

EONON A0119J

EONON A0119J Backup Camera Instruction Manual

Model: A0119J

1. INTRODUCTION

Thank you for purchasing the EONON A0119J Backup Camera. This device is designed to enhance safety and convenience when reversing your vehicle by providing a clear view of the area behind your car. This manual provides essential information for proper installation, operation, and maintenance of your backup camera. Please read it thoroughly before use and retain it for future reference.



Image 1.1: The EONON A0119J Backup Camera unit. This compact camera is designed for discreet installation on your vehicle.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself and others:

- This product is designed for 12V vehicle electrical systems only. Do not connect to other voltage systems.
- Installation should be performed by a qualified professional if you are unfamiliar with automotive electrical systems.
- Ensure the vehicle's power is off before beginning installation to prevent electrical shock or damage.
- Always use caution when reversing, even with the backup camera. The camera is an aid and does not replace direct observation.
- Keep cables away from hot surfaces, moving parts, and sharp edges.
- Do not attempt to disassemble or modify the camera unit. This will void the warranty.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- EONON A0119J Backup Camera Unit
- Power Cable (1m)
- Video Cable (6m)
- Mounting Screws (2 pieces)
- Instruction Manual (Japanese, refer to this document for English)



Image 3.1: Illustration of the package contents and a basic wiring diagram for the EONON A0119J Backup Camera.

4. SETUP AND INSTALLATION

The EONON A0119J backup camera is designed for easy installation. However, professional installation is recommended if you are not experienced with car electronics.

4.1. Mounting the Camera

1. Choose a suitable location on the rear of your vehicle, typically above the license plate or near the trunk handle, ensuring a clear view.
2. Secure the camera unit using the provided mounting screws. The camera's small size (20mm x 18mm x 24mm) allows for discreet placement.

バック時のガイドライン表示機能対応



後方の死角を大幅減少できますので、建物、障害物との衝突を防止できます！

Image 4.1: The compact size of the EONON A0119J camera, shown next to a coin for scale, facilitating discreet installation.

4.2. Wiring Connections

Refer to the wiring diagram (Image 3.1) and the following steps:

1. Power Connection:

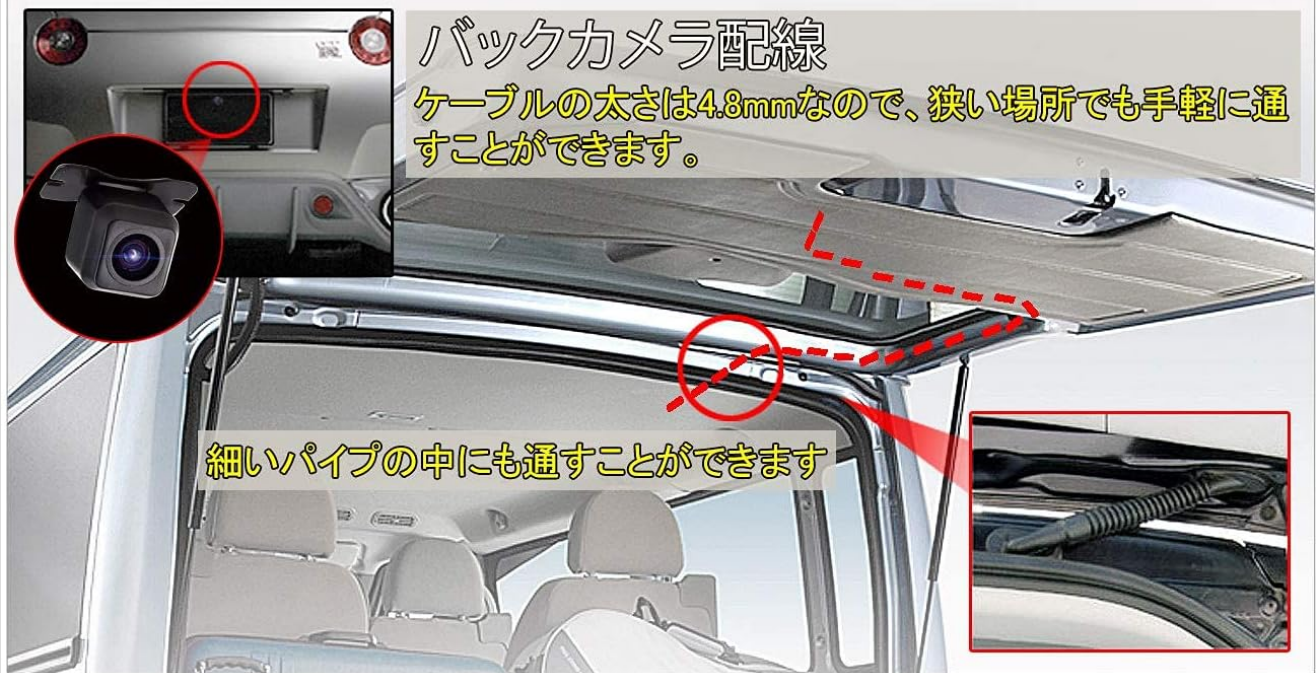
- Connect the **red wire (ACC cable)** of the power cable to the positive (+) terminal of your car's reverse light.
- Connect the **black wire (Ground)** to a suitable ground point on the vehicle chassis.

