

Furrion FOS07TASF

Furrion Vision S Wireless RV Backup Camera System

Model: FOS07TASF

1. INTRODUCTION

The Furrion Vision S Wireless RV Backup Camera System is designed to enhance safety and security for recreational vehicles, motorhomes, trucks, and trailers. This system provides a clear, wide-angle view of your surroundings, assisting with backing up, changing lanes, and monitoring your vehicle when parked. It features a high-resolution camera with night vision and a 7-inch anti-glare monitor for optimal visibility.

Included Components:

- 7-inch Touch Screen Anti-glare Monitor
- Wireless Camera (Sharkfin style)
- Windshield Stand
- Monitor Power Cable
- Camera Bracket
- Warranty Card
- Instruction Manual (this document)



Figure 1.1: Furrion Vision S Wireless RV Backup Camera System components.

2. SAFETY INFORMATION

READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR USING THE SYSTEM.

Always ensure your vehicle is parked safely and the ignition is off before performing any installation or maintenance. Exercise caution when working with electrical connections. This system is an aid to safe driving and parking; it does not replace the need for careful observation and adherence to all traffic laws.

3. SETUP AND INSTALLATION

3.1 Pre-Installation Check

Most RVs are prepped for the Vision S sharkfin camera system, which simplifies installation by eliminating extensive drilling. However, some late model towing vehicles may require a Furrion F2BC004XXBK power adapter for compatibility. Verify your vehicle's readiness before beginning installation.

3.2 Pairing the Camera and Monitor

Before permanent installation, it is recommended to pair the camera with the monitor. This process is straightforward:

1. Plug the monitor into a 12V cigarette lighter/adaptor in your vehicle.
2. Connect the camera to the split wire connection on the monitor's power cable.
3. Turn on the monitor. The system should automatically pair. If not, access the monitor's menu and select the pairing option.

3.3 Camera Installation

For RVs pre-wired with a sharkfin plate, the installation is simplified:

1. Remove the existing sharkfin plate from the rear of your RV.
2. Carefully remove the camera from its factory case.
3. Connect the camera to the pre-installed wiring within the RV's sharkfin housing.
4. Mount the camera into the RV's sharkfin housing using the provided screws. Ensure a secure fit.
5. Adjust the camera angle to your desired view. The camera is designed to hold its position firmly.

Important Note: For the camera to receive power, your vehicle's parking lights or headlights must be turned on, as many RVs are pre-wired through the marker lights.



Figure 3.1: Rear sharkfin camera installed on an RV.

3.4 Monitor Placement

The 7-inch monitor can be mounted using the included windshield stand. Choose a location on your dashboard or windshield that provides a clear view without obstructing your driving visibility.



Figure 3.2: Monitor mounted on a vehicle windshield.



Figure 3.3: The included monitor table stand.

4. OPERATING INSTRUCTIONS

4.1 Live View and Navigation

Once powered on and paired, the monitor will display a live feed from the camera. The system utilizes 2.4GHz proprietary wireless communication, ensuring a reliable digital connection with minimal lag. The camera provides a wide viewing angle of 120° and features intelligent IR cut filters for clear images in various lighting conditions.

- **Park Assist Marker Lines:** The monitor displays adjustable park assist marker lines to aid in precise maneuvering.
- **Multi-Camera Support:** The 7-inch monitor can display images from up to 4 cameras, providing comprehensive coverage around your vehicle. Additional cameras (e.g., Furrion Vision S 2 camera system FCE48TASL for side views) can be purchased separately.

