IROAD X9

IROAD X9 Dual Channel Dash Camera User Manual

Model: IROAD X9

Introduction   Product Overview   Setup   Operation   Maintenance   Troubleshooting   Specifications
Warranty & Support

1. INTRODUCTION

Thank you for purchasing the IROAD X9 Dual Channel Dash Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your device. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize its features. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1 Package Contents

The IROAD X9 package includes the following components:

- Main Unit (Front Camera) x1
- Rear Camera x1
- Wi-Fi Dongle x1
- Front/Rear Camera Connection Cable (approx. 6m) x1
- Camera Mounting Double-Sided Tape x1
- External GPS Module x1
- Constant Power Cable x1
- microSD Card (32GB/Class 10) x1
- OBDII Power Cable (for gasoline vehicles) x1
- Instruction Manual (with 1-year warranty) x1

付属品

フロントカメラ (Wi-Fiドングル含め)	リアカメラ	カメラケーブル (約 6m)	MicroSDカード(32GB)
常時電源ケーブル	シガー電源ケーブル	取扱説明書 &保証書	本体／リアカメラ取付用 両面テープ

(別売)オプション

OBDII電源ケーブル	カメラケーブル (約 9m)

Image: IROAD X9 package contents including front camera, rear camera, cables, GPS, Wi-Fi dongle, microSD card, and manual.

2.2 Product Components and Dimensions

Familiarize yourself with the main unit and its various parts.

Image: Diagram showing the IROAD X9 front camera with labels for Cradle, Security LED, Camera Lens, REC LED, GPS LED, GPS Connector, Rear Camera Connector, DC-IN, WiFi Registration Button, Power Button, and WiFi USB Slot. Dimensions are also indicated.

- **Main Unit (Front Camera):** Records front view.
- **Rear Camera:** Records rear view.

- **Security LED:** Indicates recording status.
- **REC LED:** Indicates recording operation.
- **GPS LED:** Indicates GPS signal reception.
- **Power Button:** To turn the device ON/OFF.
- **Wi-Fi Registration Button:** For connecting to the smartphone app.
- **DC-IN:** Power input port.
- **Rear Camera Connector:** Connects the rear camera.
- **GPS Connector:** Connects the external GPS module.
- **Wi-Fi USB Slot:** For the Wi-Fi dongle.

2.3 Key Features

- **Dual Channel Full HD Recording:** Records front and rear views in 1080P Full HD resolution.
- **High-Quality Sensors:** Equipped with SONY STARVIS sensor for the front camera and SONY Exmor sensor for the rear camera, ensuring clear video quality even in low light.
- **Parking Surveillance Mode:** Advanced parking monitoring features including motion detection, impact detection, time-lapse recording, and Low Battery Protection (LBP).
- **Wi-Fi Connectivity & Smartphone App:** Easily control settings, view live footage, playback recordings, and download files via the dedicated IROAD smartphone app.
- **External GPS:** Records location and speed information, viewable via the PC Viewer.
- **Format-Free Technology:** Reduces the need for frequent manual SD card formatting.
- **Wide Viewing Angles:** Front 150° and Rear 145° for comprehensive coverage.
- **LED Signal Compatibility:** Designed to minimize flicker issues with LED traffic lights in various regions.

1080P FULL HD 画質
SONY STARVIS SENSOR

IROAD ドライブレコーダー *X9*
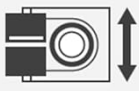
フロント&リア 2カメラ	フロント＆リア FHD	フロント SONY STARVIS	リア SONY Exmor	自動暗所検知 ナイトビジョン	Wi-Fi連動 ＆IROADアプリ
レンズ回転 90°	フロント - 150° リア - 145°	フロント＆リア 30FPS	LBP バッテリー上がり防止 低電圧 自動電源遮断	SDカード自動復旧 フォーマット不要	位置＆速度情報 外付GPSアンテナ