2. Video Signal Connection:

- Connect the **yellow RCA output terminal** of the camera to the video input terminal of your car navigation system or monitor.
- If your monitor has a reverse trigger input, connect the **red trigger wire** from the video cable to this input. If your monitor does not have a reverse trigger input, this wire can be left unconnected.

3. **Cable Routing:** Route all cables securely, avoiding sharp edges, moving parts, and heat sources. The video cable is approximately 6 meters long. If additional length is required, a backup camera extension cable must be purchased separately. Secure any unused cables to prevent interference.

取り付け簡単!



ケーブルの先端は直径**4.8mm**、長さは約**6m**です。



Image 4.2: Example of routing the camera cable through the vehicle. The slim cable (4.8mm diameter) allows for passage through narrow spaces.

5. OPERATING INSTRUCTIONS

The EONON A0119J Backup Camera operates automatically when the vehicle is put into reverse gear, provided it is correctly installed.

5.1. Automatic Activation

When you shift your vehicle into reverse, the camera will automatically power on and transmit video to your connected monitor or car navigation system.

5.2. Guideline Display

The camera features an integrated guideline display on the video feed to assist with parking and judging distance. These guidelines are fixed and cannot be disabled.

バック時のガイドライン表示機能対応

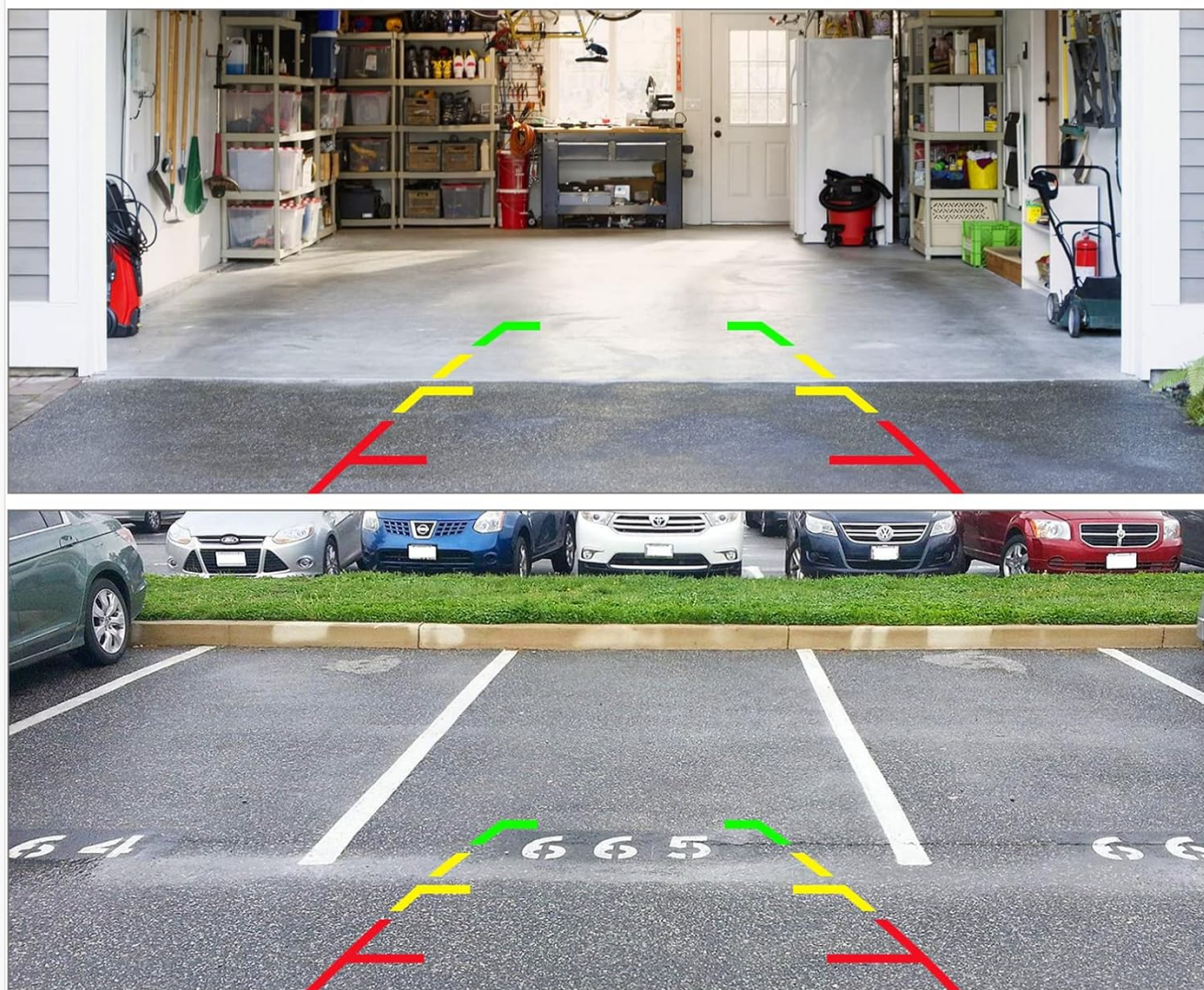


Image 5.1: The camera's guideline display function, showing colored lines to assist with parking maneuvers.

5.3. Mirror Image Function

The camera outputs a mirror image by default, which is standard for rear-view applications. Depending on your car navigation system or monitor, it may be possible to switch to a normal (non-mirror) image if desired.

5.4. Wide Angle View

The camera provides a wide-angle view (120° horizontal, 170° wide angle) to minimize blind spots behind the vehicle, helping to prevent collisions with objects or structures.

170度広角

後方の死角を大幅減少できますので、建物、障害物との衝突を防止できます



170°

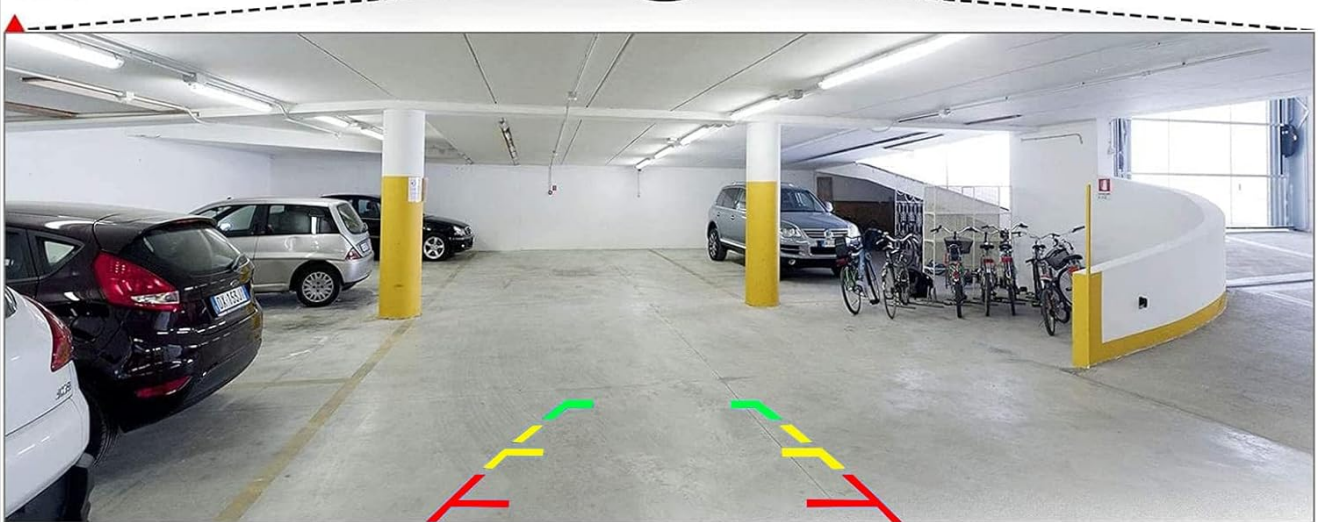


Image 5.2: An illustration demonstrating the wide 170-degree viewing angle of the camera, significantly reducing rear blind spots.

