IIWEY D2Pro

IIWEY D2 Pro Dash Cam User Manual

Model: D2Pro | Brand: IIWEY

Introduction

The IIWEY D2 Pro Dash Cam is a high-performance front and rear dash camera system designed to provide comprehensive road surveillance. Featuring 4K Ultra HD front recording and 1080P rear recording, built-in GPS for speed and route tracking, 5GHz WiFi for fast data transfer, and smart voice control, it offers advanced features for enhanced driving safety and convenience. This manual provides detailed instructions for setup, operation, and maintenance of your D2 Pro Dash Cam.



Figure 1: IIWEY D2 Pro Dash Cam components and features overview.

What's in the Box

Upon unboxing your IIWEY D2 Pro Dash Cam, please ensure all the following items are present:

- D2 Pro 4K Dash Cam with GPS Mount
- 1080P Rear Camera
- 64GB SD Card
- USB-C Power Lead
- Car Charger with USB Port
- User Manual
- Electrostatic Films (for mounting)
- Spare Mount Sticker
- Card Pin (for SD card removal)
- Cable Clips
- Crowbar Wiring Tool



Figure 2: Contents of the IIWEY D2 Pro Dash Cam package.

Setup Guide

1. Mounting the Dash Cam

Choose a suitable location on your windshield, typically behind the rearview mirror, that does not obstruct your view. Clean the area thoroughly before applying the electrostatic film and then the adhesive mount. The mount features a 65° rotatable design for optimal angle adjustment and a detachable pad for easy removal of the camera.

Figure 3: Detachable mount pad and rotatable design for flexible installation.

2. Installing the Rear Camera

Mount the 1080P rear camera on your rear windshield. Connect the rear camera to the main dash cam using the provided cable. Route the cable neatly along the vehicle's interior trim using the crowbar wiring tool and cable clips.

3. Connecting Power

Insert the USB-C power lead into the dash cam's Type-C port and the car charger into your vehicle's cigarette lighter socket. Ensure the connection is secure. The dash cam will power on automatically when the vehicle starts.