Image: Visual summary of IROAD X9 features including dual cameras, FHD resolution, SONY STARVIS/Exmor sensors, night vision, Wi-Fi app, lens rotation, wide angles, 30FPS, LBP, format-free, and GPS.
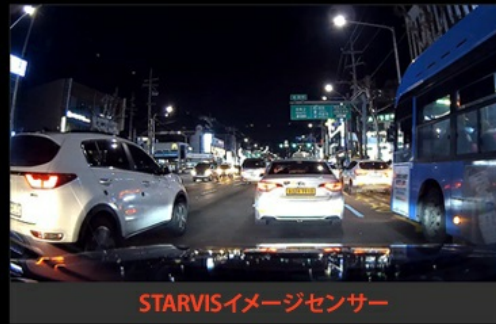
Image: Comparison of night vision quality between a standard image sensor and the IROAD X9's STARVIS sensor, showing superior clarity in low-light conditions.

3. SETUP AND INSTALLATION

3.1 Preparing for Installation

- Ensure the vehicle's engine is off before beginning installation.
- Clean the windshield area where the dash camera will be mounted.
- Insert the microSD card into the main unit.

3.2 Main Unit (Front Camera) Installation

1. Attach the double-sided tape to the camera cradle.
2. Mount the main unit on the center of the front windshield, ensuring a clear view of the road.
3. Adjust the camera angle to capture the desired field of view.

3.3 Rear Camera Installation

1. Attach double-sided tape to the rear camera.
2. Mount the rear camera on the rear windshield, ensuring a clear view.
3. Connect the rear camera to the main unit using the provided rear camera cable. Route the cable neatly along the vehicle's interior trim.

3.4 Power Connection

The IROAD X9 supports constant power connection for parking surveillance. The OBDII power cable simplifies this process for compatible vehicles.

1. Locate your vehicle's OBDII connector, typically under the dashboard on the driver's side.
2. Connect the IROAD OBDII power cable to the OBDII port.

3. Connect the other end of the OBDII power cable to the DC-IN port of the main unit.

簡単な常時電源

IROAD
OBDII 電源ケーブル

STEP 1
OBDII コネクターを
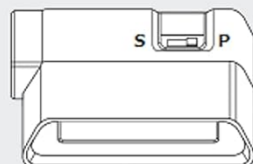探します。

STEP 2
OBDII 電源ケーブルを
取付けてください。

STEP 3
OBDII 電源ケーブルを
ドライブレコーダーに
接続してください。

故障安心の
2PIN 構成

S：エンジン稼働中のみ録画（走行録画）

P：エンジン停止中にも録画（常時・駐車録画）

Image: Three-step guide for connecting the OBDII power cable: 1) Locate OBDII connector, 2) Connect OBDII power cable, 3) Connect to dash camera. Also shows the OBDII connector pinout and explains 'S' for engine running recording and 'P' for parking recording.

Note: The OBDII power cable allows for both continuous recording while the engine is running ('S' mode) and parking recording when the engine is off ('P' mode). If your vehicle does not have an OBDII port or you prefer a different power source, use the included constant power cable and follow professional installation guidelines.

3.5 GPS Module Installation

- Connect the external GPS module to the GPS Connector on the main unit.
- Mount the GPS module on the windshield or dashboard in a location with a clear view of the sky for optimal signal reception.

3.6 Wi-Fi Dongle Installation

- Insert the Wi-Fi dongle into the Wi-Fi USB Slot on the main unit. This enables wireless connection to your smartphone.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- The device will automatically power on and begin recording when the vehicle's ignition is turned on (or when power is supplied).
- To manually power off, press and hold the Power Button.

4.2 Recording Modes

The IROAD X9 supports various recording modes:

- **Continuous Recording:** Records continuously while driving. Older files are automatically overwritten by new ones.
- **Event Recording:** Automatically records when an impact is detected (e.g., collision). These files are protected from overwriting.
- **Parking Recording:** Activates when the vehicle is parked and the ignition is off. Includes motion detection and impact detection. Time-lapse recording is also available for extended parking surveillance.

駐車モード	一般	タイムラプス
容量	32GB	32GB
フレームレート	10fps	1・10fps
録画時間	約7時間	約24時間

Image: Illustrates time-lapse parking recording, showing how it extends recording duration significantly compared to normal parking mode for the same SD card capacity.

