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> [AZDOME JYX02 Dash Cam Hardwire Kit User Manual](#)

AZDOME JYX02

AZDOME JYX02 Dash Cam Hardwire Kit User Manual

Model: JYX02

1. INTRODUCTION

The AZDOME JYX02 Dash Cam Hardwire Kit provides a continuous power supply to your dash camera, enabling 24/7 parking surveillance and protecting your vehicle's battery from discharge. This kit is designed for a wide range of vehicles and is compatible with various dash cam models that use a Mini USB power input.

2. PRODUCT FEATURES

- **Compatible with 12-24V Vehicles:** Connects directly to your vehicle's power system (car, truck, bus, SUV) for continuous power. Input: 12V-24V, Output: 5V/3A, Mini USB port.
- **24/7 Parking Surveillance:** Provides constant power for 24-hour/7-day surveillance when the car is off. Requires 'Parking Mode' to be enabled in the dashcam.
- **Power Supply Protection:** Built-in precise switching power supply module transforms 12V (or 24V) to 5V. Includes safeguards against excessive current and overheating.
- **High Compatibility:** Works with most car mini USB devices, including dash cams and mirror dash cams. Specifically designed for AZDOME PG02S, PG16, PG17, and other AZDOME models.
- **Easy Installation:** Connects to the car battery or fuse box power port, with simple wire routing.

3. PACKAGE CONTENTS

- 1 x AZDOME JYX02 Hardwire Kit (11.5ft cable)
- 4 Types Dual-Slot Fuse Holder (2 Sets)

4. COMPATIBILITY

The AZDOME JYX02 hardwire kit is compatible with vehicles operating on 12V-24V systems. It provides a 5V/3A output via a Mini USB port. Ensure your dash cam or device uses a Mini USB port for power. It is

compatible with AZDOME PG02S, PG16, PG17 mirror dash cams, and other AZDOME models, as well as general dashcams, mirror dashcams, radar detectors, and GPS navigation systems that utilize a Mini USB port.

Universal compatibility



Car Camera Hard-wire Kit
Model: JYX02

BAT + (yellow)
GND - (black)
ACC (red)

Input: B+/ACC DC 12-24V
Output: B+ DC 5V/3A

AZDOME
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Dashcam



Mirror Dashcam



Radar Detector



GPS Navigation

Right Angled Mini USB Port
5V/3A, 12V-24V





✗

Micro USB



✗

Type C



Image: Universal compatibility of the AZDOME JYX02 hardwire kit with various Mini USB devices.

5. SAFETY INFORMATION

This hardwire kit includes built-in protections against over-current, short-circuit, reverse connection, battery drain, and overheating. However, incorrect installation can lead to vehicle battery drain or damage. If you are unsure about the installation process, consult a professional automotive technician.



Image: Built-in protection features of the hardwire kit.

6. SETUP AND INSTALLATION GUIDE

Follow these steps for proper installation of your AZDOME JYX02 Hardwire Kit.

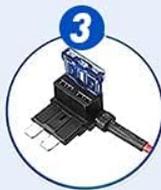
Easy Installation



1
Locate fuse box



2
Find the correct fuse slot of ACC / BAT(+) with circuit pen



3
Identify the correct type of fuse for car



4
Connect to Red, Yellow, Black cables



5
The black wire connect the metal (Negative Electrode)



6
Test dashcam and routing cables if works

Image: Overview of the easy installation process.

Step 1: Prepare the Fuse Tap

The kit includes 4 types of dual-slot fuse holders (ACZ, ACS, ACN, ACU) to match your vehicle's fuse box. Select the appropriate fuse type for your vehicle. Crimp the red wire of your hardwire kit onto the Add-A-Fuse connector.

4 Types Dual-Slot Fuse Holder (2 Sets)

Length:17cm/0.558ft



AZDOME Fuse Tap

Car Original Fuse Tap

Note: If wrong position, it will not feed power to the hardwire kit.



Image: Types of dual-slot fuse holders provided.