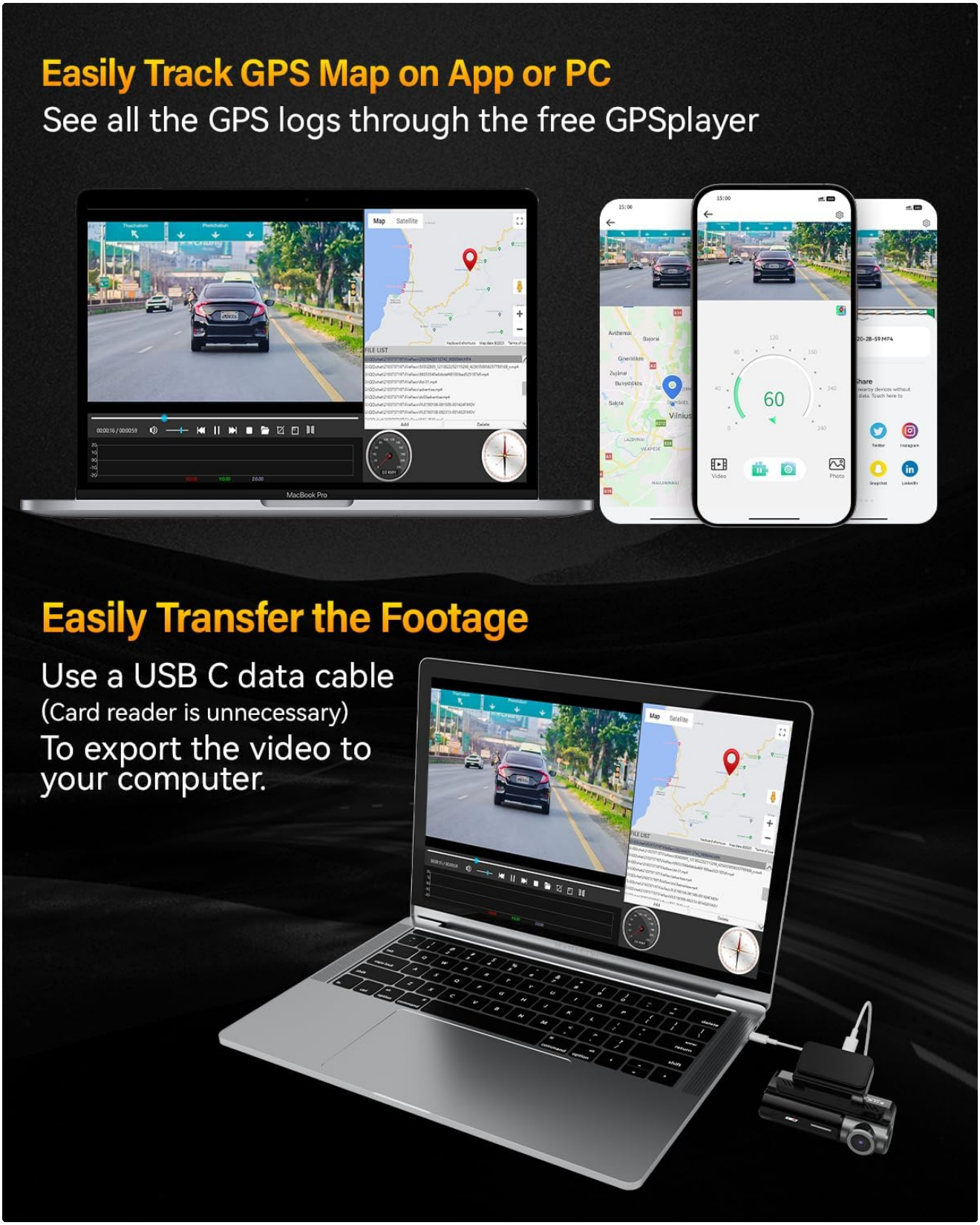


Figure 4: Wiring diagram for front and rear dash cameras.

4. Inserting the SD Card

Insert the provided 64GB SD card into the designated slot on the dash cam. Ensure it clicks into place. It is recommended to format the SD card periodically to maintain optimal performance.

Operating Instructions

Basic Recording (Loop Recording)

Once powered on, the dash cam will automatically begin recording. The loop recording feature ensures continuous recording by overwriting the oldest files when the SD card is full. This maintains a constant recording cycle without manual intervention.



Figure 5: Seamless loop recording process.

Smart Voice Control

Control your D2 Pro Dash Cam hands-free using voice commands. This allows you to focus on driving while managing essential functions. Available commands include:

- **"Lock the Video"**: Locks the current recording to prevent it from being overwritten.
- **"Take Photo"**: Captures a still image.
- **"Turn off the screen"**: Turns off the display while recording continues.
- **"Turn on/off Audio"**: Toggles audio recording.

