

ssontong A16W Dash cam front and rear

ssontong A16W Dual Dash Cam Instruction Manual

Model: A16W Dash cam front and rear

Brand: ssontong

1. INTRODUCTION

Thank you for choosing the ssontong A16W Dual Dash Cam. This manual provides detailed instructions for the proper installation, operation, and maintenance of your dash camera system. Please read this manual thoroughly before use to ensure optimal performance and safety.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1440P Dash cam (Front Camera)
- 1080P Rear Car Camera
- 64GB Memory Card (pre-installed or separate)
- Car Charger with USB Port
- TYPE C USB Data Cable
- Suction Cup Mount (x2)
- Car Mount (Sticky Mount)
- Memory Card Reader
- Wiping Cloth (for lens cleaning)
- User Manual



Figure 2.1: Complete package contents of the ssondong A16W Dash Cam.

3. PRODUCT OVERVIEW & FEATURES

The ssondong A16W Dash Cam is designed to provide comprehensive vehicle surveillance with advanced features for safety and convenience.

3.1 High-Resolution Dual Recording

Simultaneously records front at 2.5K (2560x1440P@30fps) and rear at 1080P (1920x1080@30fps), ensuring crystal clear video quality for capturing license plates and road details day and night. The front camera features a 170° wide angle and the rear camera a 140° wide angle to minimize blind spots.



Figure 3.1: Front and rear camera recording capabilities.

3.2 Built-in WiFi & App Control

Connect your dash cam to your iOS or Android smartphone via built-in WiFi using the "Viidure" app. This allows for live viewing, video playback, settings adjustment, and easy downloading/sharing of footage.

Dash Cam WiFi Connection & App Control

Connect to your phone with one tap, view live video, adjust settings, download videos, and share on social media.



Download free app from your Phone
Application Arcade



APP Named "Viidure"



QR Code



Figure 3.2: Seamless control and access via the "Viidure" smartphone app.

Download the "Viidure" app from your phone's application store or by scanning the QR code in the user manual. For direct download, visit: <https://www.6zhentan.com/app/d0001/index.html>

3.3 Super Night Vision

Equipped with a high-resolution CMOS sensor, excellent 6-layer optical lens, and F1.8 large aperture. HDR/WDR technology automatically balances exposure in low-light conditions, ensuring superb night vision and clear video clips even in challenging weather.

Dashcams for Cars **Super Night Vision**

The A16W WiFi dash cam features industry-leading night vision, enabling it to automatically capture clear details and colors even in low-light environments or at night.



Sony Sensor



6-Glass Lens



F1.8 Aperture

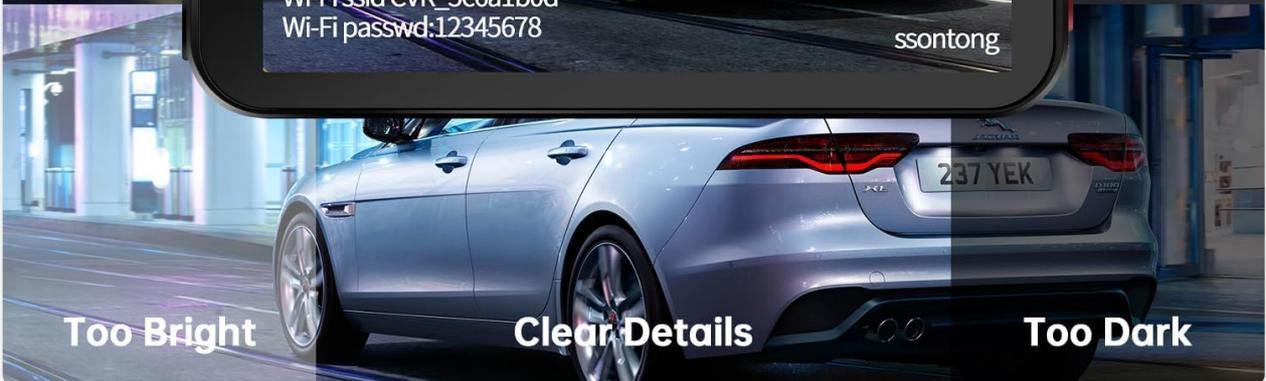


Figure 3.3: Enhanced night vision for clear recordings in low-light conditions.