Crimp the red wire of your hardwire kit onto the Add-A-Fuse

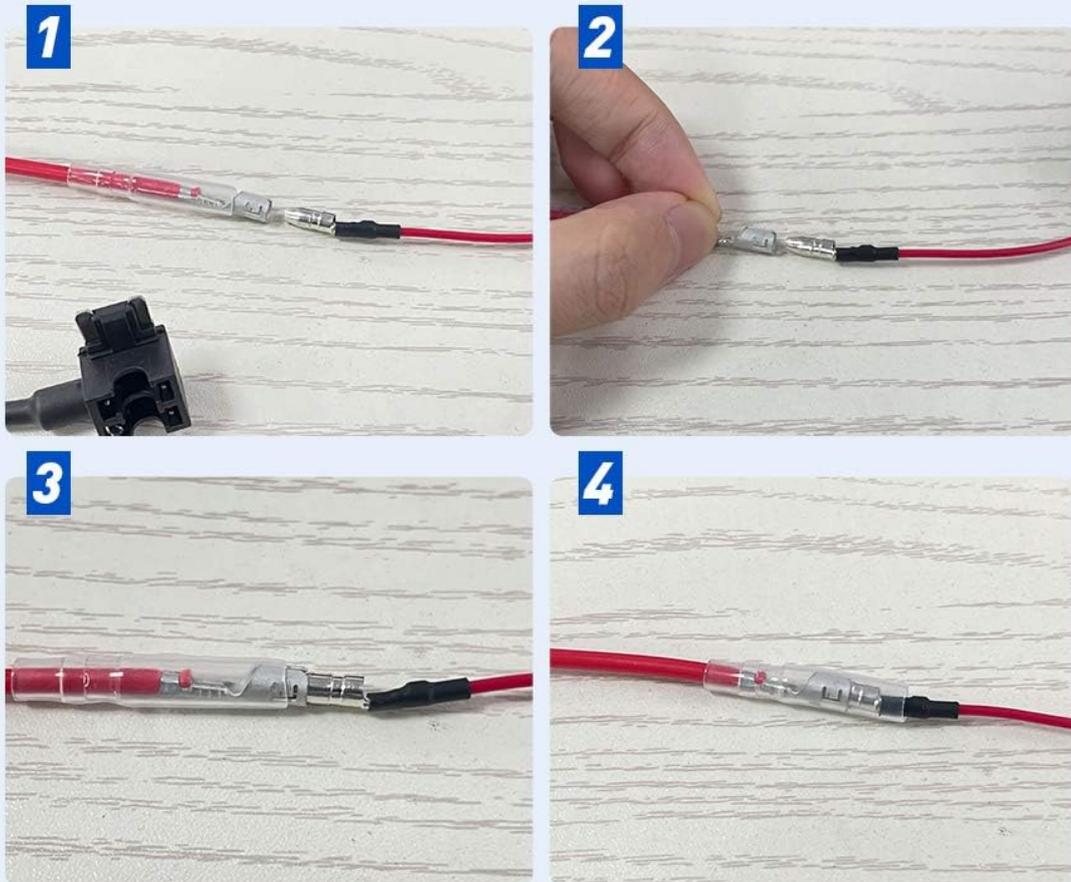


Image: Instructions for crimping the red wire onto the Add-A-Fuse.

Step 2: Locate the Fuse Box

Identify your vehicle's fuse box location. This is typically found under the dashboard, in the glove compartment, or under the hood. Consult your vehicle's owner's manual if you cannot locate it.

Step 3: Identify Fuse Slots

Using a circuit pen or multimeter, identify the following:

- **Constant Power Fuse Slot (BAT+):** This slot provides continuous power even when the ignition is off. This is for 24/7 parking monitoring.
- **Accessory Power Fuse Slot (ACC):** This slot receives power only when the vehicle's ignition is on.
- **Ground Point (GND):** A metal bolt or screw on the vehicle's chassis that provides a secure ground connection.

Step 4: Connect Wires

Connect the hardwire kit's wires to the identified points:

- Connect the **yellow wire (BAT+)** to the constant power fuse slot using the appropriate fuse tap.

- Connect the **red wire (ACC)** to the accessory power fuse slot using the appropriate fuse tap.
- Connect the **black wire (GND)** to a metal part of the car chassis for grounding.



Low Voltage Protection

AZDOME Hardwire Kit will monitor your voltage status. When minimum voltage cut-off is 11.6V DC for a 12V DC battery and 23.6V DC for a 24V DC battery, hardwire kit will cut off the power.

