

## ASLONG AS-YY-DashCam-4CH-X400CARPLAY-SEP

# ASLONG 10.36" Wireless CarPlay Screen and 4K 4CH Dash Cam User Manual

Model: AS-YY-DashCam-4CH-X400CARPLAY-SEP

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ASLONG 10.36-inch Wireless CarPlay Screen and 4K 4-Channel Dash Cam system. This system integrates a portable touchscreen display with advanced features such as Wireless CarPlay, Android Auto, 4K dash camera recording, and a 4-channel camera system for enhanced vehicle monitoring and navigation. Please read this manual thoroughly before use to ensure proper functionality and safety.

## 2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 10.36 Inch Monitor x1
- Camera x4 (Includes 4K front/side cameras and 1080P rear camera)
- Camera extension cable x4 (Three 5M cables for side/front cameras, one 20M cable for the back camera)
- Power Cord x1
- Bracket x1
- 128GB TF Card x1

# What's in the box?



Image: Package contents including the 10.36-inch monitor, four cameras, various cables, mounting bracket, and a 128GB TF card.

## 3. PRODUCT OVERVIEW

The ASLONG Wireless CarPlay Screen and Dash Cam system offers a comprehensive solution for in-vehicle entertainment, navigation, and safety. Key features include:

- **10.36" HD Touchscreen Monitor:** Provides a clear interface for all functions, supporting quad view display for up to four camera inputs simultaneously.
- **4K 4-Channel Dash Cam:** Records video from four cameras (front, rear, two side views) for a 360° monitoring perspective. Features include loop recording and local playback.
- **Wireless CarPlay & Android Auto:** Seamlessly integrates with your smartphone for navigation, music, calls, and voice control (Siri/Google Assistant).
- **Mirror Link Function:** Supports mirroring of iOS and Android smartphone screens to the monitor, including 1080P video playback.
- **Real-time GPS Navigation:** Projects smartphone navigation apps (e.g., Google Maps, Waze) onto the screen.

- **Multiple Audio Output Modes:** Built-in speaker, Bluetooth connection, and FM transmission to car audio system.
- **Super Night Vision & Wide View Angle:** High-definition cameras with 170° wide viewing angle and enhanced low-light performance.
- **Flexible Vehicle Compatibility:** Designed for a wide range of vehicles including cars, trucks, buses, RVs, and trailers (9-36V DC power).
- **Parking Monitoring:** Additional safety feature for monitoring when parked.



Image: Overview of the ASLONG 10.36-inch monitor and its accompanying four cameras, illustrating the complete system.

## 4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your ASLONG system. It is recommended to have this system installed by an experienced professional, especially for complex wiring.

### 4.1 Power Connection

- The system is powered directly by your vehicle's electrical system (9-36V DC).
- **Important:** The installation fuse box must be rated for **20A or higher**.
- The system is designed for automatic power-on with vehicle ignition, initiating recording without delay.

## 4.2 Camera Installation and Wiring

The system uses a wired camera setup to ensure stable signal transmission. Each camera connects to the monitor via an extension cable.

- Connect the front, rear, and two side cameras to the corresponding inputs on the monitor's wiring harness.
- The rear camera uses a 20M extension cable, while the front and side cameras use 5M cables.
- **Trigger Wires:** Connect the trigger wires for automatic camera switching:
  - **Green Wire (CH2TRIG):** Connect to the vehicle's reversing lights for automatic rear view display when reversing.
  - **Blue Wire (CH3TRIG):** Connect to the left turn signal light for automatic left camera display.
  - **Grey Wire (CH4TRIG):** Connect to the right turn signal light for automatic right camera display.



Image: Detailed wiring diagram illustrating how to connect the four cameras and the main monitor to the vehicle's power supply and trigger lines.



- Ensure your phone's Bluetooth and Wi-Fi are enabled.
- Select the CarPlay or Android Auto option on the monitor and follow the on-screen prompts to connect your device.
- Use Siri or Google Assistant for voice control of functions like calls, music, and navigation.



Image: The monitor showing wireless CarPlay and Android Auto connectivity, along with the Mirror Link feature.



Image: Voice control functionality demonstrated with a phone call interface on the monitor, activated by voice commands.

## 5.2 Mirror Link



The Mirror Link feature allows you to project your smartphone screen directly onto the ASLONG monitor. This is useful for viewing content not natively supported by CarPlay/Android Auto, such as 1080P videos.

- Connect your smartphone using AirPlay (iOS) or Android Cast.
- Ensure a stable wireless connection for optimal performance.

### 5.3 GPS Navigation

Utilize your smartphone's GPS navigation applications (e.g., Google Maps, Waze) directly on the large 10.36-inch display via CarPlay or Android Auto. This provides real-time navigation and traffic updates.



Image: Real-time GPS navigation displayed on the ASLONG monitor, mirroring a smartphone's map application.

### 5.4 Audio Output Modes

The system offers three ways to output audio:

- **Built-in Speaker:** For direct audio output from the monitor.
- **Bluetooth Connection:** Connect to external Bluetooth speakers or your vehicle's Bluetooth audio system.

