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> AMTIFO A18 Wireless Backup Camera System User Manual

AMTIFO A18

AMTIFO A18 Wireless Backup Camera System User Manual

Brand: AMTIFO | Model: A18 (4.3 Inch Monitor)

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AMTIFO A18 Wireless Backup Camera System. Designed for enhanced vehicle safety, this system offers a clear, stable, and wide-angle view to assist with reversing, parking, and monitoring your surroundings. Its wireless design ensures easy installation and reliable performance.



Image: The AMTIFO A18 Wireless Backup Camera System, showing the 4.3-inch monitor and the camera unit, highlighting its HD 1080P resolution and easy installation.

SETUP AND INSTALLATION

The AMTIFO A18 system is designed for simple installation, requiring no complex wiring. Follow these steps for a quick setup:

1. Monitor Installation

The 4.3-inch monitor can be mounted on your dashboard or windshield using the provided suction cup bracket.

1. Attach the suction cup mount to the monitor. Ensure the monitor's antenna is securely connected.
2. Clean the desired mounting surface (dashboard or windshield) to ensure a strong suction.
3. Press the suction cup firmly onto the surface and engage the locking lever to secure it.

4. Adjust the monitor angle for optimal viewing.

5. Power the monitor using the cigarette lighter adapter. Plug the adapter into your vehicle's 12V power outlet.

The monitor with two video channels



Image: The 4.3-inch monitor displaying options for full screen or split screen view, and illustrating the possibility of adding a second camera (not included).

Easy Installation for Car/Van/Truck



Image: Visual guide showing the monitor installed in a car, van, and pickup truck, emphasizing the simple plug-and-play cigarette lighter power connection.

2. Camera Installation

The camera is typically mounted near the license plate. It connects to your vehicle's tail lights for power, activating automatically when reversing.

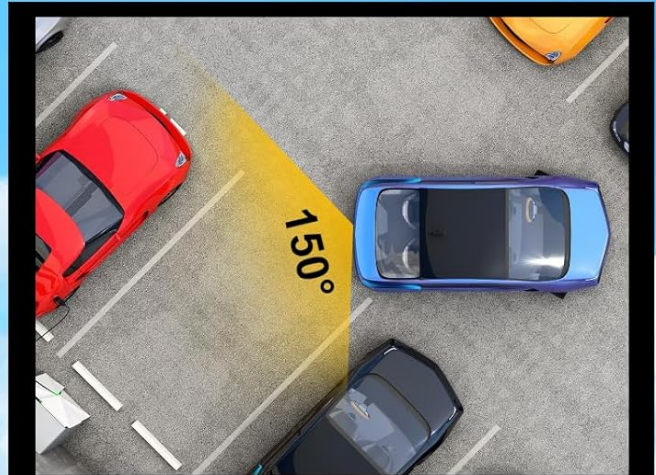
1. Mount the camera securely near your vehicle's license plate.
2. Connect the camera's power cable to your vehicle's reverse light wiring. This allows the camera to power on automatically when the vehicle is put into reverse.
3. Ensure all connections are secure and weatherproof. The camera is IP67-rated for durability in various weather conditions.

Advantages of AMTIFO A18



Easy to install

Simply connect the camera to the car light using the provided power cable. (user manual with YouTube video how to install)



150° wide view

150° golden angle for parking, makes sure the rear view not too limited or too distorted.



Stable wireless signal transmission

No worries about image delay and lag in the 33ft transmission range.



Easy to setup

A smart screen with simple settings will not block the view

Image: Diagram illustrating the easy installation process by connecting the camera to the car light, highlighting the 150-degree wide view and stable wireless signal transmission.

Installation Video Guide

For a visual guide on installation and setup, please refer to the official product video below:

Your browser does not support the video tag.

Video: Official installation and operation guide for the AMTIFO A18 Wireless Backup Camera System, demonstrating monitor setup, camera connection, and in-use features.

OPERATING INSTRUCTIONS

Once installed, the AMTIFO A18 system provides a clear view of your vehicle's rear surroundings.

1. Powering On/Off

The monitor powers on automatically when the vehicle is put into reverse (if wired to reverse lights) or when the cigarette lighter

adapter is activated. To manually turn the monitor on/off, use the button on the cigarette lighter adapter.

2. Viewing the Display

The 4.3-inch LCD monitor provides a live video feed from the camera. The HD 1080P resolution ensures a sharp and detailed view.

Backup camera for safe parking

Provide a rear view and parking guide line when you are backing up



Long Distance and Stable Digital Wireless Signal Transmission



Transmission distance up to **33ft**

Image: The monitor displaying a parking scenario with guide lines, illustrating the system's ability to provide a clear rear view for safe parking and stable digital wireless signal transmission up to 33 feet.