3.4 Loop Recording & G-Sensor

Seamless loop recording overwrites the oldest videos when the memory card is full (except locked files). The G-sensor automatically locks the current video upon detecting shaking or collision, preventing it from being overwritten and saving it in the event folder for accident evidence.

Parking Monitoring Dash Camera

Detects an impact, car cam auto switches to parking mode and starts recording, providing 24-hour protection for your car.



(Note: Continuous 24-hour recording requires the use of a Hardwire kit for power.)



G-sensor Car Camera

When the G-sensor detects a collision, Lock the current video to prevent it from being overwritten for your use.

(It wouldn't be deleted in loop recording mode.)

Loop Recording Dash Cam

Auto overwrite the oldest videos to save the current files when the card is full.



(NOTE: locked videos cannot be overwritten)

Figure 3.4: Core features for continuous and secure accident recording.

3.5 Parking Monitor

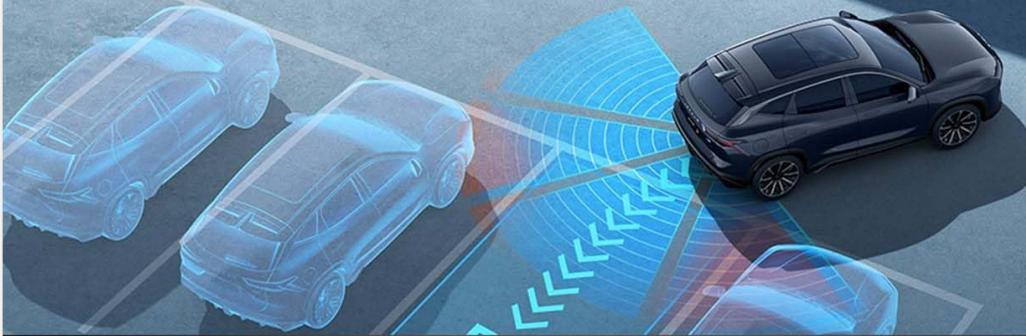
When your car is parked and a collision or theft is detected, the dash cam will automatically switch on and record for about ten seconds and lock the video. Continuous 24-hour recording requires a separate hardwire kit for power.

3.6 Reverse Camera with Parking Aid

The included 1080P rear camera provides a clear rear view and offers a reversing aid line to assist with safe parking. Connect the red wire of the rear camera to the positive pole of the reversing light for this feature.

Please be informed:

This function can only be activated after the red wire of the rear camera is connected to the positive pole of the reversing lamp.



Safe Reversing:

The dash cam automatically provides rear view and parking guide lines when reversing.



1080P Waterproof
Rear Camera



2.5K QHD WiFi Dash Cam

Figure 3.5: Rear camera view with parking assistance lines.

3.7 Upgraded Type C Charger Port & Dual USB Charger

Features an upgraded Type C charger port for more stable power delivery, reducing reboots and crashes. The car charger also includes a USB port, allowing you to charge other electronic devices while powering the dash cam.

3.8 Display Modes

The 3-inch IPS screen allows switching between various display modes: Front only, Rear only, Front + Rear (split), and Picture-in-Picture (Front + Rear in right corner).

2.5K QHD Dash Cam WiFi

3-inch IPS large screen dash camera for cars, so you can enjoy the new visual experience brought by the large field of view.



Front only



Rear Only



Front + Rear (Right Corner)

Three Switching Between Front and Back Screens

Figure 3.6: Various display options for optimal viewing.

4. SETUP & INSTALLATION

4.1 Front Dash Cam Installation

The dash cam can be mounted using either the suction cup mount or the sticky mount. Choose a location on your windshield that does not obstruct your view. Ensure the windshield is clean and dry before applying the mount.

- **Suction Cup Mount:** Attach the suction cup to the dash cam. Press the suction cup firmly against the windshield and flip the lever to secure it.
- **Sticky Mount:** Attach the sticky mount to the dash cam. Peel off the protective film from the adhesive and firmly press the mount onto the desired location on the windshield.

4.2 Rear Camera Installation

The rear camera comes with a 19-foot cable, suitable for most vehicles. Before permanent installation, test the rear camera by connecting it to the front dash cam and ensuring it displays correctly.

- **Wiring:** Route the rear camera cable from the front dash cam to the rear of your vehicle. You can hide

the cable along the roof lining, A-pillars, and door sills for a neat installation.