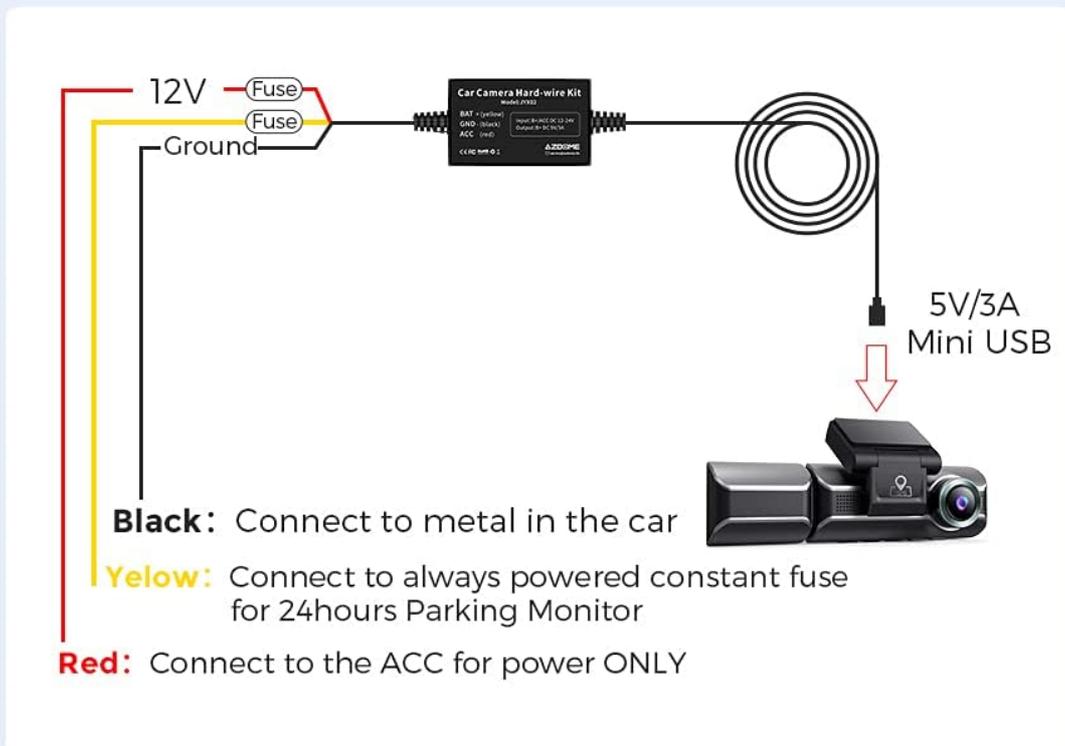


Image: Wiring diagram for the hardwire kit.

Step 5: Route the Cable

Carefully route the Mini USB cable from the fuse box to your dash cam's mounting location. Tuck the cable neatly along the vehicle's interior trim, such as the A-pillar or headliner, to keep it out of sight and secure.

Step 6: Connect to Dash Cam and Test

Plug the Mini USB connector into your dash cam. Start your vehicle to test if the dash cam powers on correctly. Turn off the vehicle and check if the parking mode activates (if enabled on your dash cam).

Low Voltage Protection

The hardwire kit features low voltage protection to prevent your vehicle's battery from draining completely. For a 12V DC battery, power will be cut off if the voltage drops below 11.6V DC. For a 24V DC battery, power will be cut off below 23.6V DC.

7. OPERATING INSTRUCTIONS

Once installed, the hardwire kit provides continuous power to your dash cam. To utilize 24/7 parking surveillance, ensure your dash cam's 'Parking Mode' feature is enabled. Refer to your dash cam's specific user manual for detailed instructions on activating and configuring parking mode settings.

8. MAINTENANCE

Periodically check all wire connections to ensure they remain secure. No other specific maintenance is required for the hardwire kit itself. Keep the fuse box area clean and free from debris.

9. TROUBLESHOOTING

- **Dash Cam Not Powering On:**

- Check all wire connections (BAT+, ACC, GND) to ensure they are secure and correctly connected.
- Verify that the correct fuse slots are used for constant power and accessory power.
- Ensure the fuse taps are correctly inserted and the fuses are not blown.
- Confirm your dash cam uses a Mini USB port and is compatible with 5V/3A input.

- **Vehicle Battery Drains:**

- Ensure the low voltage protection feature is functioning. The kit is designed to cut off power at 11.6V (12V system) or 23.6V (24V system).
- If the battery still drains, verify the BAT+ connection is to a truly constant power source and not an accessory power source that remains active for too long.
- Consider reducing the parking mode duration or sensitivity settings on your dash cam if available.

- **Parking Mode Not Activating:**

- Confirm that 'Parking Mode' is enabled in your dash cam's settings.
- Verify the yellow wire (BAT+) is connected to a constant power source.

10. SPECIFICATIONS

Input Voltage	DC 12V-24V
Output Voltage/Current	DC 5V/3A
Output Port Type	Mini USB
Cable Length	11.5 ft (3.5 meters)
Low Voltage Cut-off (12V System)	11.6V DC
Low Voltage Cut-off (24V System)	23.6V DC
Package Dimensions	5.08 x 3.62 x 2.13 inches
Item Weight	7.4 ounces
Included Components	Hardwire Kit, 4 Types Dual-Slot Fuse Holder (2 Sets)

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the AZDOME official website or contact AZDOME customer service directly. Keep your purchase receipt for warranty claims. AZDOME is committed to providing reliable products and customer assistance.