ssontong A16W Dash Cam Car Camera

ssontong A16W Dash Cam User Manual

Model: A16W Dash Cam Car Camera

1. INTRODUCTION

Thank you for choosing the ssontong A16W Dash Cam. This device is designed to provide reliable video recording of your driving experience, offering enhanced safety and evidence in case of incidents. It features 2.5K QHD video resolution, WiFi connectivity for app control, advanced night vision, G-sensor for emergency locking, loop recording, and parking monitoring capabilities.

Figure 1.1: ssontong A16W Dash Cam and Included Components.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present:

- ssontong A16W Dash Cam Unit
- Car Charger
- 128GB Memory Card (TF Card)
- Suction Cup Mount
- USB Card Reader (for PC playback)
- Pry Tool (for cable management)
- User Manual (this document)

Figure 2.1: Included 128GB Memory Card and Insertion Slot.

3. PRODUCT OVERVIEW

The ssontong A16W Dash Cam features a compact design with a 3-inch IPS display for clear viewing and easy navigation. It integrates a high-performance SONY Chip, GC CMOS sensor, and a 6G 170-degree wide-angle lens for optimal video capture.

Figure 3.1: 3-inch IPS Display for clear viewing.

3.1. Device Layout

- **Front Lens:** 170° wide-angle lens for comprehensive road coverage.
- **Display Screen:** 3-inch IPS screen for live view, playback, and settings.
- **Control Buttons:** Located on the side/bottom for menu navigation and operation.
- **MicroSD Card Slot:** For inserting the memory card.
- **USB Power Port:** For connecting the car charger.
- **Mounting Slot:** For attaching the suction cup mount.

4. SETUP

4.1. Inserting the Memory Card

1. Ensure the dash cam is powered off.
2. Locate the MicroSD card slot on the side of the dash cam.
3. Insert the provided 128GB memory card with the gold contacts facing the back of the camera until it clicks into place.
4. To remove, gently push the card in until it springs out.

Note: The dash cam supports up to a 256GB MicroSD card. It is recommended to format the memory card within the dash cam before first use and periodically thereafter to ensure optimal performance.

4.2. Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction cup mount to the dash cam's mounting slot.
3. Press the suction cup firmly against the windshield and flip the lever to secure it.
4. Adjust the camera angle to ensure a clear view of the road, ideally without obstructing your driving view. The mount allows for 180° vertical and 360° horizontal rotation for optimal positioning.

Figure 4.1: Adjustable Mounting for optimal viewing angle.

4.3. Power Connection

1. Connect the provided car charger to the USB power port on the dash cam.
2. Plug the other end of the car charger into your vehicle's cigarette lighter socket.
3. Route the power cable neatly along the windshield and dashboard trim using the provided pry tool to hide it.
4. The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on.

Figure 4.2: Car Charger with Dual USB Ports.

5. OPERATING INSTRUCTIONS

5.1. Basic Recording (Loop Recording)

The dash cam automatically starts recording when powered on. It utilizes loop recording, which means it continuously records video in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest "unlocked" video segments are overwritten to make space for new recordings. This ensures continuous recording without manual intervention.

Figure 5.1: Loop Recording and G-Sensor Functionality.

5.2. G-Sensor (Emergency Lock)

The built-in G-sensor detects sudden movements or impacts (e.g., collisions). When a significant shock is detected, the dash cam automatically locks the current video segment, preventing it from being overwritten by loop recording. These locked videos are saved in a separate folder on the memory card.