- **FM Transmission:** Transmit audio to your car's FM radio. Tune your car radio to the frequency displayed on the ASLONG monitor.



Image: Visual representation of the three available audio output modes: built-in speaker, FM transmission, and Bluetooth connectivity.

## 5.5 DVR Recording and Display

The integrated DVR function records footage from all four cameras to the included 128GB TF card. It supports seamless loop recording, ensuring continuous coverage without filling the disk.

- **Quad View Display:** The monitor can display video from all four cameras simultaneously, providing a 360° view around your vehicle.
- **Local Playback:** Recorded videos can be reviewed directly on the monitor.
- **Trigger Display:** The system automatically switches to the corresponding camera view when a turn signal is activated or when reversing.
- **Reversing Image Function:** Features an adjustable reversing line for precise parking and maneuvering.



# Four Camera



Four Recording



360° Viewing Angle



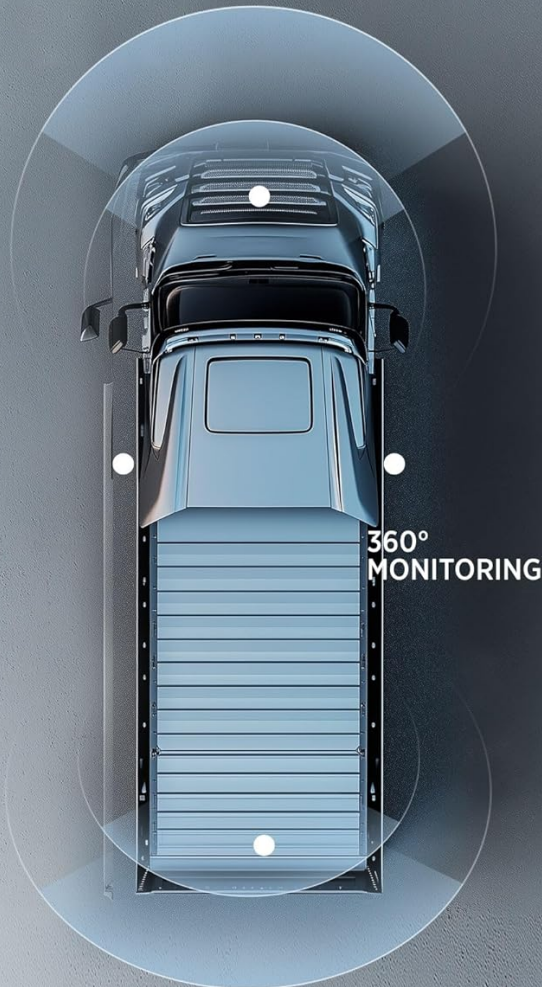
1080P Rear Camera

4K

4K Dash Cam



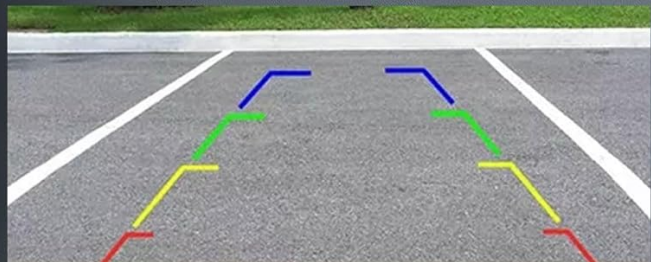
128 GB TF Card



360°  
MONITORING



4K FRONT AND REAR CAMERAS



ASTERN REARVIEW



NO MISSING SECONDS, NEVER FULL DISK.

Image: The monitor displaying a four-camera split screen, demonstrating 360-degree monitoring and rearview capabilities with parking lines.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and camera lenses. Avoid abrasive cleaners or solvents.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.
- **TF Card:** Format the 128GB TF card regularly (e.g., monthly) to maintain optimal recording performance and prevent data corruption.
- **Operating Temperature:** The system is designed to operate in temperatures from -20°C to 60°C. Avoid prolonged exposure to extreme temperatures outside this range.

## 7. TROUBLESHOOTING

- **System Not Powering On:** Ensure the fuse box for installation is rated at 20A or higher. Check all power

connections for proper seating.



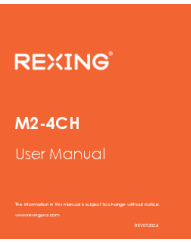
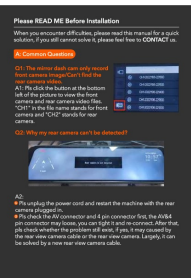

- **Poor FM Audio Quality:** FM transmission quality can be affected by local signal interference. Try adjusting the FM frequency on the monitor and your car radio. Consider using Bluetooth audio output as an alternative.
- **Monitor Unresponsive or Abnormal Sounds:** Disconnect power, wait a few minutes, and reconnect. If the issue persists, verify all connections and contact customer support.
- **TF Card Not Recognized/Recording Issues:** Ensure the 128GB TF card is properly inserted. Try formatting the card through the monitor's settings. If issues continue, try a different compatible TF card.
- **Camera Feed Issues (No Signal/Distorted Image):** Check the extension cables for secure connections and any visible damage. Ensure cameras are properly installed and aligned.
- **CarPlay/Android Auto Connection Problems:** Ensure your smartphone's Bluetooth and Wi-Fi are active. Restart your phone and the ASLONG system. Verify that your phone's operating system is up to date.

