

IIWEY C3 PRO

IIWEY C3 PRO 4K Dash Cam 3 Channel Instruction Manual

Model: C3 PRO

1. OVERVIEW

The IIWEY C3 PRO 4K Dash Cam 3 Channel is an advanced vehicle recording system designed to capture comprehensive footage of your driving environment. Equipped with triple Sony STARVIS 2 sensors (IMX678 for front, dual IMX675 for cabin & rear), it provides high-resolution video (4K Front + 2K Cabin + 1080P Rear) with enhanced clarity, especially in low-light conditions. Key features include HDR 3.0, Night Vision 3.0, PlateTag AI for license plate recognition, 5GHz Wi-Fi for fast data transfer, GPS logging, and intelligent parking modes.

2. PRODUCT FEATURES

- **Triple STARVIS 2 Sensors:** Front (IMX678), Cabin (IMX675), and Rear (IMX675) for superior low-light performance and image clarity.
- **High-Resolution Recording:** Simultaneous 4K (Front), 2K (Cabin), and 1080P (Rear) video capture.
- **HDR 3.0:** Advanced High Dynamic Range technology to balance exposure in varying light conditions, reducing glare and enhancing detail.
- **Night Vision 3.0:** Optimized for clear nighttime recording, capturing readable license plates in near-total darkness.
- **PlateTag AI:** Utilizes deep learning to automatically detect and highlight license plates within the IIWEY App for easy retrieval.
- **5GHz Wi-Fi:** Enables rapid video downloads and live streaming to your smartphone via the IIWEY App.
- **GPS Logging:** Records speed and location data, providing indisputable evidence for incidents.
- **Intelligent Parking Modes:** (Requires optional hardware kit) Motion Detection, Collision Detection, and Time Lapse Record for 24/7 vehicle monitoring.
- **Supercapacitor Power:** Ensures durability and safety in extreme temperatures, replacing traditional batteries.

- **Voice Control:** Hands-free commands for locking videos or taking photos.
- **3.18-inch IPS Display:** Clear and wide-angle viewing for real-time monitoring and playback.
- **Loop Recording:** Automatically overwrites oldest footage when the SD card is full.
- **G-Sensor:** Automatically locks footage upon impact or sudden braking.
- **Supports up to 512GB MicroSD Card:** Includes a 128GB card for immediate use.

3. WHAT'S IN THE BOX

The IIWEY C3 PRO package includes the following components:

- Main camera with GPS module
- 2K Rear Camera
- Charging Cable (3.5 meters)
- Car Mount (adhesive pads)
- Crowbar (for cable tucking)
- Cable Clips (x5)
- Installation Tool
- Quick Guide
- User Manual
- Warranty Card
- Rear Camera Cable (7 meters)
- 128GB MicroSD Card



Image: All components included in the IIWEY C3 PRO package, neatly arranged.

4. SETUP & INSTALLATION

Follow these steps to properly install your IIWEY C3 PRO Dash Cam:

1. **Prepare the Mounting Area:** Clean the windshield area where the main camera will be mounted. Ensure it's free of dust and grease for optimal adhesive performance.
2. **Mount the Main Camera:** Attach the main camera with its adhesive mount behind your rearview mirror. Position it to ensure a clear view of the road without obstructing your driving vision.
3. **Connect Power:** Route the 3.5-meter charging cable along the windshield edge and down to your vehicle's

12V power outlet (cigarette lighter socket). Use the provided crowbar and cable clips to neatly tuck the cable and secure it.

4. **Install Rear Camera:** Mount the 2K rear camera on your rear windshield using its adhesive. Connect it to the main unit using the 7-meter rear camera cable. Route this cable along the vehicle's headliner and side panels to the rear, securing it with clips.
5. **Insert MicroSD Card:** Insert the provided 128GB MicroSD card into the main camera's slot.
6. **Power On and Test:** Start your vehicle. The dash cam should power on automatically and begin recording. Verify that all three cameras are functioning and recording correctly on the display.
7. **Optional Hardwire Kit:** For 24/7 parking surveillance modes (Motion Detection, Collision Detection, Time Lapse), an optional IIWEY Hardwire Kit (ASIN: B0DHJNRPB9) is required and sold separately.



