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› POYBPCY CS112 Dash Cam User Manual

POYBPCY CS112

POYBPCY CS112 Dash Cam User Manual

4K Front and 1080P Rear Dual Dash Cam with 5GHz WiFi and CPL

INTRODUCTION

Thank you for choosing the POYBPCY CS112 Dash Cam. This manual provides essential information for setting up, operating, and maintaining your new dash camera system. The CS112 offers advanced features including 4K front recording, 1080P rear recording, built-in 5GHz WiFi, CPL filter, WDR, 24-hour parking mode, G-sensor, and loop recording to ensure comprehensive coverage and peace of mind on the road.

PRODUCT OVERVIEW AND COMPONENTS

The POYBPCY CS112 Dash Cam system includes the main front dash camera unit and a rear camera, along with necessary accessories for installation and operation. Familiarize yourself with the components before proceeding with setup.



Image: Overview of the POYBPCY CS12 Dash Cam, showing the front unit, rear camera, CPL filter, and the accompanying smartphone application interface.

Super Night Vision + CPL-Reduces Headlight Interference

When driving at night, CPL can filter out strong light and halos from oncoming car headlights and record night vision images more clearly.



Reduces Glare and Improves Color Saturation



Filters Halos and Improves Night Vision Clarity



A Safe Choice for Night Drivers

Image: Detailed diagram illustrating the various parts of the CS12 dash cam, including the CPL, lens, speaker, multi-function side button, removable stand, recording indicator, 1.47-inch display, Type-C power port, Micro SD card slot, reset button, and rear camera connection.

What's in the Box:

- Dash Camera (Main Unit)
- 1080P Rear Camera
- Car Charger
- Car Mount
- Charging Cable
- User Manual
- Crowbar (for cable routing)
- Reset Pin
- Card Reader
- Cable Hiding Clips
- 3M Sticker
- 64GB SD Card (included)
- Static Stickers

24H Parking Mode

Continue recording at a low frame rate and protect your car and the items inside after turning off the car.



This feature requires a hardwire kit (not included)



Image: Visual representation of all items included in the POYBPCY CS112 Dash Cam package.

SETUP AND INSTALLATION

The POYBPCY CS112 Dash Cam is designed for straightforward installation. Follow these steps to set up your device.

Front Camera Installation:

1. Clean the windshield area where the dash cam will be mounted. Ensure it is free of dust and grease.
2. Apply the static sticker to the chosen area on the windshield. This helps in easy removal and repositioning without leaving residue.
3. Attach the car mount to the static sticker.
4. Slide the main dash cam unit onto the car mount. The dash cam supports 360-degree rotation for optimal viewing angles.
5. Connect the Type-C power cable from the car charger to the dash cam's power port.
6. Route the power cable neatly along the windshield edge and down to your car's cigarette lighter socket using the provided cable hiding clips and crowbar.

Rear Camera Installation:

1. Identify a suitable location on your rear windshield for the rear camera. Ensure it provides a clear view and does not obstruct your driving vision.

2. Clean the chosen area on the rear windshield.
3. Attach the rear camera using its 3M adhesive. The rear camera also supports 360-degree rotation for flexible positioning.
4. Connect the rear camera cable to the main dash cam unit's AV-IN port.
5. Route the rear camera cable discreetly along the vehicle's interior trim to the front dash cam unit.