4.3 Smartphone App Usage

The IROAD app allows for convenient control and management of your dash camera.

1. Download the "IROAD" app from your smartphone's app store.
2. Turn on the IROAD X9 dash camera.
3. Enable Wi-Fi on your smartphone and connect to the IROAD X9's Wi-Fi network (SSID and password can be found on the device or in the manual).
4. Open the IROAD app. You can now:

   - View live footage from both front and rear cameras.
   - Adjust device settings (e.g., recording resolution, parking mode sensitivity, voice guidance language).
   - Playback recorded videos.
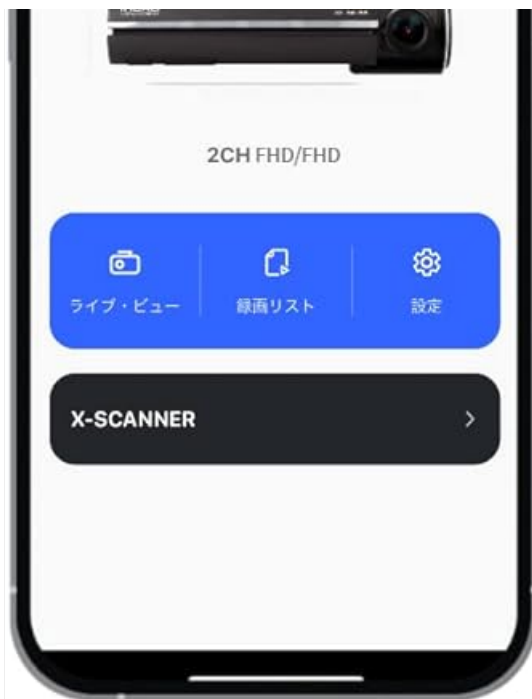   - Download important video files to your smartphone.

Image: Screenshots of the IROAD smartphone app, showing the main menu, device settings, recording settings, and video playback/download interface.

Image: Diagram illustrating the easy Wi-Fi connection process between the IROAD X9 dash camera and a smartphone for app control.

4.4 PC Viewer Software

For detailed video analysis and management, use the IROAD PC Viewer software.

- Download the IROAD PC Viewer from the official IROAD website.
- Insert the microSD card from the dash camera into your computer using a card reader.
- Open the PC Viewer software to playback videos, view GPS data (speed, location), and manage settings.
- Compatible with Windows 7 / Mac 10.7 64bit or higher.

Image: Screenshot of the IROAD PC Viewer software, showing video playback, map view with GPS data, and various control options.

5. MAINTENANCE

5.1 microSD Card Management

- The IROAD X9 features format-free technology, reducing the need for frequent manual formatting. However, it is recommended to format the microSD card periodically (e.g., once a month) to maintain optimal performance and prevent data corruption.
- Always power off the dash camera before removing or inserting the microSD card to prevent damage.
- Use high-quality, genuine microSD cards (Class 10 or higher) for reliable recording. The device supports capacities from 32GB to 512GB.

Image: Illustrates support for large capacity microSD cards, ranging from 32GB up to 512GB.

5.2 Cleaning the Device

- Wipe the camera lenses with a soft, lint-free cloth to ensure clear video quality.
- Clean the main unit's exterior with a dry or slightly damp cloth. Avoid using harsh chemicals.

5.3 Firmware Updates

- Periodically check the official IROAD website for firmware updates. Updates can improve performance, add features, or fix bugs.
- Follow the instructions provided with the firmware update carefully.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply or faulty connection.	Check power cable connection. Ensure vehicle ignition is on or constant power is supplied. Test with a different power source if possible.
Recording is not starting.	microSD card issue or device malfunction.	Ensure microSD card is inserted correctly. Format the microSD card. Try a different microSD card.
Wi-Fi connection fails.	Incorrect Wi-Fi settings or dongle issue.	Ensure Wi-Fi dongle is properly inserted. Verify Wi-Fi SSID and password. Restart the dash camera and smartphone.
GPS signal not acquired.	GPS module not connected or poor signal.	Ensure GPS module is connected and mounted in a clear location. Wait a few minutes for signal acquisition.
Video quality is poor or blurry.	Dirty lens or protective film.	Clean the camera lenses. Remove any protective film from the lenses.
Voice guidance language changed unexpectedly.	Possible firmware issue or accidental setting change.	Check language settings in the IROAD app. If the issue persists, consider a firmware update or factory reset.