Image: Diagram illustrating the recommended cable routing for the front and rear cameras, ensuring a tidy installation.



Image: A visual representation of all items included in the IIWEY C3 PRO Dash Cam package, including cameras, cables, and installation tools.

Installation Video

Your browser does not support the video tag.

Video: An official seller video demonstrating the installation process of the IIWEY C3 PRO 3 Channel 4K Dash Cam.

5. OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** The dash cam automatically powers on and off with your vehicle's ignition.
- **Recording:** Once powered on, the dash cam automatically begins loop recording.
- **Display Modes:** Use the buttons on the device to switch between different camera views (front, cabin, rear, or split-screen).
- **Screen Saver Mode:** The camera can activate a screen saver mode after 30 seconds or one minute to reduce distractions, especially during nighttime driving. The dash cam continues recording in the background.

3

STARVIS 2 *3
Channel Dash Cam
4K+2K+1080P

The front, interior, and rear cameras all use STARVIS 2 sensors for enhanced image clarity.

Front: **4K 170°**



Inside: **1080P 160°**



Rear: **2K 160°**



Ultimate Three
SONY **STARVIS 2**

- +Front IMX678
- +Inside IMX675
- +Rear IMX675



Image: A visual representation of the IIWEY C3 PRO Dash Cam's three recording channels (front, interior, rear) and their wide

viewing angles.



Image: Illustrates the simultaneous 4K front, 2K cabin, and 1080P rear recording capabilities of the dash cam.

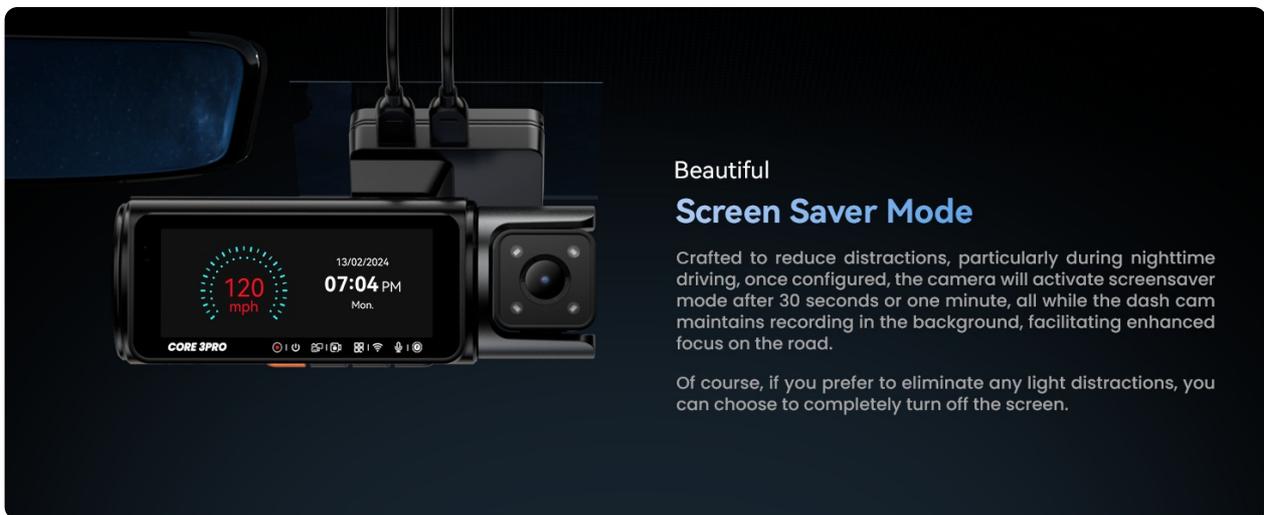


Image: Shows the dash cam's screen saver mode, designed to minimize driving distractions while recording continues.