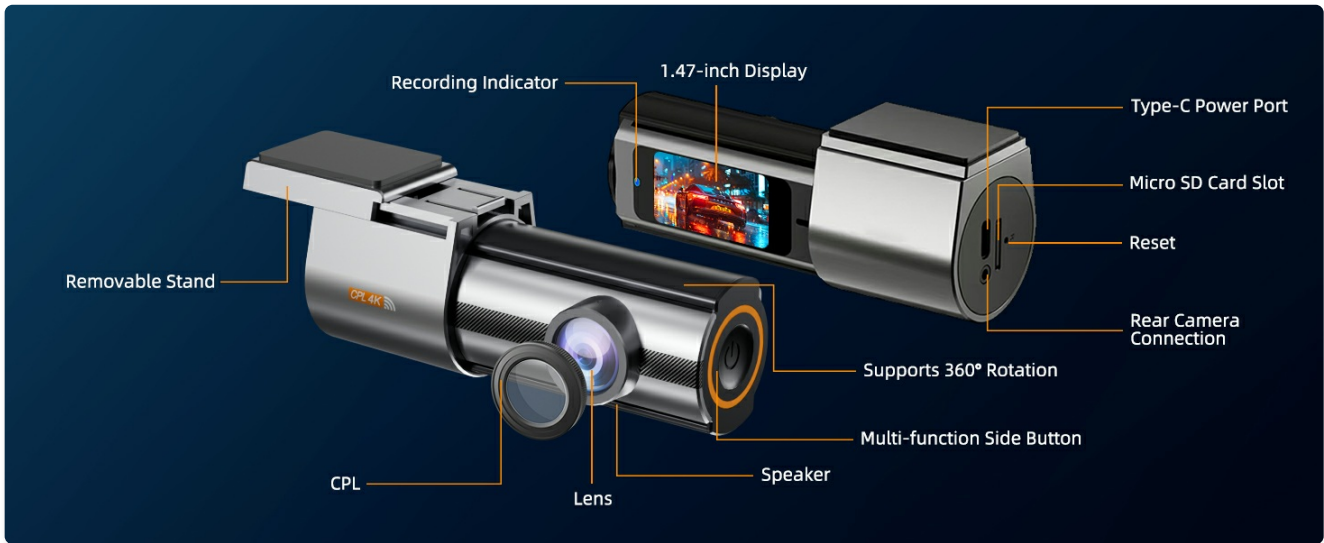


Image: Visual guide for simplified installation and wiring of the front and rear dash cameras, including the car charger connection.

Your browser does not support the video tag.

Video: An overview of the POYBPCY CS112 Dash Cam, demonstrating its features, components, and ease of installation. This video highlights the product's design and key functionalities.

OPERATING INSTRUCTIONS

Understand the core functionalities of your POYBPCY CS112 Dash Cam to maximize its performance and ensure optimal recording.

Recording Modes:

- **Continuous Loop Recording:** The dash cam automatically records video in segments (e.g., 1, 3, or 5 minutes) and continuously overwrites the oldest files when the memory card is full. This ensures that recording never stops. The included 64GB SD card provides ample storage, and the system supports up to 256GB cards.
- **G-Sensor (Emergency Recording):** In the event of a sudden impact or collision, the built-in G-sensor automatically detects the event and locks the current video segment, preventing it from being overwritten. This footage is stored in a separate, protected folder to serve as crucial evidence.
- **24-Hour Parking Mode:** For continuous monitoring even when your vehicle is parked and turned off, the dash cam offers a 24-hour parking mode. This feature requires a separate hardwire kit (not included) to provide constant power to the device. When activated, the dash cam will record incidents like vandalism or hit-and-runs.

360° Rear View Camera

The rear view camera not only records vehicles behind you, but also monitors the interior of the car to monitor children, passengers, and pets, or capture hit-and-runs and thefts, providing greater security.



Image: Explanation of G-Sensor, 24-Hour Parking Monitor (requires hardwire kit), and Seamless Loop Recording functionalities.

G-sensor Collision Detection

Automatically locks important footage in the event of a collision or sudden movement to prevent overwriting.



Image: Depiction of the G-sensor automatically locking important footage in the event of a collision or sudden movement to prevent overwriting.