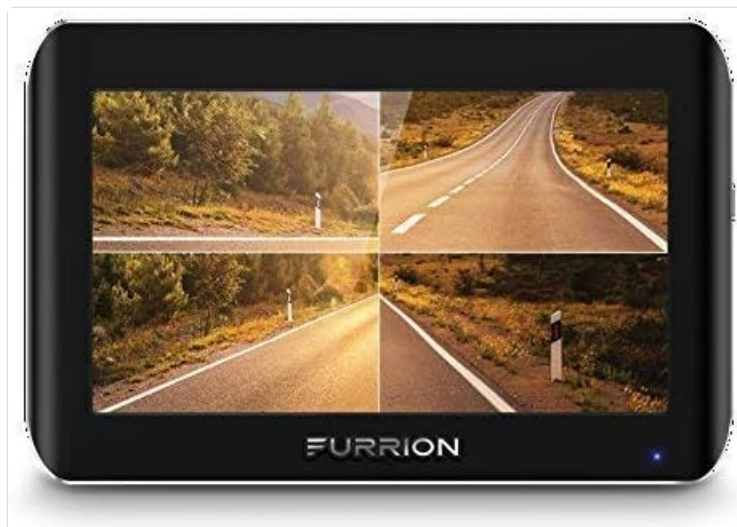


Figure 4.1: Monitor displaying a multi-camera view.



Figure 4.2: The system provides a clear view while driving.



Figure 4.3: Example of the monitor's view during travel.

4.2 Security Features

The camera can also be wired to function as a security system when your RV is parked. This feature helps enhance safety and peace of mind:

- **Motion Detection:** The camera features motion sensors that can automatically wake the display when movement is detected.
- **Audio Transmission:** The integrated microphone in the camera allows for audio transmission, which can be useful for parking guidance or monitoring surroundings.



Figure 4.4: Monitor can be used for security monitoring when parked.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Furrion Vision S system, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the monitor screen and camera lens. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **Camera Lens:** Keep the camera lens clear of dirt, dust, and debris for the best image quality.
- **Storage:** If storing the system for an extended period, ensure it is kept in a dry, temperate environment.

6. TROUBLESHOOTING

If you encounter issues with your Furrion Vision S system, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No image on monitor	No power to camera/monitor; Loose connection; Vehicle lights off	Ensure monitor is plugged in and powered on. Check all cable connections. Turn on vehicle's parking lights or headlights.
Poor image quality/signal loss	Interference; Obstruction; Distance	Ensure no large metal objects are blocking the signal path. Verify camera lens is clean. The system is tested for up to 100ft at high speeds and 492ft in open spaces.
Monitor glare	Direct sunlight	Adjust monitor angle or reposition to minimize direct sunlight. The monitor has anti-glare properties.
Camera not pairing	Incorrect pairing procedure	Repeat the pairing steps outlined in Section 3.2. Ensure both devices are powered during pairing.

If the problem persists after trying these solutions, please contact Furrion customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	FOS07TASF
Product Dimensions	7.4 x 1.2 x 4.9 inches (Monitor)
Item Weight	2.05 pounds
Display Technology	LCD
Screen Size	7 Inches
Camera Resolution	720 x 480 (High Resolution)
Video Capture Resolution	480p
Optical Sensor Technology	CMOS
Lens Type	Wide Angle (120° View Angle)
Special Features	Infrared Night Vision, Intelligent IR Cut Filter, IP65 Waterproof, Motion Detect, Blind Spot Turn Signal (optional)
Voltage	12 Volts
Color	Black
Installation Type	Dashboard Mount (for monitor)

8. WARRANTY AND SUPPORT

Your Furrion Vision S Wireless RV Backup Camera System comes with a warranty. Please refer to the included Warranty Card for specific terms and conditions. For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Furrion customer support.

Official User Manual (PDF): For a downloadable PDF version of the user manual, please visit:[Furrion Vision S User Manual PDF](#)

Furrion Brand Store: Explore other Furrion products and accessories at the official brand store[Furrion Store on Amazon](#)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How can I view the video feed from my Furrion FOS07TASF camera system on my home desktop computer?

The Furrion Vision S Wireless RV Backup Camera System (FOS07TASF) is designed as a closed, proprietary wireless system and does not natively support internet-based streaming or direct connection to a home desktop computer. Based...

[Read full answer](#)