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AUTO-VOX V5PRO

AUTO-VOX V5PRO 1080P 9.35" OEM Rear View Mirror Camera User Manual

Model: **V5PRO** | Brand: **AUTO-VOX**

1. PRODUCT OVERVIEW

The AUTO-VOX V5PRO is a sophisticated 9.35-inch full-laminated ultrathin touch screen mirror dash camera system designed to enhance driving safety and convenience. It features dual 1080P cameras for front and rear recording, anti-glare technology, super night vision, and smart parking monitoring. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your V5PRO system.



Figure 1.1: AUTO-VOX V5PRO Mirror Dash Camera System

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- AUTO-VOX V5PRO Mirror Dash Camera Unit
- Rear Camera
- Power Cable (8.7 ft)
- Video Cable (19.7 ft)
- GPS Antenna
- 4 Bracket Adapters (for OEM mirror replacement)
- Low-Profile Mini Fuse Tap Adapter (x2)
- Wrench
- User Manual
- Quick Guide
- Hardwire Kit
- Charging Cable

- Installation Tool

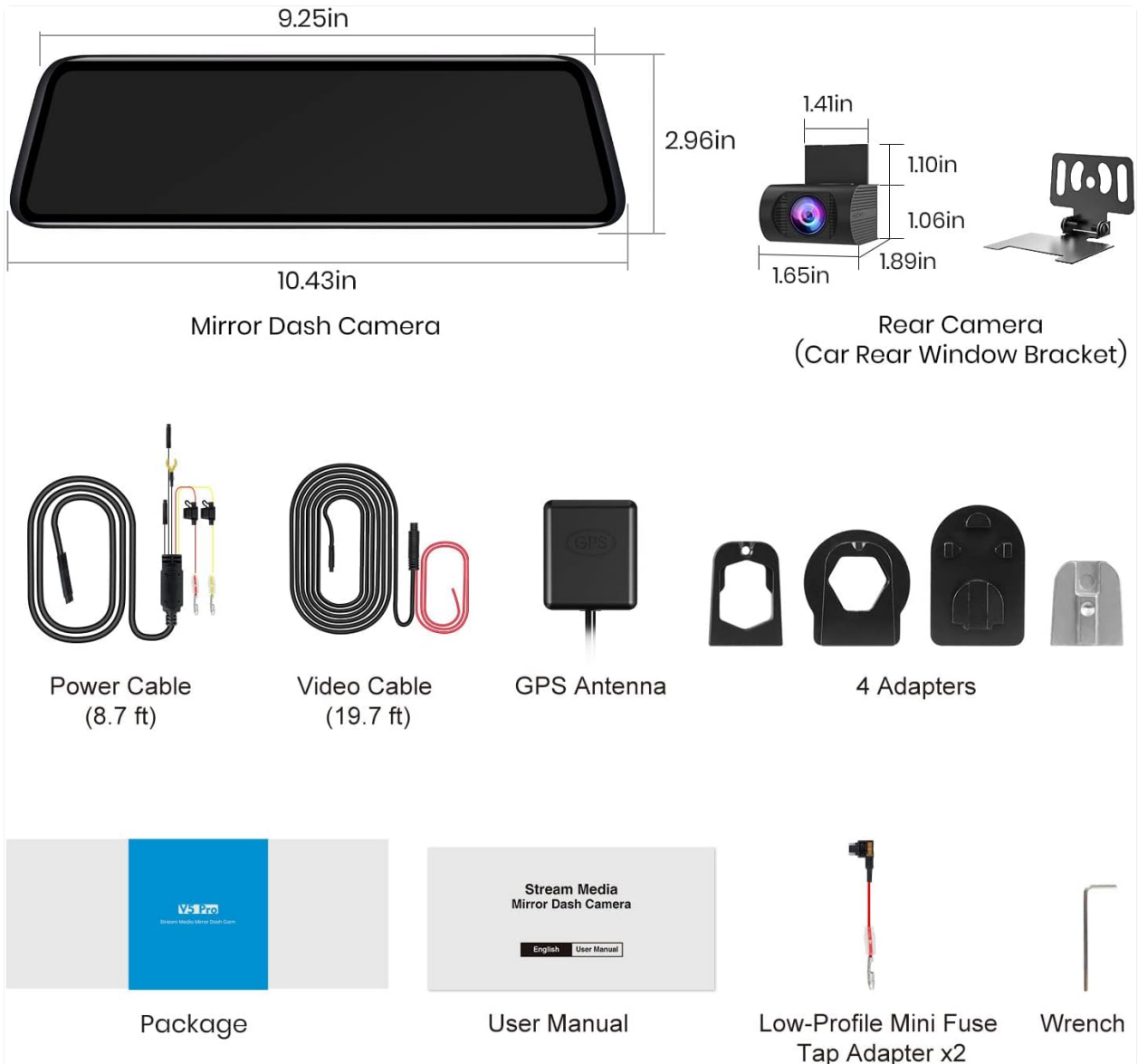


Figure 2.1: AUTO-VOX V5PRO Package Contents

3. SETUP AND INSTALLATION

The V5PRO is designed for an OEM look, replacing your original rearview mirror. Installation involves mounting the mirror unit, connecting the front and rear cameras, and wiring to your vehicle's fuse box. It is recommended to format the SD card on the product before first use.

3.1 Mirror Unit Installation

Carefully remove your vehicle's original rearview mirror. Select the appropriate bracket adapter from the included set that matches your vehicle's mirror mount. Securely attach the V5PRO mirror unit using the chosen adapter. If you cannot find a suitable adapter, please contact AUTO-VOX support for assistance.

3.2 Wiring Connections

Connect the main power cable from the mirror unit to your vehicle's fuse box using the provided low-profile mini fuse tap adapters. The red wire connects to ACC (Accessory power), and the yellow wire connects to constant power. The black wire is for ground. Connect the rear camera to the mirror unit using the video cable.

The GPS antenna also connects to the mirror unit.