Package Contents

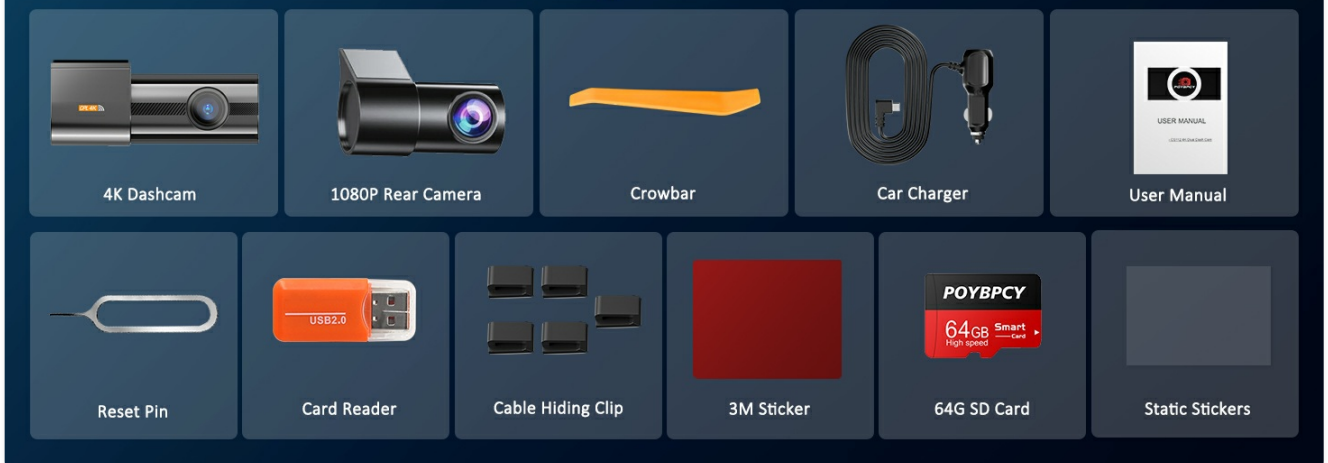


Image: Explanation of loop recording intervals (1/3/5 minutes) and how the dashcam overwrites old videos when the card is full. Shows compatibility with cards up to 256GB.



Easy Installation

Simplified installation and wiring are provided with installation tools that allow you to install quickly.

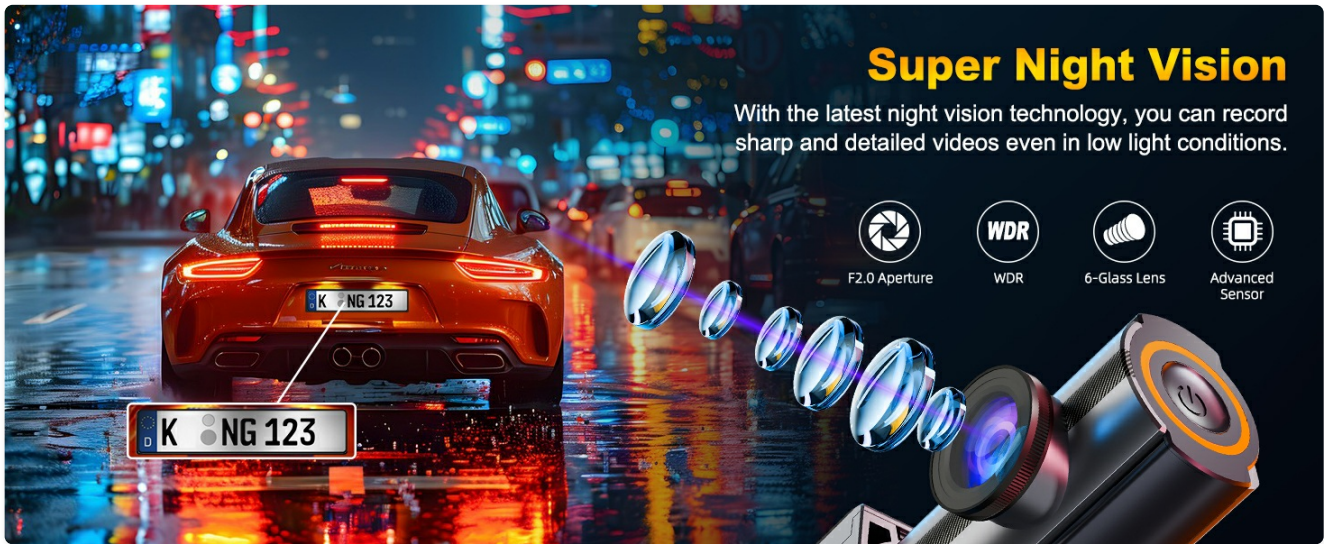
Image: Visualizing the 24-hour parking mode, which continues recording at a low frame rate to protect the car and its contents after the engine is turned off. Note: This feature requires a hardwire kit (not included).

