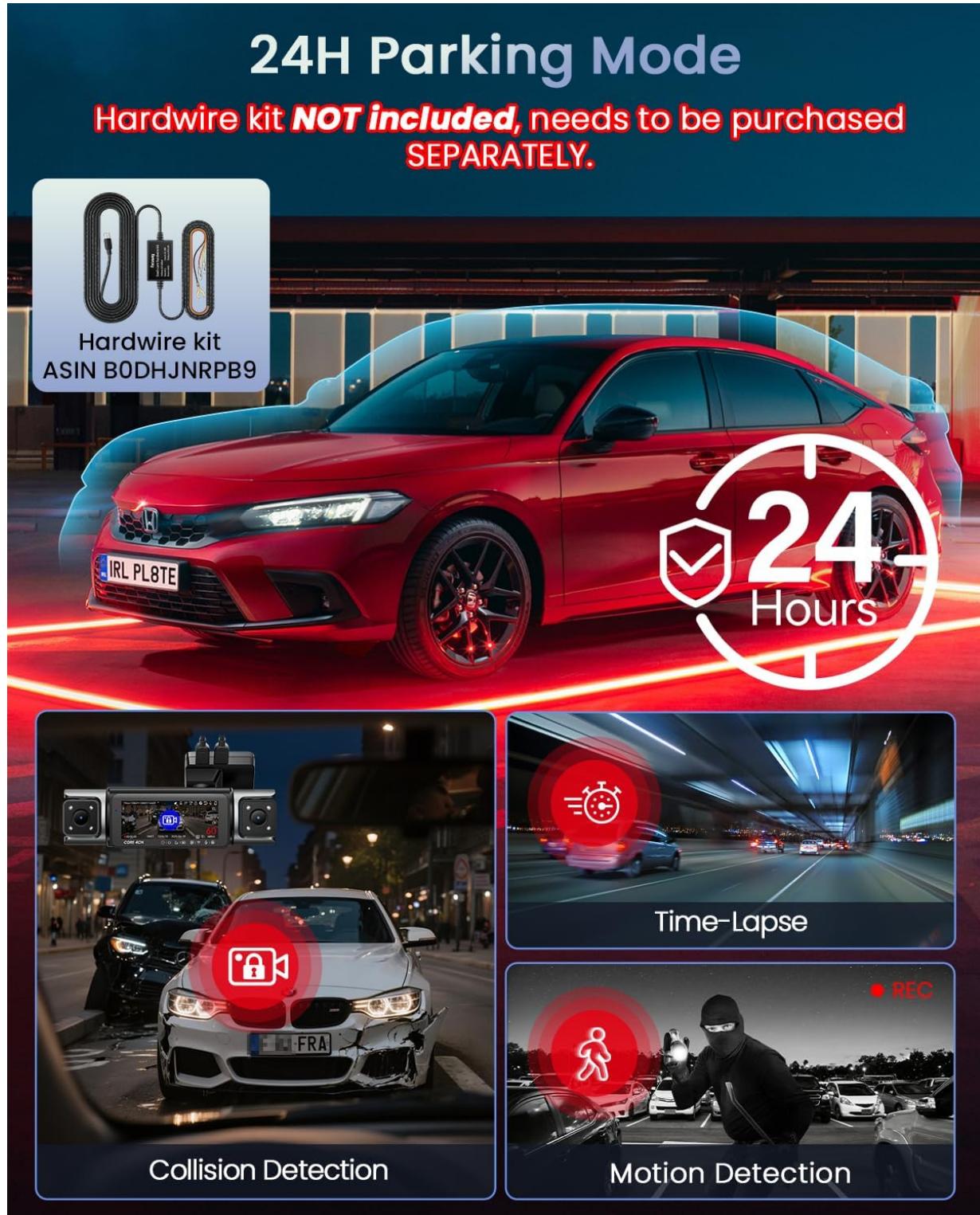


Image: Diagram illustrating the 24-hour parking mode, collision detection, motion detection, and time-lapse features, noting the separate hardwire kit requirement.

5. OPERATING INSTRUCTIONS

5.1 Basic Operations

- **Power ON/OFF:** The dash cam automatically powers on/off with your vehicle's ignition. You can also manually power on/off by pressing the power button.

- **Screen ON/OFF:** Short-press the power button to turn the screen on or off.
- **Switch Camera View:** Press the 'M' button to cycle through different camera views (Front, Rear, Side, Multi-view).
- **Lock Current Video Clip:** During recording, long-press the 'M' button to lock the current video, preventing it from being overwritten by loop recording.
- **Enter Menu Setting Page:** Long-press the 'OK' button to access the menu.

5.2 Voice Control

The C4 PRO supports hands-free voice commands for key functions. Speak clearly and directly to the dash cam.

