ASHATA U2

ASHATA U2 Car Dash Camera User Manual

USB DVR Driving Video Recorder with Night Vision, Loop Recording, Motion Detection, and ADAS for Android Systems

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ASHATA U2 Car Dash Camera. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

Image: Front view of the ASHATA U2 Car Dash Camera, showing the lens and main body.

PACKAGE CONTENTS

Verify that all items are present in the package:

- ASHATA U2 Car Dash Camera
- USB Cable
- User Manual
- *Note: A memory card (8GB to 32GB) is required for operation and is not included.*

PRODUCT OVERVIEW

Familiarize yourself with the components of your ASHATA U2 Car Dash Camera.

Support car and mobile Internet, APP connection
Mobile APP intelligent control, support for Android and for iOS system cell phone
Watch or download recorded videos anytime, anywhere

Image: Detailed diagram showing the various parts of the dash camera, including the video camera lens, 270-degree rotation point, indicator light, marking area, fixed adhesive, memory card socket, and power cord connection.

- **Video Camera:** Records footage.
- **270-degree Free Rotation:** Allows adjustment of the camera angle.
- **Indicator Light:** Provides status feedback.
- **Memory Card Socket:** Insert your Micro SD card here (8-32GB, not included).
- **Power Cord:** Connects to the USB power source.
- **Fixed Adhesive:** For secure mounting to the windshield.

SETUP AND INSTALLATION

1. **Prepare Memory Card:** Insert a compatible Micro SD card (8GB to 32GB, not included) into the memory card socket. Ensure the card is formatted correctly (FAT32 recommended).
2. **Mounting the Camera:**

- Clean the desired area on your windshield, preferably behind the rearview mirror, to ensure good adhesion.
- Remove the protective film from the fixed adhesive on the bottom of the recorder.
- Firmly press the dash camera onto the cleaned area of the windshield. Adjust its position to ensure a clear view of the road.

3. **Connecting Power:**

- Connect the USB cable to the dash camera's power port.
- Route the power cord neatly along the interior panel, down the A-pillar, and to a suitable USB power source in your car (e.g., a car charger or a dedicated USB port).
- Connect the USB cable to your car's central control screen USB interface for direct viewing.

No need for WIFI, connect with USB cable and you can watch the recording directly on the center control screen, plug and play for easy viewing

Image: Step-by-step visual guide for installing the dash camera, showing adhesive removal, mounting location, cable routing along the A-pillar, and connection to the car's USB interface.

OPERATION

Power On/Off

The dash camera will automatically power on and begin recording when your vehicle's ignition is turned on and power is supplied via the USB connection. It will power off automatically when the vehicle's ignition is turned off.

Direct USB Connection to Car Screen

No Wi-Fi is needed for direct viewing. Simply connect the dash camera to your car's central control panel via the USB cable. This allows for plug-and-play viewing of recorded footage directly on your car's screen.

Image: Illustration showing the dash camera connected via USB cable to a car's central control screen for direct viewing of recordings.
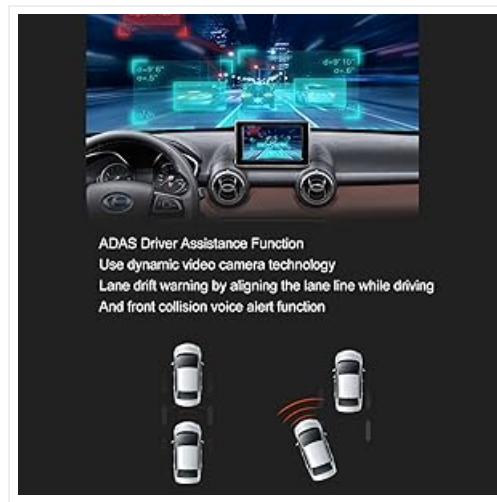
Wide Angle Lens

The camera features a wide-angle lens designed to capture a broader view of the road, providing more comprehensive coverage of your driving environment.

Image: Diagram illustrating the wide field of view captured by the dash camera's lens.

Loop Recording

The camera supports continuous loop recording. When the memory card is full, the oldest unlocked video files will be automatically overwritten by new recordings. This ensures that recording never stops due to a full memory card. Ensure your memory card is between 8GB and 32GB for optimal performance.