## 8. SPECIFICATIONS

Feature	Specification
Brand	ASLONG
Model	AS-YY-DashCam-4CH-X400CARPLAY-SEP
Screen Size	10.36 inches
Connectivity Technology	Wi-Fi (for Wireless CarPlay/Android Auto)
Video Capture Resolution	4K (Dash Cam), 1080p (Rear Camera)
Number of Cameras	4 (Front, Rear, Left Side, Right Side)
Field of View	170 Degrees
Vehicle Service Type	Car, Truck, Bus, Van, Motorhome
Operating Temperature	-20°C to 60°C
Power Voltage Range	9-36V DC
Included Storage	128GB TF Card (Max support 128GB)
Product Dimensions	16.54 x 11.02 x 4.13 inches
Item Weight	7.43 pounds

## 9. WARRANTY AND SUPPORT

ASLONG provides a **1-year warranty service** for this product. If you encounter any issues or require assistance, please contact ASLONG customer support. Refer to your purchase documentation for specific contact details.

 <p><b>TIESFONG</b></p> <p><b>User Manual</b></p> <p>Multi-Channel Dash Cam Dash Cam i7pro-WB</p> <p>Please read before using and keep it for future use.</p>	<p><a href="#">TIESFONG i7pro-WB Dash Cam User Manual: Features, Installation &amp; Operation</a></p> <p>Explore the TIESFONG i7pro-WB, a multi-channel dash camera system. This user manual provides comprehensive guidance on product features, installation, operation, radar parking monitoring, specifications, and FAQs for optimal vehicle safety.</p>
<p><b>User Manual</b></p> <p>4CH Carplay Android Auto Car DVR BSD Monitor</p>	<p><a href="#">4CH Carplay Android Auto Car DVR BSD Monitor User Manual</a></p> <p>Comprehensive user manual for the 4CH Carplay Android Auto Car DVR BSD Monitor, detailing product description, composition, parameters, wiring, installation, interface, settings, and button functions.</p>
 <p><b>Voice Command</b></p> <p><b>HUPEJOS V80</b></p> <p><b>360° DASH CAM</b></p>	<p><a href="#">HUPEJOS V80 360° Dash Cam User Manual - Installation, Operation, and Specifications</a></p> <p>A comprehensive guide to the HUPEJOS V80 360° Dash Cam, covering installation, voice commands, settings, specifications, and package contents. Learn how to use your dash cam effectively.</p>
 <p><b>REXING®</b></p> <p><b>M2-4CH</b></p> <p><b>User Manual</b></p>	<p><a href="#">Rexing M2-4CH Dash Cam User Manual</a></p> <p>Comprehensive user manual for the Rexing M2-4CH smart mirror dash cam, covering installation, basic operations, features like loop recording and G-sensor, parking monitor modes, and warranty information.</p>
 <p><b>Please READ ME Before Installation</b></p> <p>When you encounter difficulties, please read this manual for a quick solution. You will benefit a lot. Please feel free to CONTACT us.</p> <p><b>A. Common Questions</b></p> <p>Q1: The mirror dash cam only record the front camera (FWD) video?</p> <p>A1: Please check the button at the bottom left of this picture to view the front camera and rear camera video.</p> <p>Q2: Why the mirror dash cam has front camera and "QCD" records for rear camera?</p> <p>A2: If you plug the power cord and reset the machine with the rear camera plugged in.</p> <p>Q3: Dash for 4G connector and 4 pin connector. The 4 pin connector may burn, you can light it and re-connect. After that, do check whether the power is off now. If yes, it may caused by the rear wire connected with the rear view camera. Largely, it can be solved by a new rear view camera cable.</p>	<p><a href="#">WOLFBOS Mirror Dash Cam Troubleshooting Guide &amp; FAQs</a></p> <p>Comprehensive troubleshooting guide and frequently asked questions for the WOLFBOS mirror dash cam. Resolve issues with rear camera detection, screen freezing, battery drain, GPS, and installation. Find support contact information and product details.</p>
 <p><b>AZDOME</b></p> <p><b>PG17 Pro 4K+2.5K MIRROR DASH CAM</b></p> <p>AZDOME PG17 Pro (32G)</p>	<p><a href="#">AZDOME PG17 Pro 4K+2.5K Mirror Dash Cam User Manual</a></p> <p>An introduction and user manual for the AZDOME PG17 Pro mirror dash cam, detailing its features, installation, specifications, and operation. Learn how to use your 4K+2.5K dash cam for optimal performance.</p>