3. Guide Lines

The monitor displays adjustable guide lines to assist with parking and reversing. These lines indicate approximate distances and vehicle trajectory.

- To turn the guide lines on or off, press and hold the 'M' button on the monitor for 3 seconds.
- The system supports DIY guide line settings for customization.



Image: An overhead view demonstrating safe parking with the 150-degree wide-angle view, showing how the camera helps in navigating tight spaces.

4. Image Adjustment and Features

The monitor allows for various image adjustments and offers advanced features:

- **Image Flip:** The display is capable of flipping images (normal or mirror view) to suit your preference or specific vehicle setup.
- **Adjustable Contrast & Brightness:** Optimize the display for different lighting conditions.
- **Super Night Vision:** Provides clear, precise, and sharp video even in complete darkness.
- **Wide-Angle Lens:** The 170-degree wide-angle camera lens minimizes blind spots, offering maximum coverage.

HD1080P Display Capable of Flipping Images

Image Flip



Image: The monitor demonstrating image flip functionality (Normal vs. Mirror view) and highlighting adjustable contrast and brightness settings.



Image: A collage showcasing key features: turning on/off guidelines, super night vision, the latest upgraded software chip for stable transmission, and IP69 waterproof rating.

MAINTENANCE

To ensure the longevity and optimal performance of your AMTIFO A18 system, follow these simple maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners that could scratch surfaces.
- **Connections:** Periodically check all cable connections (power, antenna) to ensure they are secure and free from corrosion.
- **Weather Protection:** While the camera is IP67-rated waterproof and designed for various weather conditions (from -22°F to 149°F), extreme conditions can still impact performance. Ensure the camera is free from excessive dirt, ice, or snow buildup.
- **Storage:** If storing the vehicle for an extended period, consider disconnecting the monitor from the power source.



Image: Close-up of the camera unit, highlighting its IP69 waterproof rating, indicating its durability against water and dust.



Image: An illustration of the camera's 6-glass lens, indicating high-quality optics for clear image capture.

TROUBLESHOOTING

If you encounter issues with your AMTIFO A18 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	<ul style="list-style-type: none"> • Monitor not powered. • Camera not powered or faulty connection. • Signal interference. 	<ul style="list-style-type: none"> • Ensure cigarette lighter adapter is fully inserted and activated. • Check camera wiring to reverse lights. • Verify camera and monitor antennas are securely attached. • Relocate monitor or camera to reduce interference.
Flickering or unstable image	<ul style="list-style-type: none"> • Weak wireless signal. • Electrical interference from vehicle. 	<ul style="list-style-type: none"> • Ensure clear line of sight between camera and monitor. • Check for strong signal transmission (up to 33ft). • Ensure proper grounding of camera power.
Image is reversed or upside down	Incorrect image flip setting.	Adjust the image flip setting on the monitor (refer to Operating Instructions).
Guide lines not visible or incorrect	Guide lines turned off or misconfigured.	Press and hold the 'M' button for 3 seconds to toggle guide lines. Adjust DIY settings if needed.



Totally Upgrade Point to Point Digital Wireless signal, Stable with Quality Image



Digital wireless Transmission



Analog Wireless Transmission



- 1 No Signal interference
- 2 HD 1080P no flickers pictures
- 3 Longer and stable working range
- 4 Support 2nd camera and split screen
- 5 Guide Lines DIY setting



- 1 Signal interference times
- 2 Easy meet flickers on pictures
- 3 Shorter and weaker working range
- 4 Just support 1 camera
- 5 Guide Lines on/off

Image: A comparison highlighting the benefits of digital wireless transmission (no signal interference, HD 1080P, stable working range, support for 2nd camera) over analog wireless transmission.

SPECIFICATIONS

- **Brand:** AMTIFO
- **Model:** A18
- **Screen Size:** 4.3 Inches
- **Display Technology:** LCD
- **Video Capture Resolution:** 1080p
- **Lens Type:** Fixed Wide Angle
- **Real Angle of View:** 150 Degrees
- **Installation Type:** Dash Mount and Windshield Mount Monitor
- **Voltage:** 12 Volts (DC)
- **Item Weight:** 1.26 pounds

- **Product Dimensions:** 7.5 x 7.5 x 3 inches
- **Weatherproof Rating:** IP67 (Camera)
- **Operating Temperature:** -22°F to 149°F (Camera)

WARRANTY AND SUPPORT

AMTIFO products are designed for reliability and performance. For any questions, technical assistance, or warranty claims, please contact AMTIFO customer service. We offer 24-hour online customer service to assist you.

Please refer to your product packaging or the official AMTIFO website for the most up-to-date warranty information and contact details.



Image: The AMTIFO brand logo.