Voice Control

The IIWEY C3 PRO supports hands-free voice commands for critical functions:

- "Lock the Video": Saves the current recording from being overwritten.
- "Take Photo": Captures a still image.
- "Turn ON Wi-Fi" / "Turn OFF Wi-Fi": Activates or deactivates the Wi-Fi connection.
- "Turn ON Audio" / "Turn OFF Audio": Controls audio recording.

5G WiFi & GPS Track, Voice Control & AR Playback

Turn ON Wi-Fi

Lock the Video

Take Photo

Turn ON/OFF Screen

Turn off Audio

10.4 M/s

2MB/s **VS** 10MB/s

10x Faster download speed

IWEY App

Download on the App Store

Google play

Smart AR playback combined with the Sony IMX678 sensor and IWEY PlateTag technology enables automatic license plate reading.



Mobile App View

Exclusive **AR Playback** Technology

AR

Image: Illustrates the 5GHz Wi-Fi, GPS tracking, voice control, and AR Playback features of the dash cam.



Image: Highlights the 5GHz Wi-Fi for fast downloads, GPS tracking, voice control, and AR Playback technology.

IIWEY App & 5GHz Wi-Fi

Download the IIWEY App from your smartphone's app store. Connect to the dash cam's 5GHz Wi-Fi for:

- Live streaming view of all cameras.
- Fast footage downloads (up to 10MB/s).
- Access to PlateTag AI for license plate detection.
- Easy sharing of photos and videos.

GPS Tracking

The built-in GPS module logs your driving route, speed, and location. This data can be viewed on Google Maps via the IIWEY App or a dedicated GPS Player on your computer, providing verifiable evidence.



Image: Demonstrates how GPS tracking data, including route and speed, can be viewed on a map within the IIWEY App or a computer player.

6. ADVANCED FEATURES

Intelligent Parking Guard (Requires Hardwire Kit)

With the optional IIWEY Hardwire Kit, the C3 PRO offers 24/7 parking surveillance:

- **Motion Detection:** Records when movement is detected around the vehicle.
- **Collision Detection:** Records when an impact is detected.
- **Time Lapse Record:** Continuously records at a low frame rate to save storage space while monitoring.

PARKING MODE

24/7 Parking Mode

Motion Detection

Collision Detection

Time-lapse Record

Front 170°

Interior 160°

Rear 160°

Image: Illustrates the three intelligent parking modes: Motion Detection, Collision Detection, and Time-Lapse Record.



Image: Shows how motion and collision detection work to monitor your vehicle when parked.

