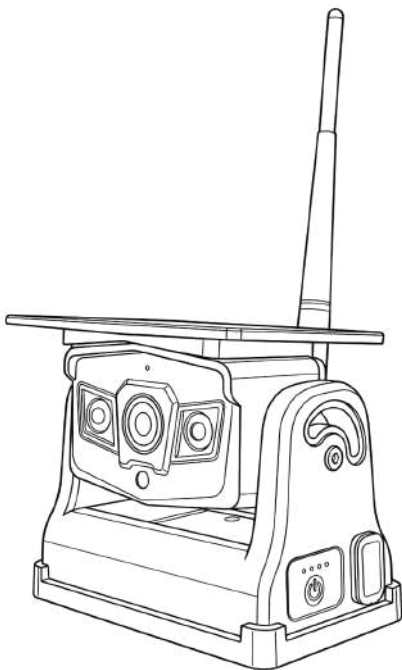


waggle

RV Observation System



User Manual

In the Box



7" Wireless Color LCD
Display & Camera



Wireless Antennas



Screw Kit for
Camera Installation



Thread knob for
Camera & Display



Waggle Camera
Mounting Bracket



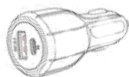
USB-C Camera Power
Cable



USB-A Display
Charger



Waggle Display
Mounting Bracket



Dual port Cigarette
Adapter



Adapter



Sunshade

Installation

SUPER-EASY 1-STEP INSTALLATION

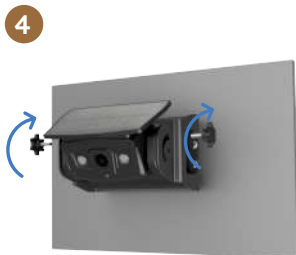
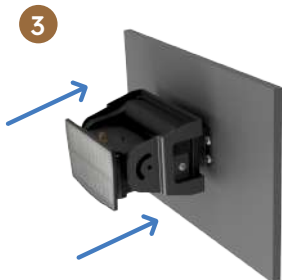
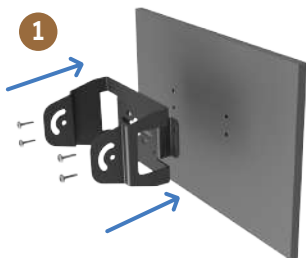


i DISCLAIMER

The magnetic mount is intended for temporary use only. Mount strength may vary depending on surface type, temperature, and vehicle vibration. Do not mount on curved or textured surfaces where adhesion may be reduced. Ensure the camera does not obstruct rear visibility. The manufacturer is not liable for camera loss, damage, or injury resulting from mount failure or improper installation. For permanent installation, use the provided adhesive or bracket mount.

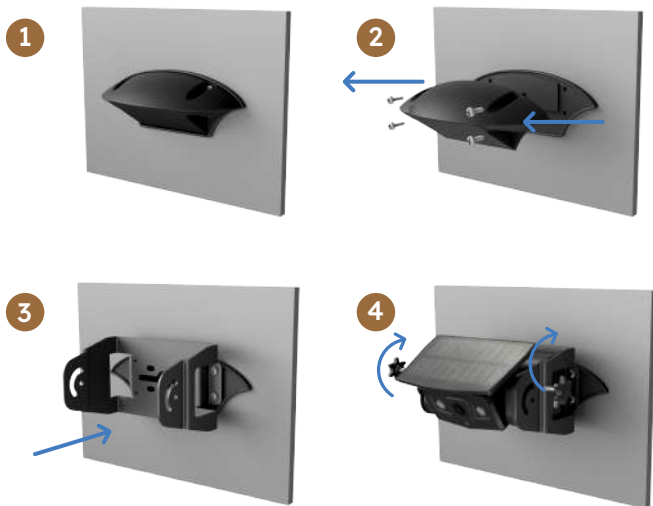
Camera mounting without a pre-installed bracket

If your RV vehicle does not have a Furrion or any existing RV Observation System mount, position the Waggle camera mounting bracket at the desired location on the RV wall and secure it using the provided screws. You may need to drill mounting holes for installation. Once the bracket is firmly installed, attach the camera to the mounting bracket.



Camera mounting with a pre-installed bracket

If your RV vehicle already has a mounting bracket installed, remove the existing bracket from the vehicle. Retain the gasket located behind the bracket. Then install the Waggle camera mounting bracket using the screws provided for camera placement.



Power

- The display and cameras operate on DC 12–36V. The display can also be powered via the included cigarette adapter.
- Choose mounting locations for the display and camera(s). Ensure the display is within the driver's reach and does not obstruct sightlines.

Battery & Solar Charging

Each camera includes a built-in **9600mAh** rechargeable battery, allowing it to operate independently of your vehicle's electrical system. A solar panel is built-in to keep the battery charged during use — ideal for extended parking or off-grid RV setups.