6.1 Low Battery Protection (LBP)

The IROAD X9 features Low Battery Protection (LBP) to prevent your vehicle's battery from draining during parking

surveillance. If the vehicle battery voltage drops below a set threshold, the dash camera will automatically power off.

Image: Illustrates the LBP (Low Battery Protection) feature, designed to prevent vehicle battery discharge during parking mode.

7. SPECIFICATIONS

Feature	Detail
Model Name	IROAD X9
Video Resolution	Front: 1080P Full HD (30fps), Rear: 1080P Full HD (30fps)
Image Sensor	Front: SONY STARVIS, Rear: SONY Exmor
Viewing Angle	Front: 150°, Rear: 145°
Display	Monitor-less (App-based viewing and control)
Wi-Fi	Built-in (via Wi-Fi dongle) for smartphone app connection
GPS	External GPS module included
Storage	microSD card (32GB included, supports up to 512GB)
Recording Modes	Continuous, Event (Impact), Parking (Motion/Impact/Time-lapse)
Special Features	Low Battery Protection (LBP), Format-Free, Night Vision, LED Signal Compatibility
Power Input	DC 12V-24V
Dimensions (Main Unit)	12.5 x 4.5 x 3 cm (approx.)
Operating Temperature	-20°C to 70°C (-4°F to 158°F)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The IROAD X9 Dash Camera comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or natural

disapters.

The microSD card included with the product typically has a shorter warranty period due to its consumable nature. Please refer to the specific warranty terms provided with your product documentation.
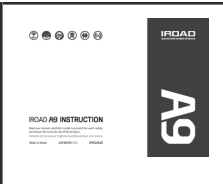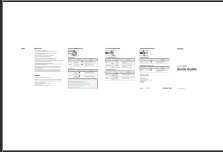
8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact IROAD customer support. You can find contact information on the official IROAD website or through the retailer where you purchased the product. Before contacting support, please have your product model (IROAD X9) and purchase details ready. Reviewing the troubleshooting section of this manual may resolve common issues.
Official IROAD Website: https://www.iroad.kr/en/ (Please check for regional websites for specific support contacts).

9. PRODUCT VIDEOS

No official product videos from the seller were provided in the product data for embedding in this manual.

Related Documents - X9

	[IROAD A9 Instruction Manual: Comprehensive Guide to Your Vehicle Recorder](#) Detailed instructions and specifications for the IROAD A9 vehicle recorder. Learn about installation, operation, features like Wi-Fi connectivity, SONY Exmor R sensor, and troubleshooting.
	[IROAD TX11 Dashcam: Quick Start Guide and Specifications](#) Comprehensive quick start guide for the IROAD TX11 dashcam, covering specifications, installation, mobile app usage, PC viewer, and precautions. Features Sony STARVIS2 sensor and QUAD HD recording.
	[IROAD X11 Dash Cam Quick Guide](#) A quick guide to the IROAD X11 dash cam, covering its features, specifications, button operations, mobile app usage, and PC viewer.
	[IROAD X10 PRO Quick Start Guide](#) A concise guide to getting started with the IROAD X10 PRO dash cam, covering setup, features, and mobile app connectivity.

IROAD IROAD **X6** **Quick Start** Ver. V01.00.0 . 2023	[IROAD X6 Quick Start Guide](#) This document provides a quick start guide for the IROAD X6 dashcam, covering setup, precautions, specifications, and mobile app usage.
IROAD IROAD X5 USER GUIDE	[IROAD X5 User Guide: Comprehensive Manual for Your Vehicle Recorder](#) Explore the IROAD X5 User Guide for detailed instructions on installation, operation, and features of this advanced vehicle recorder. Learn about product overview, specifications, and troubleshooting.