Video Quality and Features:

- **4K UHD Front & 1080P FHD Rear Recording:** The front camera records in Ultra HD 4K (3840x2160P) and the rear camera in Full HD 1080P, capturing clear and detailed footage of the road ahead and behind.
- **Wide-Angle Lenses:** Equipped with a 170° front ultra-wide-angle lens and a 140° rear wide-angle lens, the system reduces blind spots and provides maximum road coverage.
- **Super Night Vision with WDR & CPL:** The dash cam features a large F2.0 aperture and a 6-layer lens for increased light intake. Wide Dynamic Range (WDR) technology combined with a CPL (Circular Polarizing Lens) optical filter reduces glare and reflections from strong light sources (like headlights or sun), enhancing color, contrast, and overall clarity for clear night and day recordings.



Image: Demonstrates the 4K Ultra HD recording capability of the front camera and 1080P Full HD of the rear camera.



Super Night Vision

With the latest night vision technology, you can record sharp and detailed videos even in low light conditions.



F2.0 Aperture



WDR



6-Glass Lens



Advanced Sensor

Image: Shows the extensive coverage provided by the 170° front and 140° rear ultra-wide-angle lenses, effectively reducing blind spots.



With Removable CPL Filter

Removes glare, reduces interference, and ensures clear images when recording videos.

Without CPL Filter

The dashboard is highly reflective, reducing video image clarity.

Image: Comparison demonstrating how the removable CPL filter removes glare and reduces interference, ensuring clear images when recording videos, versus footage without the CPL filter where the dashboard is highly reflective, reducing video image clarity.



170°+140° Ultra Wide Angle

Equipped with a 170° wide-angle front camera and a 140° rear camera, it can easily cover 3 lanes and reduce blind spots. Capture more details and record every moment of your drive.

Image: Illustrates the effectiveness of Super Night Vision combined with the CPL filter in reducing strong light and halos from oncoming car headlights, resulting in clearer night vision images.

Connectivity and App Control:

The CS112 features built-in 5GHz WiFi for fast and seamless connection to your smartphone via the dedicated mobile application (available for Android and iOS). This allows you to:

- Adjust dash cam settings and parameters.
- View live footage from both cameras.
- Download recorded video files directly to your phone.
- Share videos and photos to social media platforms.



Image: Depicts the 5GHz WiFi App Control feature, showing how to connect to the dash cam and easily view recorded videos via the Vidure app, with options for sharing to social media.