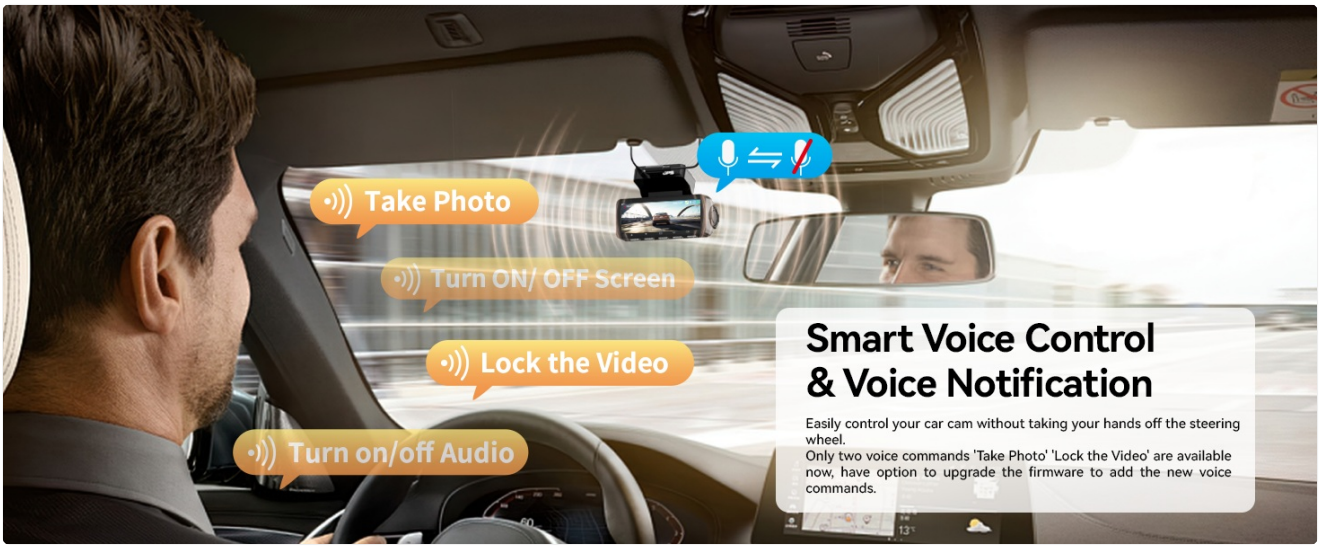


Figure 6: Smart Voice Control for hands-free operation.

24-Hour Parking Monitoring

The D2 Pro offers two parking modes for continuous surveillance when your vehicle is parked. A hardwire kit (sold separately, ASIN B0BG5LZP2M) is required to utilize these features.

- **Collision Detection Mode (G-sensor)**: The dash cam automatically activates and records a 30-second emergency video if it detects a collision while parked.

- **Time-Lapse Recording Mode**: Records continuously at a low frame rate, compressing long periods into shorter videos, ideal for extended parking surveillance.



Figure 7: Two parking modes for enhanced vehicle security.

Emergency Video Locking

Important footage can be secured in two ways:

1. **Automatic Locking**: The built-in G-sensor automatically locks footage upon detecting sudden impacts or collisions.
2. **Voice Control**: Manually lock videos by saying "Lock the Video". These files are saved in a dedicated emergency folder and will not be overwritten by loop recording.

