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> SinSed HD 1280x720 Fisheye Rear View Camera for MK4 (1997-2005) Instruction Manual

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Model: SinSed HD 1280x720 Fisheye Rear View Camera

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SinSed HD 1280x720 Fisheye Rear View Camera. This camera is specifically designed for MK4 vehicles manufactured between 1997 and 2005, enhancing your vehicle's reverse parking capabilities with a clear, wide-angle view. Please read this manual thoroughly before installation and use to ensure proper function and safety.

PACKAGE CONTENTS

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

- SinSed HD Fisheye Rear View Camera
- 6-meter Video Cable (2-in-1 type)
- Power Filter
- Instruction Manual (this document)



Image: The main camera unit, a 2-in-1 video cable, and a power filter, illustrating the complete package contents.

SETUP AND INSTALLATION

This camera is designed for integration into the existing license plate light housing of MK4 vehicles (1997-2005). Professional installation is recommended.

1. Pre-Installation Check

- Ensure your vehicle is an MK4 model manufactured between 1997 and 2005.
- Turn off the vehicle's ignition and disconnect the battery to prevent electrical shorts.
- Gather necessary tools (e.g., screwdrivers, wire strippers, electrical tape).

2. Camera Placement

The camera unit is designed to replace one of the rear license plate lights. Carefully remove the existing license plate light assembly from your vehicle's rear bumper or trunk lid.



Image: Visual guide indicating the camera's dimensions (72.5mm length, 24mm height, 60mm mounting hole distance) and its intended fitment into a vehicle's license plate light slot.

Insert the SinSed camera unit into the vacant license plate light slot. Ensure it is securely fitted and oriented correctly for optimal rear view.

3. Wiring Connections

1. **Power Connection:** Connect the camera's power wire to your vehicle's reverse light circuit. This ensures the camera activates automatically when the vehicle is shifted into reverse.
2. **Power Filter Installation:** Integrate the provided power filter into the camera's power line. This filter helps stabilize the power supply and reduce signal interference, ensuring a clear image.
3. **Video Connection:** Route the 6-meter video cable from the camera to your vehicle's display unit (e.g., aftermarket head unit, dedicated monitor). Connect the yellow RCA connector from the camera cable to the video input of your display.
4. **Ground Connection:** Ensure the camera has a secure ground connection to the vehicle's chassis.



Image: A detailed view of the SinSed HD Fisheye Rear View Camera, highlighting its compact design and integrated lens.

4. Post-Installation Check

- Reconnect the vehicle's battery.
- Start the vehicle and shift into reverse. Verify that the camera image appears on your display.
- Check for any loose connections or exposed wiring.

OPERATION

The SinSed Rear View Camera operates automatically when your vehicle is put into reverse gear.

- **Automatic Activation:** When you shift your vehicle into reverse, the camera will automatically power on and transmit video to your connected display.
- **Fisheye Lens:** The fisheye lens provides a wide 140-degree viewing angle, minimizing blind spots and offering a comprehensive view of the area behind your vehicle.
- **Guiding Lines:** The camera output includes integrated guiding lines on the display, assisting with parking maneuvers and distance estimation.



Image: An overhead diagram showing a car with a 140-degree field of view emanating from its rear, demonstrating the wide coverage provided by the fisheye lens.

Always check your surroundings visually in addition to using the camera display when reversing.

MAINTENANCE

To ensure optimal performance and longevity of your SinSed Rear View Camera, follow these maintenance guidelines:

- **Cleaning the Lens:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots. Avoid abrasive cleaners that could scratch the lens.
- **Checking Connections:** Periodically inspect all wiring connections for corrosion or looseness. Secure any loose connections.
- **Water Resistance:** The camera is designed to be water-resistant. However, avoid directing high-pressure water jets directly at the camera during car washes.



Image: The SinSed Rear View Camera shown partially submerged in water, illustrating its water-resistant construction suitable for outdoor vehicle use.

TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on display when in reverse.	<ul style="list-style-type: none">• Loose power or video connection.• Incorrect wiring to reverse light.• Faulty camera or display unit.	<ul style="list-style-type: none">• Check all power and video cable connections.• Verify power connection to the reverse light circuit.• Test camera with another display or display with another video source if possible.

Problem	Possible Cause	Solution
Image is distorted, flickering, or unclear.	<ul style="list-style-type: none"> • Interference in power supply. • Dirty camera lens. • Loose video connection. 	<ul style="list-style-type: none"> • Ensure the power filter is correctly installed. • Clean the camera lens. • Check video cable connections.
Poor image quality at night.	<ul style="list-style-type: none"> • Insufficient ambient light. • Lens obstruction. 	<ul style="list-style-type: none"> • Ensure reverse lights are functioning correctly. • Clean the camera lens thoroughly.



Rainy day



Sunny day



Night

Image: Three comparative views from the camera, demonstrating its performance in varying light conditions: a clear view on a sunny day, a slightly reduced but functional view on a rainy day, and a visible image during nighttime.

SPECIFICATIONS

Model Name	SinSed HD 1280x720 Fisheye Rear View Camera
Application	MK4 Vehicles (1997-2005)
Resolution	1280 x 720 pixels
Viewing Angle	140-degree Fisheye
Guiding Line	Yes

Lens Material	Glass
Video Cable Length	6 meters
Shell Material	Plastic
Connectivity	Wired
Video Output	RCA Connector
Special Features	Includes Power Filter for stable operation, Water-resistant design



Image: An exploded diagram illustrating the multi-layered glass lens components of the camera, indicating its optical construction.

WARRANTY INFORMATION

Specific warranty details for the SinSed HD 1280x720 Fisheye Rear View Camera are not provided in this manual. For information regarding warranty coverage, terms, and conditions, please refer to the product packaging or contact the seller directly.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or encounter issues not covered in this manual, please contact the seller or manufacturer's customer service team for support. They can provide specialized assistance for your product.

For general inquiries, you may also refer to the product page on Amazon.ca: [Product Link](#)