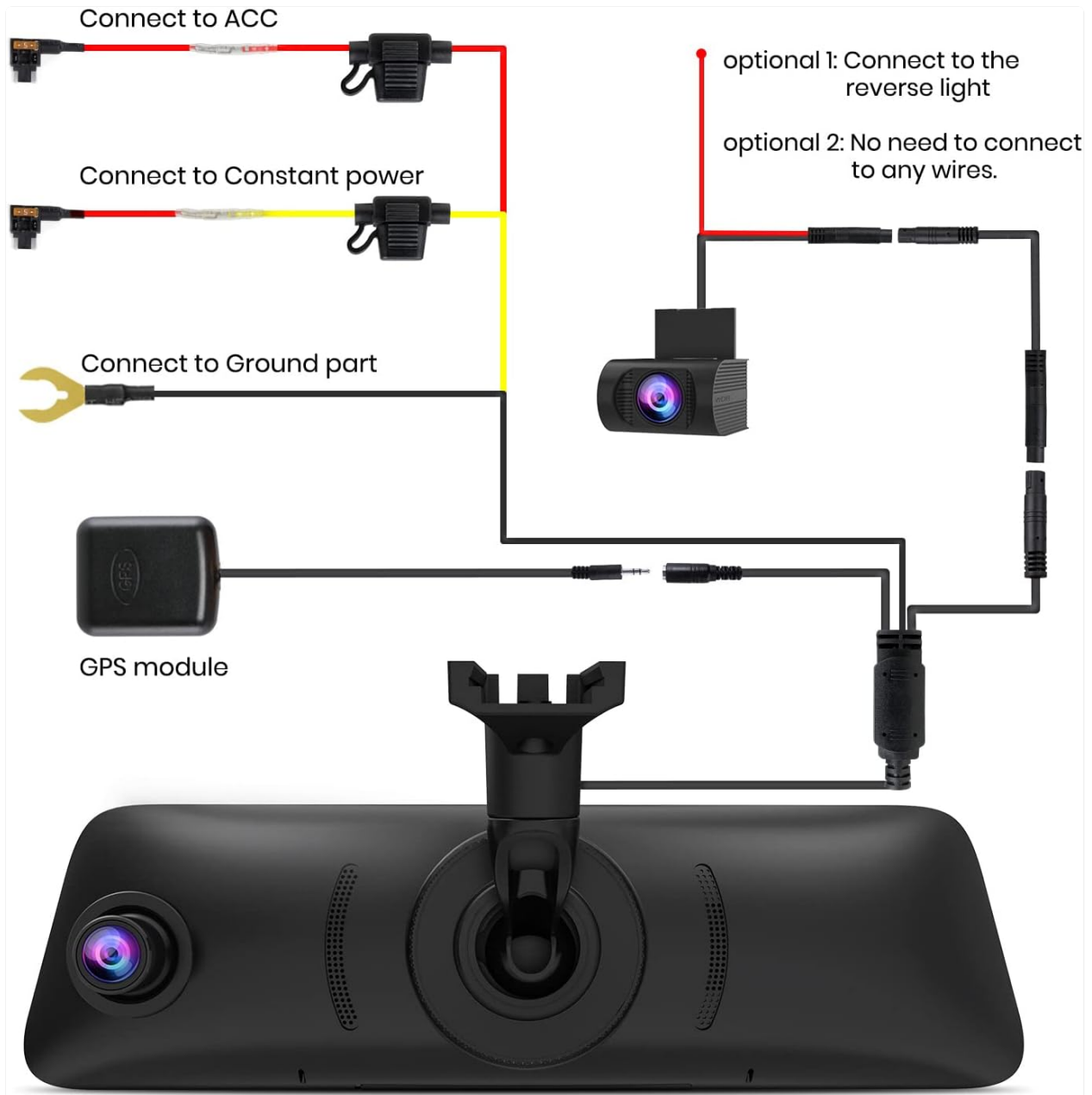


Figure 3.1: V5PRO Wiring Diagram

3.3 Cable Routing

Route all cables neatly along the vehicle's A-pillar and headliner to conceal them and prevent interference with driving. Use the included installation tool to tuck cables under trim panels. Ensure cables do not obstruct airbags or other safety features.

3.4 Detailed Installation Guide (Video)

For a step-by-step visual guide on the installation process, please refer to the official installation video:

Video 3.1: V5PRO Rear View Mirror Camera Installation and Wiring Guide

This video provides a comprehensive walkthrough of the installation process, including mirror replacement, cable routing, and connections.

4. OPERATING INSTRUCTIONS

The AUTO-VOX V5PRO features an intuitive touch screen interface for easy operation.

4.1 Power On/Off

The device will automatically power on when your vehicle starts and power off when the ignition is turned off, thanks to the hardwire connection to the fuse box.

4.2 Touch Screen Interface

The 9.35-inch touch screen allows for easy navigation and control. Swipe gestures and tap icons are used to access various functions and settings.

4.3 Driving Mode and Stream Media View

The V5PRO provides a wider field of view than traditional mirrors, reducing blind spots. The stream media view displays real-time footage from the rear camera, offering enhanced visibility.

5 Lanes View Vision



Stream Media Rear View Mirror



Ordinary Rear View Mirror

Figure 4.1: Enhanced View with Stream Media Mirror

4.4 Parking Monitoring

With smart battery protection, the dash cam automatically records a 30-second video clip upon detecting a collision while parked, then powers off to prevent battery drain.



Figure 4.2: 24-Hour Parking Monitoring

4.5 Reversing Image with Parking Lines

When shifting into reverse, the screen automatically displays the rear camera feed with adjustable parking guidelines for easier and safer parking maneuvers.



Figure 4.3: Full Screen Reversing Image

4.6 Night Vision and Anti-Glare

Equipped with sensor IMX307 and WDR technology, the V5PRO minimizes glare from strong sunlight and oncoming headlights, providing clear night vision for improved safety.