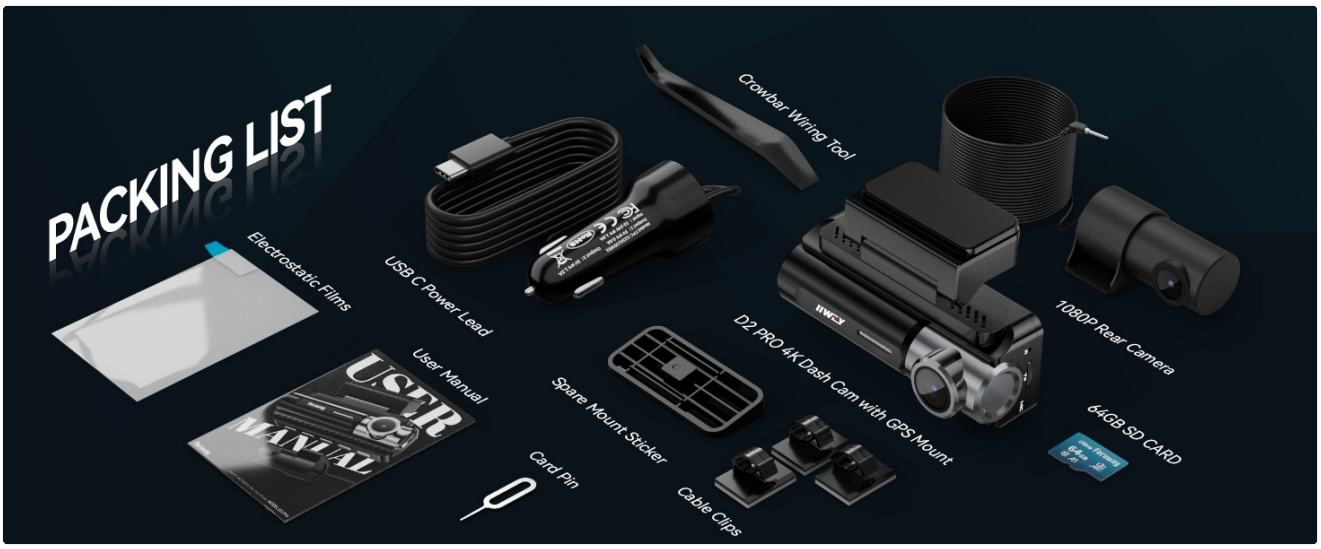


Figure 8: Methods for securing emergency video footage.

WiFi Connection & App Usage

The D2 Pro features 5GHz WiFi for faster and smoother connectivity. Download the free IIWEY app on your smartphone (available on Google Play and App Store) to:

- Live preview recordings.
- Download videos to your local album.
- Share your journeys on social media.
- View real-time GPS tracking data.



Figure 9: Faster 5GHz WiFi for seamless app integration.

Features Deep Dive

4K Ultra HD Dual Lens Recording

Equipped with a Sony STARVIS sensor, the D2 Pro delivers crystal-clear 4K (3840*2160p) resolution for the front camera and full HD 1080P for the rear camera. This ensures vital details like license plates and road signs are captured with exceptional clarity.



Figure 10: Ultra HD recordings from both front and rear cameras.

New 3.39" IPS Display

The larger IPS HD screen provides an enhanced video playback experience with richer colors and optimized images, faithfully reproducing real-world scenes.

Built-in GPS Tracking

The integrated GPS module records your vehicle's speed, driving route, and real-time latitude and longitude. This data can be viewed on the companion app or played back on your PC using the free GPSplayer software.



Figure 11: GPS tracking data viewable on mobile and desktop.

Superb Night Vision

The advanced Sony STARVIS sensor, combined with an improved f/1.5 large aperture lens and WDR/HDR technology, significantly enhances the dash camera's night vision capabilities. This ensures excellent visibility and clear capture of details, even in low-light conditions.