- "Turn on/off Audio"
- "Take Photo"
- "Lock the Video"
- "Start/Stop Recording"
- "Turn On/Off WiFi"



Image: A driver using voice commands to control the IIWEY C4 PRO Dash Cam, illustrating various available commands.

5.3 App Control & Connectivity

Download the IIWEY App from the App Store (iOS) or Google Play (Android) to manage your dash cam via 5GHz WiFi.

- **Connect to WiFi:** Enable WiFi on your dash cam and connect your smartphone to the dash cam's WiFi network (SSID and password provided in the Quick Guide).
- **Live View:** Stream real-time footage from all cameras to your phone.
- **File Management:** Browse, download, and share recorded videos and photos directly from the app.
- **Settings Adjustment:** Configure dash cam settings, including resolution, G-sensor sensitivity, and parking mode options.
- **GPS Tracking:** View your driving route on Google Maps within the app or via the Gxplayer on your PC.
- **OTA Firmware Updates:** Keep your dash cam up-to-date with the latest features and firmware through the app.

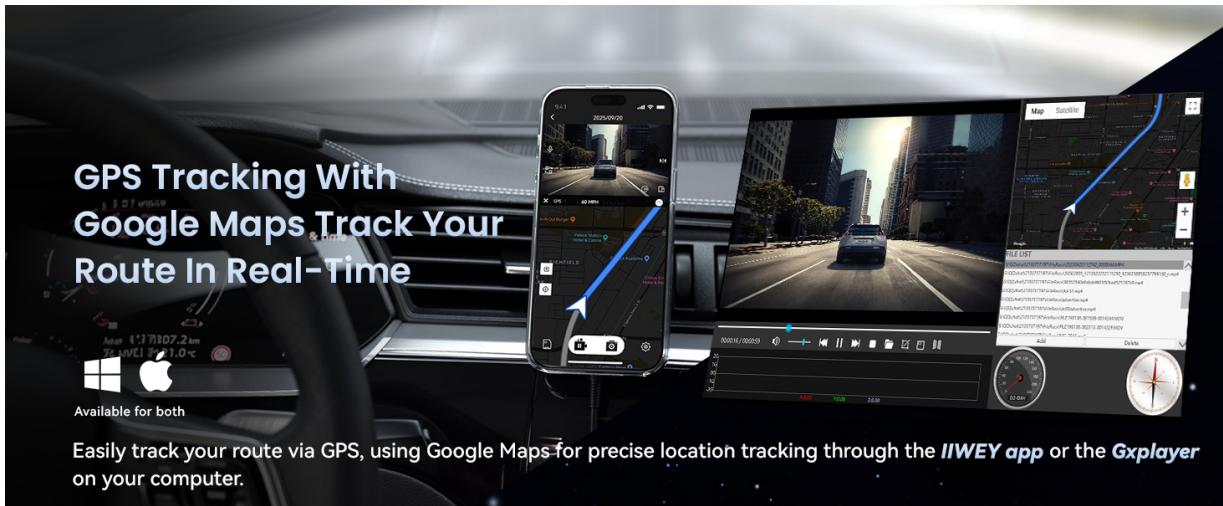


Image: Screenshots of the IIWEY mobile application showing live view, file management, and settings options, emphasizing 5GHz WiFi connectivity.

6. PARKING MODE

The C4 PRO offers 24/7 parking surveillance to protect your vehicle when parked. To enable these features, the optional Type-C Hardwire Kit (ASIN: B0DHJNRPB9) is required to provide continuous power.

- **Collision Detection:** Automatically records footage when an impact is detected.
- **Motion Detection:** Records when motion is detected around your parked vehicle.
- **Time-Lapse Recording:** Continuously records at a low frame rate to save storage space while capturing extended periods.