Image: Graphic representation of loop recording, showing older files being overwritten as new recordings are made, ensuring continuous operation.

Motion Detection

In standby mode, the dash camera can automatically detect and record moving objects in front of the vehicle. This feature is useful for monitoring your vehicle when parked.

Motion Detection

Standby state, will automatically record all the moving process of the target object in front of you

Image: A car interior with the dash camera visible, illustrating the motion detection feature which records moving objects when the car is in standby.

Night Vision

Equipped with a large aperture lens and a high-sensitivity chip, the camera is designed to capture clear images even in low-light conditions during nighttime driving.

Night Vision, Automatic Ligh Sensitive
Adopt large aperture lens and high light sensitive chip
Even in low light environment, you can shoot clear results

Image: A driver's perspective at night, highlighting the dash camera's ability to record clear video in low-light environments due to its night vision feature.

ADAS (Advanced Driver-Assistance System)

The ADAS function utilizes dynamic video camera technology to provide real-time warnings. It includes:

- **Lane Departure Warning:** Alerts you if the vehicle drifts out of its lane.
- **Front Collision Warning:** Provides a voice alert if the system detects a potential front-end collision.

Image: A visual representation of the ADAS system, showing lane lines and vehicle positions with warnings for lane drift and potential front collisions displayed on a car's infotainment screen.

Voice Announcements and Fixed Speed Detection

The dash camera features a default voice broadcast function that provides real-time reminders and alerts for various driving conditions, reducing the need to constantly look at the screen. This includes built-in electronic speed measurement and recognition of road snapshot sections to enhance driving safety.

Image: An illustration of a car's dashboard screen with various voice announcement bubbles indicating alerts such as current speed, speed limit warnings, traffic light distances, speed camera locations, road offsets, and front vehicle proximity.

BUILT IN FIXED SPEED DETECTION
IDENTIFY THE ROAD SNAPSHOT SECTION
AVOID TICKETS FOR SAFE PASSAGE

Image: Three separate images showing a road sign, traffic lights, and a speed camera, illustrating the dash camera's ability to detect fixed speed zones and road snapshot sections.

Mobile APP Connection (for Android/iOS)

The dash camera supports mobile APP connection for both Android and iOS systems. This allows you to watch or download recorded videos anytime, anywhere via your smartphone. Refer to the specific APP instructions for pairing and usage.

Image: A dash camera in a car interior, with text indicating support for car and mobile internet, APP connection, and the ability to watch or download recorded videos via a mobile app for Android and iOS.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using abrasive cleaners or solvents.
- **Memory Card Management:**

  - Regularly format the memory card (e.g., once a month) to maintain optimal performance and prevent data corruption.
  - Replace the memory card if you notice any recording errors or performance degradation.

- **Firmware Updates:** Check the ASHATA official website or contact support for any available firmware updates to improve performance and add new features.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	No power supply; faulty USB cable; car ignition off.	Check USB connection and power source. Ensure car ignition is on. Try a different USB cable.
Recording stops or freezes.	Memory card full or corrupted; incompatible memory card; faulty memory card.	Format the memory card. Ensure it's 8-32GB and Class 10 or higher. Replace the memory card if issues persist.
Video quality is poor.	Dirty lens; low light conditions (beyond night vision capability); protective film still on lens.	Clean the lens. Ensure protective film is removed. Adjust camera angle if glare is an issue.

Problem	Possible Cause	Solution
ADAS warnings are inaccurate.	Improper camera alignment; environmental factors (heavy rain, fog).	Re-align the camera to ensure a clear, unobstructed view of the road and lane markings. ADAS performance can be affected by weather.
Cannot connect to mobile APP.	Incorrect APP settings; phone not connected to camera's Wi-Fi (if applicable); APP not installed.	Ensure the correct APP is installed. Follow APP instructions for connection.

SPECIFICATIONS

Feature	Detail
Brand	ASHATA
Model Name	U2
Video Capture Resolution	720p
Connectivity Technology	USB
Field Of View	360 Degrees
Control Method	Voice
Mounting Type	Adhesive Mount
Supported Memory Card	8GB to 32GB (not included)
Item Weight	5.3 ounces
Package Dimensions	5.55 x 3.94 x 1.93 inches

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official ASHATA website. You can also contact ASHATA customer service for assistance.
ASHATA Store Link: ASHATA Official Store