- **Connecting to Reversing Light (Optional):** If you desire the parking aid line feature, connect the red wire of the rear camera cable to the positive pole of your car's reversing light. If not needed, simply wrap the red wire securely.
- **Mounting:** Mount the rear camera near your license plate lamp or on the rear window, ensuring a clear view.

4.3 Memory Card Installation

A 64GB Micro SD card is included with your dash cam. The dash cam supports up to 256GB. Ensure you use a Class 10, U3 or higher speed card for optimal performance.

- Insert the Micro SD card into the TF port on the side of the dash cam until it clicks into place.
- Before first use, it is highly recommended to format the memory card within the dash cam's settings to ensure compatibility and proper function.

4.4 Power Connection

Use the original car charger provided to power the dash cam. Plug the charger into your car's cigarette lighter socket. The dash cam will automatically start recording when your car is turned on.



Figure 4.1: Powering the dash cam and charging other devices.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The dash cam automatically powers on and starts recording when connected to power and the vehicle ignition is on. It powers off automatically when the ignition is turned off.
- **Manual Recording:** Once powered on, the dash cam automatically begins loop recording.
- **Taking Photos:** Press the designated button (refer to user manual diagram) to take a still photo during recording.
- **Screen Saver:** To prevent distraction while driving, the screen can be set to turn off automatically after a set period. The dash cam will continue recording even if the screen is off. LED indicators will show the operating status.

5.2 WiFi & App Control

To connect to the "Viidure" app:

1. Turn on the WiFi function on your dual dash cam (refer to manual for specific button).

2. On your smartphone, open WLAN settings. Turn off auto-join for previously connected networks.
3. Find the dash cam's WiFi network (e.g., "CVR_8e1b7818") and connect using the default password (usually "12345678").
4. Open the "Viidure" app. Click "Into Camera" to access the live view and recorded files.

Video 5.1: Demonstration of the ssontong A16W Dash Cam's WiFi connectivity and app control features, showing live view and file management.

6. MAINTENANCE

6.1 Formatting SD Card

Regularly format the Micro SD card (at least once a month) to ensure stable recording performance and prevent data corruption. This can be done through the dash cam's settings menu.

6.2 Cleaning

Use the provided wiping cloth or a soft, lint-free cloth to clean the camera lenses. Avoid using abrasive cleaners or solvents that could damage the lens coating.

6.3 General Care

Avoid exposing the dash cam to extreme temperatures or direct sunlight for prolonged periods when not in use. Ensure cables are not pinched or damaged during installation or daily use.

7. TROUBLESHOOTING

If you encounter any issues with your ssontong A16W Dash Cam, please refer to the following common solutions:

- **Dash Cam Not Working:** Try restoring factory settings. If the issue persists, gently poke the reset hole with a card pin (refer to manual for location).
- **WiFi Connection Unsuccessful:** Ensure WiFi is enabled on the dash cam. On your phone, turn off auto-join for other networks before connecting to the dash cam's WiFi. If the app shows a black loading screen, your phone may have disconnected from the dash cam's WiFi; try re-linking.
- **Rear Camera Not Displaying:** Check all cable connections to ensure they are securely plugged in. You can switch the display of front and rear views by long-pressing the UP button on the dash cam.
- **Screen Turning On/Off While Driving:** For daily driving, it is recommended to turn off motion detection and screensavers in the settings to prevent the camera from frequently turning on and off. These features are primarily for parking mode.
- **Dash Cam Reboots/Crashes:** Ensure you are using the original car charger. An unstable power supply can cause such issues.

8. SPECIFICATIONS

Product Dimensions	3.3 x 2.08 x 1.38 inches
Item Weight	1.03 pounds
Front Camera Resolution	2.5K (2560x1440P@30fps)

Rear Camera Resolution	1080P (1920x1080@30fps)
Display Screen	3-inch IPS Screen
Connectivity	Wi-Fi
Memory Card Support	Up to 256GB (64GB included)
Special Features	Super Night Vision, Loop Recording, G-Sensor, Parking Monitor, Reverse Camera, Dual Supercapacitor, Dual USB Charger
Power Source	Car Charger (Type C)

9. WARRANTY & SUPPORT

ssontong is committed to providing high-quality products and excellent customer service. For any questions, concerns, or technical support regarding your A16W Dash Cam, please contact the seller directly through your purchase platform. Many users have reported positive experiences with ssontong's customer service.