6. MAINTENANCE

To ensure optimal performance and longevity of your EONON A0119J Backup Camera, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check the camera's mounting and wiring connections to ensure they are secure and free from damage.
- **Waterproof/Dustproof:** The camera is rated IP68 for dust and water resistance, meaning it is protected against dust ingress and can withstand immersion in water up to 1.5 meters for 30 minutes. However, avoid high-pressure washing directly on the camera.

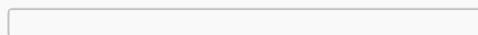


Image 6.1: The EONON A0119J camera demonstrating its IP68 waterproof and dustproof capabilities, ensuring durability in various weather conditions.

7. TROUBLESHOOTING

If you encounter issues with your EONON A0119J Backup Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor when reversing.	<ul style="list-style-type: none">Loose power or video connection.Incorrect wiring.Monitor input not selected.Faulty camera or cable.	<ul style="list-style-type: none">Check all power and video cable connections for tightness.Verify power and ground wires are connected correctly to the reverse light circuit.Ensure your monitor is set to the correct video input channel.Test with another video source or contact support if issues persist.
Image is blurry or unclear.	<ul style="list-style-type: none">Dirty camera lens.Low light conditions.Faulty camera.	<ul style="list-style-type: none">Clean the camera lens with a soft cloth.The camera has 360,000 pixels and 0.1 Lux minimum illumination for night vision, but extreme darkness may still affect clarity.Contact support if the issue persists after cleaning.
Image is reversed (not mirror image).	Monitor setting or specific car navigation system behavior.	The camera outputs a mirror image by default. Check your monitor or car navigation system settings for an option to flip the image if a normal view is desired.
Guidelines are not displayed.	The camera's guidelines are fixed and always displayed. If not visible, check video connection or camera functionality.	Ensure the video signal is correctly transmitted. If the guidelines are still absent, the camera unit may be faulty.
Cable length is insufficient.	Vehicle size requires longer cables.	Purchase a separate backup camera extension cable. The included video cable is 6 meters.

8. SPECIFICATIONS

Feature	Specification
Model Number	A0119J
Brand	EONON
Color	Black
Compatible Devices	Car navigation systems
Installation Type	Backup Camera

Feature	Specification
Voltage	12 Volts
Optical Sensor Technology	CMD
Total Pixels	360,000 pixels
Minimum Illumination	0.1 Lux
Lens Type	Wide Angle
Actual Angle of View	120° (Horizontal), 170° (Wide Angle)
Optical Sensor Size	1/3 inch
Product Dimensions (Camera Unit)	24mm (L) x 20mm (W) x 18mm (H)
Waterproof/Dustproof Rating	IP68
Mirror Image Output	Supported (Default)
Guideline Display	Supported (Fixed, cannot be disabled)

9. WARRANTY AND SUPPORT


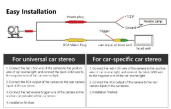




9.1. Warranty Information

The EONON A0119J Backup Camera typically comes with a 1-year manufacturer's warranty from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, modifications, or unauthorized repairs.

9.2. Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact EONON customer support through the retailer where you purchased the product or visit the official EONON website for contact information.



	<p>A0126N AHD Rear View Camera Installation and Specifications</p> <p>Detailed specifications and installation guide for the A0126N AHD Rear View Camera. Learn about its features, wiring, and troubleshooting.</p>
	<p>Easy Installation Guide: Car Backup Camera</p> <p>Comprehensive guide for installing a car backup camera, detailing connections for both universal and car-specific stereo systems. Includes wiring diagram explanation.</p>
	<p>Eonon P3 User Manual: Installation, Features, and Connectivity</p> <p>Comprehensive user manual for the Eonon P3 car multimedia player. Learn about installation, product features, connectivity options like Apple CarPlay and Android Auto, screen mirroring, and find solutions in the FAQ section.</p>
	<p>Eonon VWA12S User Manual: Features, Installation, and Operation Guide</p> <p>Comprehensive user manual for the Eonon VWA12S car infotainment system. Covers product overview, features like Wireless CarPlay and Android Auto, GPS navigation, Bluetooth, settings, and troubleshooting for your Eonon VWA12S car stereo.</p>
	<p>BMW 3 Series E46 Installation Manual - Eonon Head Unit</p> <p>Step-by-step installation guide for an Eonon head unit in a BMW 3 Series 1999-2004 (E46). Covers removal of factory components and installation of the new unit.</p>
	<p>Mazda 3 2004-2009 Eonon Head Unit Installation Manual</p> <p>Step-by-step installation guide for the Eonon head unit in a Mazda 3 (2004-2009 models). Covers removal of factory radio, installation of the new unit, and connecting accessories.</p>