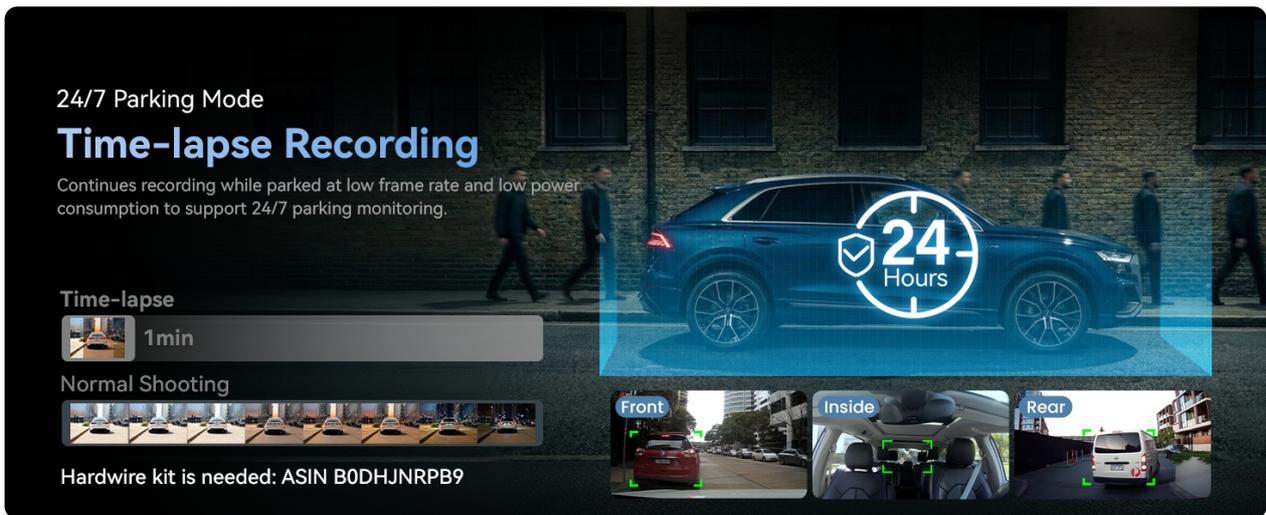


Image: Explains the time-lapse recording feature for continuous 24/7 parking monitoring with reduced file size.

G-Sensor

The built-in G-sensor detects sudden movements, impacts, or rapid acceleration/deceleration. When triggered, it automatically locks the current video segment to prevent it from being overwritten