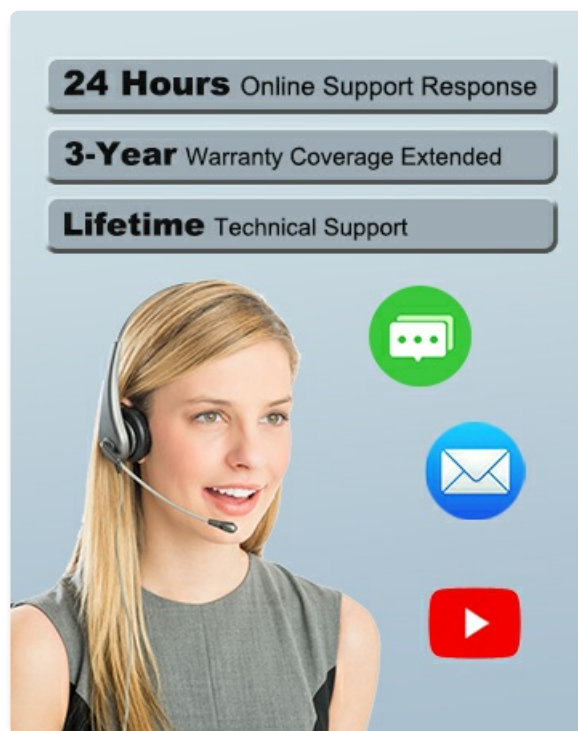


Image: POYBPCY brand logo and slogan, emphasizing the brand's commitment to capturing driving moments.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your dash cam.

- **Clean Lenses:** Regularly wipe the front and rear camera lenses with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials that could scratch the lens.
- **Format SD Card:** It is recommended to format the included 64GB SD card monthly to prevent data corruption and ensure smooth loop recording. This can typically be done through the dash cam's settings menu or via the mobile app.
- **Check Connections:** Periodically check all cable connections (power, rear camera) to ensure they are secure and free from damage.

- **Software Updates:** Check the manufacturer's website or the mobile app for any available firmware updates to ensure your dash cam has the latest features and bug fixes.

TROUBLESHOOTING

If you encounter issues with your dash cam, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Dash cam not powering on.	Loose power connection, faulty car charger, vehicle power outlet issue.	Ensure the car charger is securely plugged into both the dash cam and the vehicle's power outlet. Test the charger in another vehicle or use a different compatible charger. Check vehicle's fuse for the power outlet.
Recording stops or freezes.	SD card full, corrupted, or incompatible; firmware issue.	Format the SD card regularly. Try a different high-speed (Class 10 or U3) SD card up to 256GB. Perform a factory reset. Check for firmware updates.
Poor video quality (blurry, dark).	Dirty lens, CPL filter misaligned, low light conditions, incorrect settings.	Clean the camera lenses. Adjust the CPL filter rotation. Ensure WDR and Night Vision settings are enabled. Check video resolution settings.
WiFi connection issues.	Incorrect WiFi password, app not updated, interference.	Ensure correct WiFi password. Update the mobile app to the latest version. Restart both the dash cam and your smartphone. Try connecting in a different location to rule out interference.
Parking mode not working.	Hardwire kit not installed or faulty, incorrect settings.	Verify that a hardwire kit is correctly installed and providing constant power. Check parking mode settings in the dash cam or app.

SPECIFICATIONS

Key technical specifications for the POYBPCY CS112 Dash Cam:

- **Model Name:** CS112 Dash Cam Front and Rear
- **Product Dimensions:** 8.62 x 5.31 x 2.24 inches
- **Item Weight:** 1.1 pounds
- **Video Capture Resolution:** Front 4K (3840x2160P), Rear 1080P
- **Field Of View:** Front 170 Degrees, Rear 140 Degrees
- **Connectivity Technology:** Wi-Fi (5GHz)
- **Special Features:** 360 Degree Rotation, App Control, Built-In WiFi, CPL & WDR Night Vision, Loop Recording, Parking Monitor (requires hardwire kit)
- **Included Components:** Dash Camera, 1080P Rear Camera, Car Charger, Car Mount, Charging Cable, User Manual, 64GB SD Card, etc.
- **Mounting Type:** Windshield Mount
- **Batteries:** 1 Lithium Metal battery required (included)
- **Manufacturer:** POYBPCY
- **Date First Available:** April 19, 2025

WARRANTY AND SUPPORT

POYBPCY is committed to providing reliable products and excellent customer service.

- **Warranty Service:** We provide a 36-month warranty service for the POYBPCY CS112 Dash Cam. Please retain your proof of purchase for warranty claims.
- **Technical Support:** Lifetime technical support is available for all POYBPCY products.
- **Online Support:** Expect a 24-hour online support response for any inquiries or assistance you may need.



Image: Illustration of available support channels, including 24-hour online support, 3-year extended warranty coverage, and lifetime technical support.