Acouto Acoutowsdauc970x

Acouto Wireless Reversing Hitch Guide Camera User Manual

Model: Acoutowsdauc970x

1. Product Overview

The Acouto Wireless Reversing Hitch Guide Camera is designed to assist with vehicle maneuvering in confined spaces. It features a 150° wide-angle lens, a built-in rechargeable battery, and stable 20-foot wireless transmission. This camera is suitable for various vehicles including cars, RVs, trucks, and trailers. It offers infrared night vision, motion and sound detection, and is water-resistant for reliable use in diverse environments.



Figure 1: Acouto Wireless Reversing Hitch Guide Camera with its adjustable mount and charging cable.

2. Setup and Installation

1. **Charge the Camera:** Before first use, fully charge the camera's built-in lithium polymer battery using the provided USB cable.
2. **Download the Application:** Download the dedicated application for your smartphone. The camera supports both Android and iOS systems.
3. **Mount the Camera:** The camera is equipped with adhesive bases that allow for multi-angle adjustment. Choose a suitable location on your vehicle (e.g., near the hitch, rear bumper) that provides a clear view for reversing. Ensure the surface is clean and dry before applying the adhesive base.
4. **Connect to Your Phone:** The camera has its own built-in Wi-Fi. Open your phone's Wi-Fi settings and connect to the camera's Wi-Fi network. No external Wi-Fi or internet connection is required for this step.
5. **Launch the App:** Open the downloaded application on your phone. The camera's live feed should now be visible, allowing you to use it as a reversing aid.



Figure 2: Example of the camera mounted on a vehicle, demonstrating its use for hitch guidance with a trailer.

3. Operating Instructions

3.1 Basic Operation

- **Power On/Off:** Locate the ON/OFF switch on the camera body to power the device.
- **Live View:** Once connected via Wi-Fi and the app is open, the live video feed from the camera will be displayed on your smartphone screen.

3.2 App and Button Control

The camera can be controlled remotely via the smartphone application or directly using the buttons on the camera body.

- **Recording Video:** Press the designated button on the camera or use the app interface to start/stop video recording. Recorded video will be stored on a memory card (up to 32GB, not included) or in cloud storage (if configured in the app).
- **Taking Photos:** Press the designated button on the camera or use the app interface to capture still images. The app can be configured to take 3 photos and transfer them to your phone when an event is detected.

3.3 Motion and Sound Detection

When enabled in the application settings, the camera will detect moving objects or sounds. Upon detection, an alert notification will be sent to your phone. The camera can also be configured to capture 3 photos and transfer them to the app, while simultaneously storing recorded video on the memory card.



Figure 3: Detail of the camera body, highlighting the USB port for charging and the ON/OFF switch.

4. Maintenance

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid using abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the camera frequently. Charge the camera regularly, especially if it will be stored for an extended period.
- **Storage:** When not in use, store the camera in a cool, dry place away from direct sunlight and extreme temperatures.

5. Troubleshooting

- **No Image on Phone:**

- Ensure the camera is powered on.
- Verify that your phone is connected to the camera's built-in Wi-Fi network.
- Restart both the camera and the smartphone application.

- **Poor Image Quality:**
  - Clean the camera lens.
  - Ensure there are no obstructions blocking the camera's view.
  - Check for strong electromagnetic interference in the vicinity.
- **Camera Not Charging:**
  - Ensure the USB cable is securely connected to both the camera and a power source.
  - Try using a different USB cable or power adapter.
- **Motion/Sound Detection Not Working:**
  - Verify that motion and sound detection features are enabled in the smartphone application settings.
  - Ensure the camera's field of view is clear and not obstructed.

6. Specifications

Brand	Acouto
Model Number	Acoutowsdauc970x
Item Type	Hitch Guide Camera
Material	ABS
Color	Black
Battery Type	Built-in Lithium Polymer Battery
Battery Capacity	600 mAh
Wireless Transmission Range	Up to 20 feet (approx. 6 meters)
Wide Angle Lens	150°
Infrared LEDs	4 LEDs for night vision
Storage Support	Memory card up to 32GB (not included), Cloud storage
Dimensions (Package)	14 x 9 x 4 cm
Weight (Product)	134 g

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