during loop recording, ensuring critical evidence is preserved.

Built-in G-sensor for Accident Lock

Automatically locks current footage when a collision is detected, ensuring accident evidence is saved to the SD card and not overwritten.

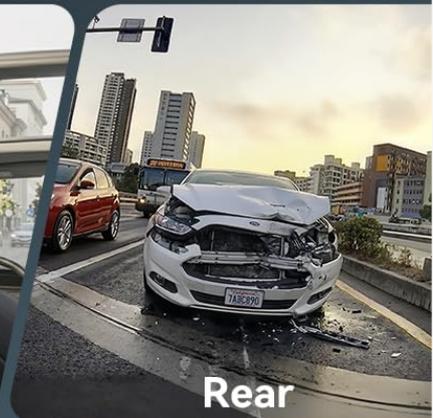
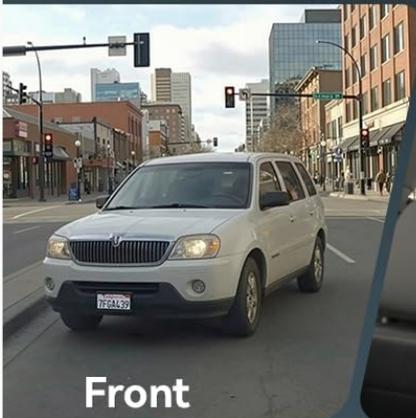
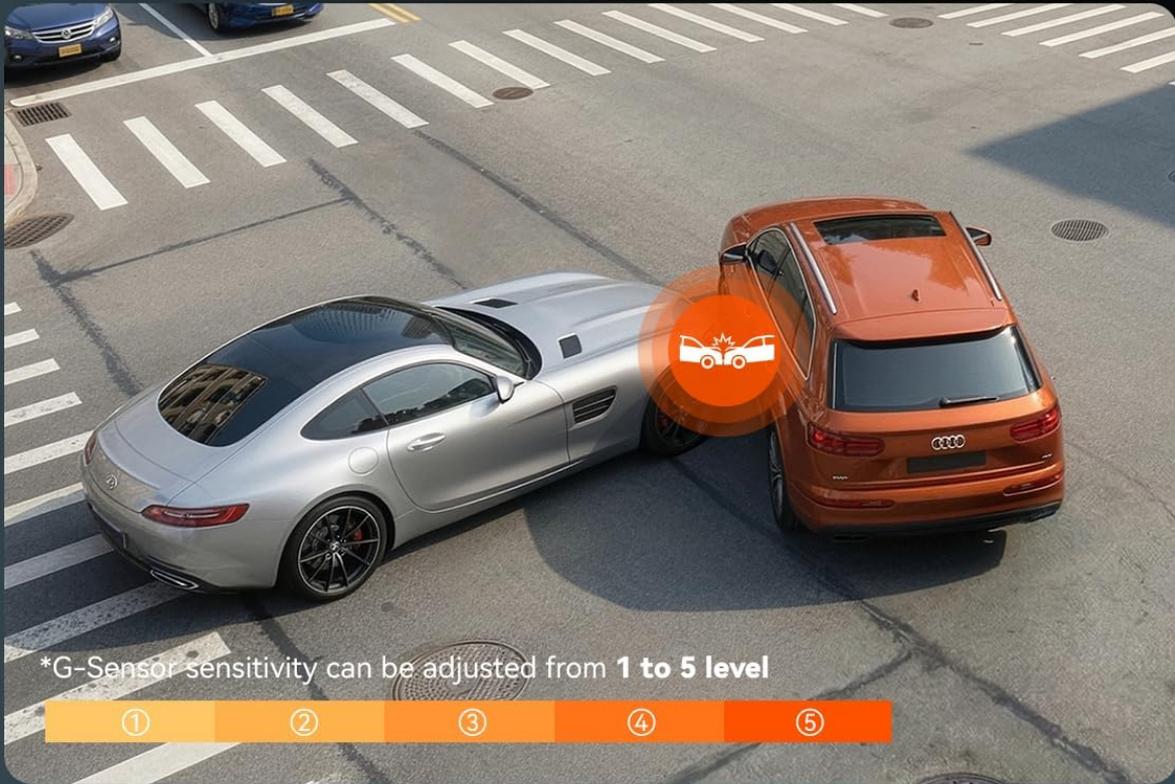