Clear Footage Under Strong Light



Anti-Glare



Dual 1080p



Figure 4.4: Clear Footage Under Strong Light

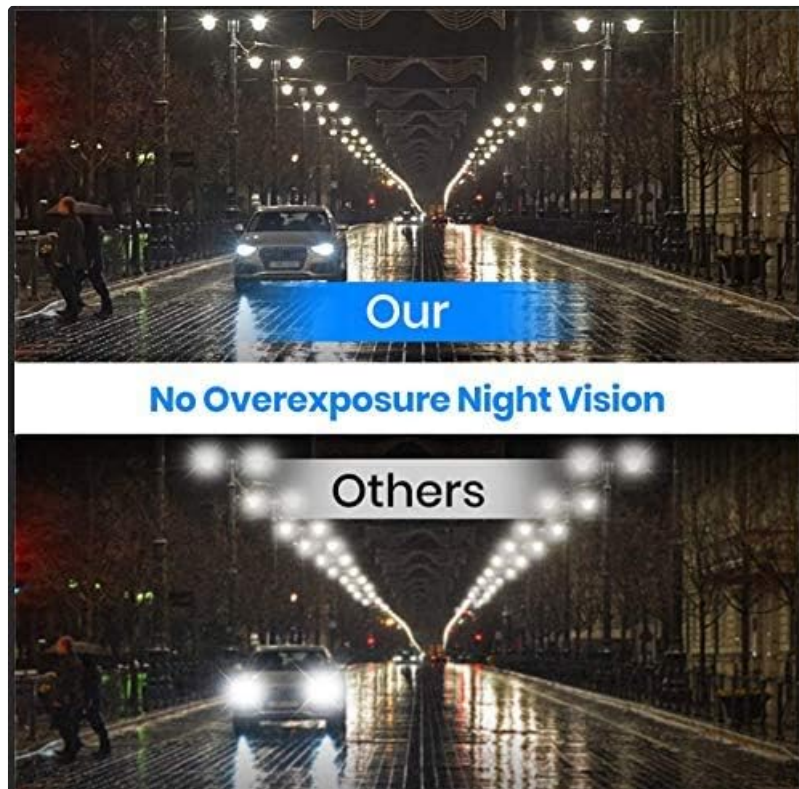


Figure 4.5: No Overexposure Night Vision

4.7 Multi-Functions

The V5PRO supports:

- **Loop Recording:** Automatically overwrites the earliest unlocked videos to continue recording.
- **G-Sensor:** Detects collisions and automatically locks the current video to prevent it from being overwritten.
- **GPS Playback:** Records accurate speed and position, allowing video playback through a dedicated GPS player.

4.8 Product Features Overview (Video)

Watch this video for a quick overview of the V5PRO's key features and functionalities:

Video 4.6: V5PRO Rearview Mirror Backup Camera Features

This video highlights the main features of the V5PRO, including its display, recording capabilities, and user interface.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AUTO-VOX V5PRO, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and camera lenses. Avoid using abrasive cleaners or solvents that may damage the surfaces.
- **Firmware Updates:** Periodically check the AUTO-VOX official website for any available firmware updates. Keeping your device's firmware up-to-date ensures optimal performance and access to new features.
- **SD Card Management:** Regularly format your Micro SD card (Class 10, 32-64GB recommended) to prevent data corruption and ensure smooth recording. Back up important video files before formatting.
- **Temperature:** Avoid exposing the device to extreme temperatures for prolonged periods, as this may affect its performance and lifespan.

6. TROUBLESHOOTING

If you encounter any issues with your V5PRO, please refer to the following common troubleshooting steps:

- **Device Not Powering On:** Ensure all power connections to the fuse box are secure and correct. Check the vehicle's fuse for any blown fuses.
- **Recording Issues:** Verify that a compatible Micro SD card is inserted and formatted. Check if the card is full; if so, format it or replace it. Ensure loop recording is enabled.
- **Screen Glare/Poor Night Vision:** Adjust the screen brightness settings. Ensure camera lenses are clean. The device features anti-glare and WDR technology to mitigate these issues.
- **Rear Camera Not Displaying:** Check the connection of the rear camera cable to the mirror unit. Ensure the rear camera itself is not damaged.
- **GPS Signal Issues:** Ensure the GPS antenna is properly connected and placed in an area with clear sky.

view (e.g., on the dashboard).

- **Device Freezing/Unresponsive:** Try resetting the device using the reset button (if available) or by disconnecting and reconnecting the power.

If the issue persists after attempting these steps, please contact AUTO-VOX customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	10.6 x 3 x 4.3 inches (10.6"L x 3"W x 4.3"H)
Item Weight	3.08 pounds
Item Model Number	V5PRO
Connectivity Technologies	Hardwire, USB
Special Features	Loop Recording, G-Sensor, Night Vision, Parking Monitor, Built-In GPS
Display Technology	LCD
Other Display Features	Wireless
Color	Black
Manufacturer	AUTO-VOX
Country of Origin	China
Screen Size	9.35 Inches
Compatible Devices	Mirror
Installation Type	Surface Mount
Video Capture Resolution	1080p
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle

8. WARRANTY AND SUPPORT

The AUTO-VOX V5PRO comes with an **18-month warranty**. For technical support, warranty claims, or any product-related inquiries, please contact AUTO-VOX customer service. Refer to the contact information provided in your Quick Guide or visit the official AUTO-VOX website for the most up-to-date support details.