- Ensure the solar panel is positioned to receive direct sunlight for optimal charging.
- The system can be used while the battery is charging via solar.
- Fully charge the battery before first use.

NOTE: If the camera battery is depleted, recharge it using the USB-C power cable or place the camera in direct sunlight for solar charging. After the camera begins charging, press the power button on side of the camera to turn it on and restore the camera feed on the 7-inch display.

Operation

- The display powers on automatically when connected to a power source.
- Camera image appears on screen when a trigger is activated.
- Parking grid lines can be toggled **ON/OFF** in display settings.

Button Controls

Button	Action
POWER	Display Power On/Off
MENU	Open or exit the main settings menu
CH- (Channel)	Switch between camera channels (CAM1, CAM2, CAM3, CAM4) and split-screen views
+⌘, -⌘	Navigate menu options or adjust brightness values
SEL	Confirm a selection; also starts /stops manual recording

Menu Reference

Press **MENU** to open the main menu. Use Increase/Decrease to navigate and **SEL** to confirm. Press **MENU** again to return to the previous screen.



PAIRING



PICTURE



MIR-FLIP



PLAY



SYSTEM



P-LINE



RECORD



MODE

Pairing

Pair a camera to a channel. Press **CH-** to select the target channel (CAM1-CAM4), then press **SEL**. Within **20 seconds**, press the **pairing button** on the side of the camera three times quickly. Keep the display close to the camera during pairing.

Picture

Adjust screen **Brightness**, **Contrast**, and **Hue**.



BRIGHTNESS



CONTRAST



HUE

Mir-Flip

Set image orientation: Normal, Mirror, Flip, or Mirror+Flip.



NORMAL



MIRROR



FLIP



MIR-FLIP

Mode

Choose from 9 display layouts (single camera, dual split, quad split, etc.).



SPLIT 1-1



SPLIT 1-2



SPLIT 1-3



SPLIT 1-3



SPLIT 1-3



SPLIT 1-3



QUAD



QUAD

P-line

Enable or disable individual Parking Lines



P-LINE

ON**OFF**

System

Set system Time & Language



LANGUAGE



TIME

Play

Browse and play back recorded video from the SD card.

Total size: 29.714GB
Fees size: 28.875GB
>DCIM



Type	Name
	100 MEDIA

Timestamp & File Access

All recordings are timestamped in **YYYYMMDD** format and saved to the SD card. To access your recorded files, **navigate to Menu → Play**.

Record

Configure recording settings: Rewrite **ON/OFF** and SD card format.



REWRITE



FORMAT

Recording

SD Card Requirements

- Compatible with built-in SD card
- Recommended speed class: Class 10 (Class 8 minimum; Class 4 is not supported)
- Format the SD card via **MENU > RECORD > FORMAT** before first use. All existing data will be erased.

Starting and Stopping Recording

- After formatting, navigate back to the camera view and press **SEL** to start recording. A  indicator will appear on screen.
- Press **SEL** again to stop recording.

Loop Recording

- Rewrite ON: When the SD card is full, the oldest recordings are automatically overwritten.
- Rewrite OFF: Recording stops when the SD card is full.

Warranty

One-Year Limited Warranty

This product is warranted against material defects for one year from the date of purchase. At our sole discretion, defective units will be repaired or replaced.

Warranty Exclusions

This warranty does not cover:

- Damage resulting from misuse, improper installation, or mishandling
- Repairs or alterations made by unauthorized parties
- Damage from normal wear and tear
- Damage from abuse, neglect, or accidents
- Use of non-conforming accessories or use of the product after partial failure

How to Claim

To make a warranty claim, return the complete product postage-prepaid and insured during the warranty period.

NOTE: This warranty does not cover consequential damages of any kind.

Safety & Usage Guidelines

Driver Safety

⚠ WARNING: This system is a driver's aid only. It does not eliminate blind spots and must never replace standard mirrors or safe driving practices.

- Never rely solely on the display when reversing. Always check your surroundings directly.
- Do not use this system for extended backup maneuvers or backing into cross-traffic or pedestrian areas.
- The camera's field of view is limited and does not show the full panorama behind your vehicle.
- In some jurisdictions, operating a vehicle with a visible screen in the driver's line of sight may be unlawful. Check local regulations.

Installation Safety

- Incorrect installation can cause electric shock or product malfunction. Follow all steps carefully.
- Operate within the specified voltage range (**DC 12–36V**). Using incorrect voltage can cause damage.

- Before drilling, confirm no cables or wiring are behind the surface.
- Route and clamp all cables away from hot or moving parts and electrically noisy components.
- Cover any power cable running near metal surfaces with friction tape to prevent shorts.
- Do not install the display where it could obstruct the driver's view or interfere with airbags.
- If smoke or a burning smell is detected, disconnect the system immediately.
- We recommend a bench test of all components before permanent installation.

DISCLAIMER

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Our **Paw-some** products for RVers



Scam me
to learn more



Peace of mind,
on every drive.