Image: Illustrates the G-sensor's function in detecting collisions and locking footage, with examples of front, cabin, and rear views.

Built-in G-sensor

Sensitivity Adjustable

The G-sensor offers three sensitivity levels, allowing you to adjust it to high or low based on your needs.



Image: Shows the adjustable sensitivity levels of the G-sensor for customized accident detection.

OTA Firmware Updates

Keep your dash cam's software up-to-date with Over-The-Air (OTA) firmware updates via the IIWEY App. This ensures your device benefits from the latest features, performance improvements, and bug fixes.

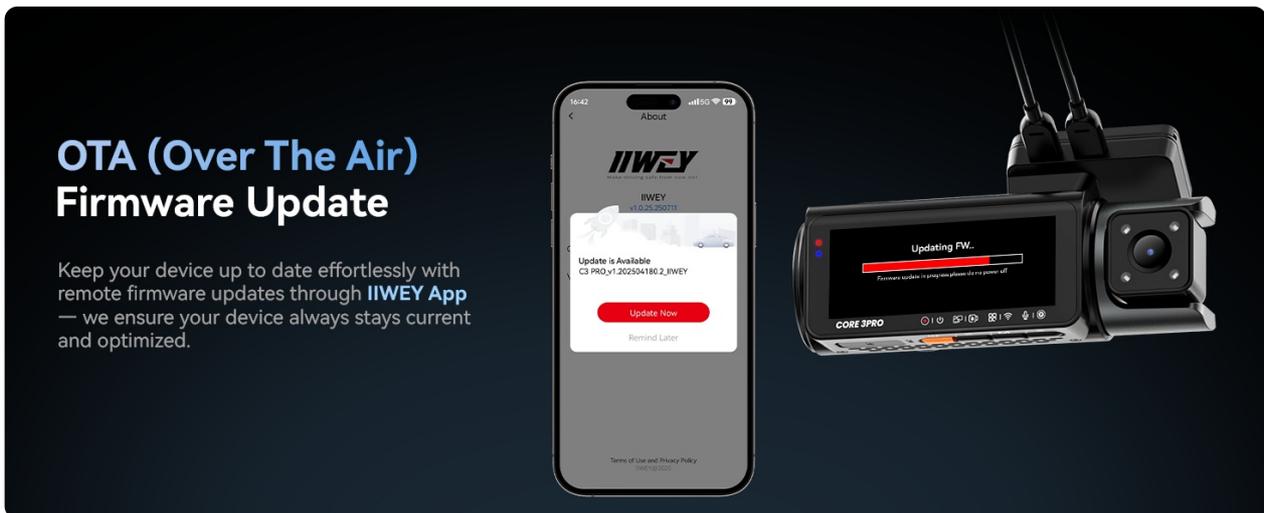


Image: Illustrates the process of updating the dash cam's firmware wirelessly through the IIWEY App.

7. MAINTENANCE

- **SD Card Management:** Regularly format your MicroSD card (at least once a month) to maintain optimal recording performance and prevent data corruption. The C3 PRO supports up to 512GB cards.
- **Lens Cleaning:** Keep camera lenses clean and free of dust or smudges for clear video quality. Use a soft, lint-free cloth.
- **Firmware Updates:** Periodically check for and install firmware updates via the IIWEY App to ensure your device has the latest features and stability improvements.
- **Temperature:** The supercapacitor design allows operation in extreme temperatures (-4°F to 158°F). Avoid prolonged exposure to temperatures outside this range.

Supports 512GB SD Card & Loop Recording

Automatically save the overwrite the oldest videos when the card is full to ensure the camera have the newest recordings.



Image: Highlights the dash cam's support for MicroSD cards up to 512GB and its loop recording functionality.

Durable & Safe

Supercapacitor

Thrives well even in scorching Kansas summers and frigid Alaskan winters, without any risk of explosion or melting. Enjoy a lifespan multiple times longer than traditional Lithium Batteries.



Image: Explains the benefits of the supercapacitor, including longer lifespan, no explosion risk, and all-weather adaptability.

8. TROUBLESHOOTING

- **Dash Cam Not Powering On:** Ensure the power cable is securely connected to both the dash cam and the vehicle's 12V power outlet. Verify the vehicle's power outlet is functional.
- **Recording Issues:** Check if the MicroSD card is inserted correctly and is not full. Format the SD card regularly. Ensure the dash cam's firmware is up-to-date.
- **Poor Video Quality:** Clean the camera lenses. Ensure the protective film has been removed from the lenses. Check video resolution settings in the menu.
- **Wi-Fi Connection Problems:** Ensure Wi-Fi is enabled on the dash cam via voice command or menu. Restart both the dash cam and your smartphone.
- **GPS Not Working:** Ensure the GPS module is properly connected and has a clear view of the sky. It may take a few minutes to acquire a signal.
- **Voice Commands Not Responding:** Speak clearly and directly towards the dash cam. Ensure the audio recording is enabled.

9. SPECIFICATIONS

Feature	Specification
Brand	IIWEY
Model Name	C3 PRO
Video Capture Resolution	4K+2K+1080P
Sensors	Triple STARVIS 2 (IMX678 Front, IMX675 Cabin & Rear)
Connectivity Technology	5GHz Wi-Fi & GPS
Screen Size	3.18 Inches IPS
Frame Rate	30 FPS
Included Memory Card Size	128 GB
Flash Memory Supported Size Maximum	512 GB
Power Source	Supercapacitor (No Batteries Included)
Product Dimensions	6.9"D x 5.47"W x 3.42"H
Special Features	PlateTag AI, HDR 3.0, Night Vision, Parking Mode, Voice Control, Loop Recording, G-Sensor

10. WARRANTY & SUPPORT

The IIWEY C3 PRO Dash Cam comes with an **18-Month Warranty**. For any inquiries, technical assistance, or support, please contact IIWEY customer service. They provide 24-hour responsive support to assist with setup and any operational questions.

For further assistance, please refer to the contact information provided on your Warranty Card or visit the official IIWEY website.