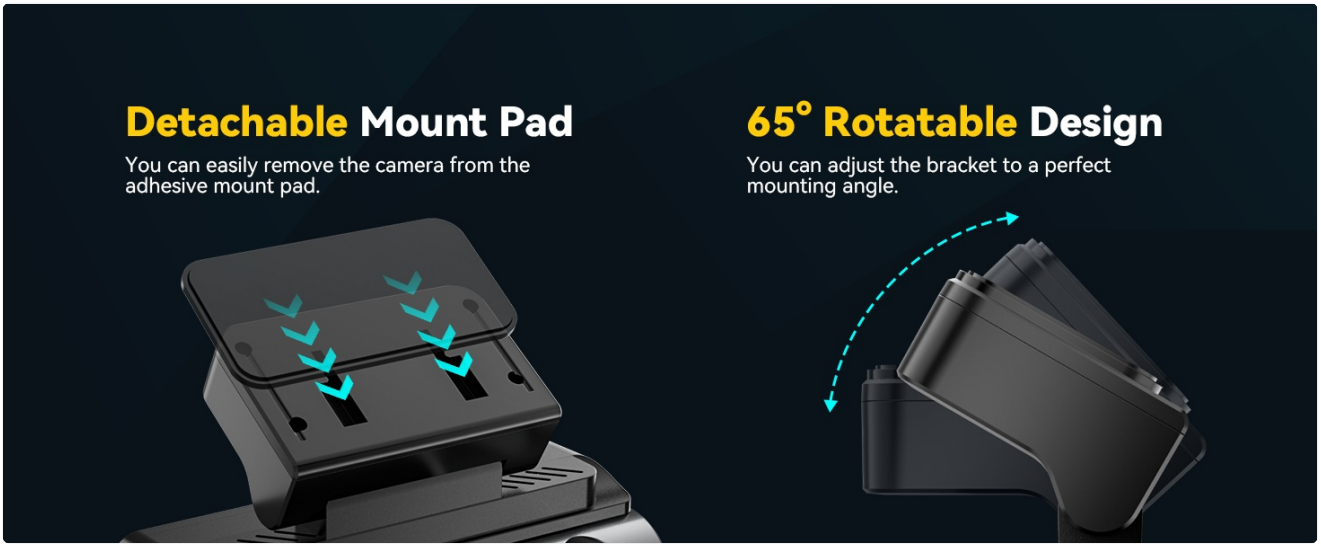


Figure 12: Enhanced night vision technology for clear recordings in the dark.

Supercapacitor for Durability

The D2 Pro utilizes a supercapacitor instead of a traditional lithium battery. Supercapacitors offer superior heat resistance, longer lifespan, and enhanced safety, making them ideal for automotive environments with extreme temperature fluctuations.



Figure 13: Supercapacitor benefits for extreme weather and longer life.

Maintenance

SD Card Formatting

To ensure optimal recording performance and prevent data corruption, it is recommended to format the SD card regularly (e.g., once a month) using the dash cam's menu settings. This will erase all data on the card, so back up any important files beforehand.

Cleaning the Lenses

Gently wipe the front and rear camera lenses with a soft, lint-free cloth to remove dust or smudges. Avoid using abrasive cleaners that could scratch the lens surface.

Firmware Updates

Periodically check the IIWEY official website or app for available firmware updates. Keeping your dash cam's firmware up-to-date ensures you have the latest features and performance improvements.

Troubleshooting

Problem	Possible Cause	Solution
Dash cam not turning on.	No power supply; loose connection.	Check car charger connection; ensure vehicle's cigarette lighter socket is working.
Recording stops or freezes.	SD card full or corrupted; low-quality SD card.	Format SD card; use a high-speed (Class 10 or U3) SD card.
GPS signal not found.	Poor satellite reception; dash cam not mounted correctly.	Ensure dash cam has a clear view of the sky; wait for signal acquisition.
WiFi connection issues.	Incorrect password; interference.	Re-enter WiFi password; ensure no other devices are interfering.
Voice control not responding.	Loud background noise; unclear pronunciation.	Speak clearly and directly to the dash cam; reduce cabin noise.

Specifications

Feature	Detail
Model Name	D2Pro
Video Capture Resolution	Front: 4K (3840*2160p), Rear: 1080P
Display Screen	3.39" IPS Screen
Connectivity Technology	5GHz Wi-Fi
Special Features	Night Vision (Sony STARVIS, f/1.5, WDR/HDR), Voice Control, Built-in GPS, 24H Parking Monitor
Power Source	Supercapacitor
Storage	Supports up to 128GB SD card (64GB included)
Mounting Type	Adhesive Mount
Product Dimensions	3 x 9.5 x 3.8 cm; 490 g
Included Components	Cable Clip, User Manual, etc.

Product Video Overview

Watch this official video for a visual guide to the IIWEY D2 Pro Dash Cam's key features and operation.

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Video 1: IIWEY 4K Dual Dash Cam D2Pro Model overview.

Warranty and Support

IIWEY offers a 12-month worry-free service on every D2 Pro Dash Cam. If you encounter any issues or require assistance, please reach out to our dedicated customer service team. You can typically contact us via Amazon message or email, and we are committed to responding promptly within 24 hours to provide the support you need.

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