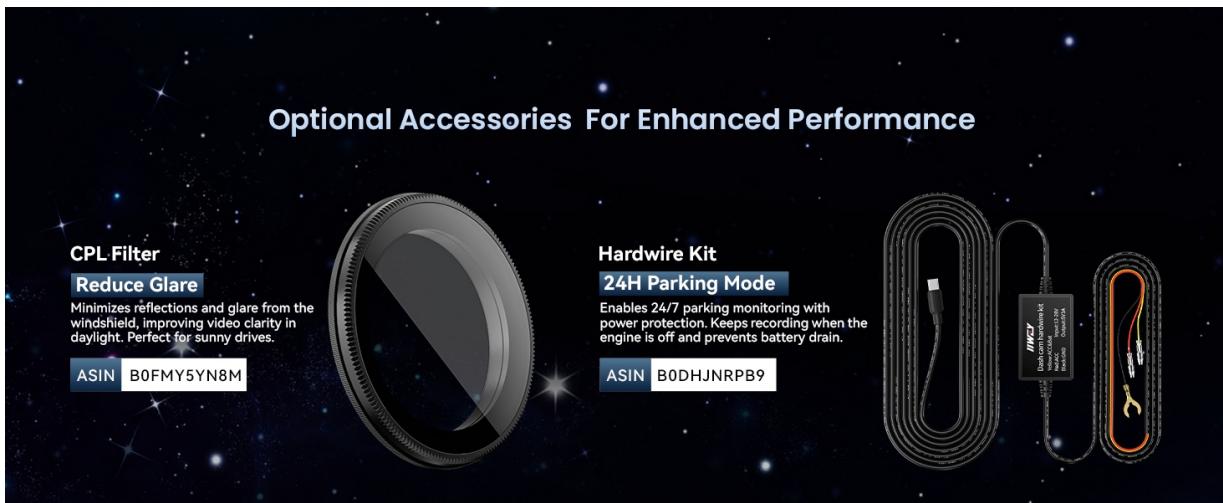


Image: Visual representation of the three parking monitor modes: Motion Detection, Time-lapse recording, and Collision Detection, with an emphasis on the hardwire kit requirement.

7. MAINTENANCE & CARE

- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and screen. Avoid abrasive cleaners.
- **MicroSD Card:** Format the microSD card regularly (e.g., once a month) to ensure optimal performance and prevent data corruption.
- **Temperature:** The supercapacitor allows operation in extreme temperatures (-4°F to 158°F). Avoid prolonged exposure to temperatures outside this range.
- **Lens Filter:** The pre-installed protective lens filter can be swapped for an optional CPL Filter (ASIN: B0FMY5YN8M).

B0FMY5YN8M) to reduce glare in bright sunlight.



Image: Illustration of the IIWEY C4 PRO Dash Cam's supercapacitor withstanding extreme temperatures, from 167°F (75°C) to -4°F (-20°C).

8. TROUBLESHOOTING

- Dash Cam Not Powering On:** Ensure the car charger is properly connected and the vehicle's 12V socket is functioning. Check the power cable for damage.
- Recording Issues:** Format the microSD card. Ensure the card is a high-speed (Class 10 or U3) card. If issues persist, try a different compatible microSD card.
- WiFi Connection Problems:** Ensure the dash cam's WiFi is enabled. Restart both the dash cam and your smartphone. Try connecting again.
- Voice Control Not Responding:** Speak clearly and ensure there is minimal background noise. Update firmware via the IIWEY App.
- Parking Mode Not Working:** Verify that the optional Type-C Hardwire Kit (ASIN: B0DHJNRPB9) is correctly installed and providing continuous power. Check parking mode settings in the menu or app.
- Screen Freezing/Malfunctioning:** Reset the dash cam by pressing the reset button (if available) or disconnecting and reconnecting power.

9. SPECIFICATIONS

Feature	Specification
Model Name	C4 PRO
Video Capture Resolution	Front: 2.7K (1944P), Rear: 2K, Inside: 1080P x2
Field Of View	Front/Rear: 160°, Side: 150°
Sensor	Sony STARVIS 2 IMX675
Connectivity Technology	5GHz Wi-Fi, GPS

Special Features	360 Degree, Voice Control, App Control, Built-In Display, Built-In Supercapacitor, Loop Recording, Motion Sensing, G-Sensor, Night Vision, Parking Mode, PlateTag AI
Storage	128GB MicroSD Card (included), supports up to 512GB
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Product Dimensions	6.5" x 2.3" (16.5cm x 5.8cm)
Item Weight	1.96 pounds

10. WARRANTY & SUPPORT

All IIWEY products are backed by a **12-month warranty**. For any questions, technical assistance, or warranty claims, please contact our responsive **24/7 customer support** via email or Amazon message. For additional resources, including wiring tutorials and app usage tutorials, please refer to the QR codes in the Quick Guide or visit the IIWEY official website.

11. PRODUCT VIDEOS

Smart Dash Cam C4PRO With 5G WiFi, GPS & Infrared Night Mode

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This video provides an overview of the IIWEY C4 PRO Dash Cam's smart features, including 5G WiFi connectivity, GPS tracking, and advanced infrared night mode capabilities.

4-Channel 360 degree Dash Camera

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This video demonstrates the 360-degree coverage provided by the 4-channel dash camera system, showcasing its ability to record from multiple perspectives simultaneously.

2.7K 4-CH Dash Cam

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A video highlighting the 2.7K recording capabilities of the IIWEY 4-channel dash cam, focusing on video clarity and resolution.

4-Channel 2.7K Dashcam with Night Vision

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This video showcases the 2.7K recording quality and night vision performance of the 4-channel dash cam, demonstrating its effectiveness in various lighting conditions.

IIWey C4 Pro 4 Channel Dash Cam Review

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A detailed review of the IIWEY C4 PRO 4-Channel Dash Cam, covering its features, performance, and user experience.