5.3. Parking Monitoring

With parking monitoring enabled, the dash cam will automatically power on and record a 20-second protected video if an impact is detected while your vehicle is parked. After recording, it will power off. For continuous 24/7 surveillance, a hardwire kit (sold separately) is recommended to provide constant power to the dash cam.
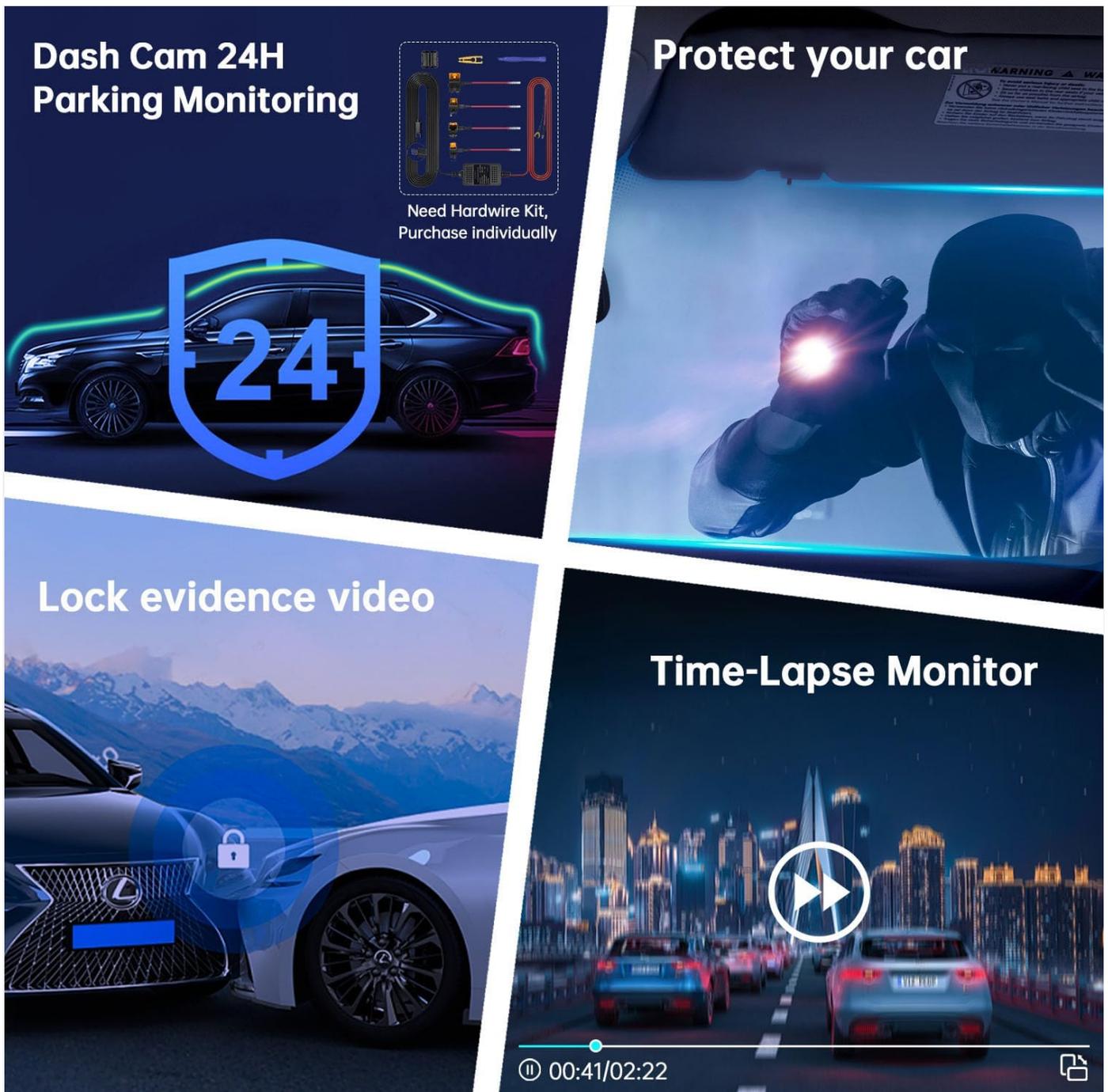
Figure 5.2: 24-Hour Parking Monitoring Features.

5.4. WiFi & App Control

The dash cam features built-in WiFi, allowing you to connect it to your smartphone via the free "Viidure" app (available for iOS and Android). Through the app, you can:

- View live video feed from the dash cam.
- Adjust dash cam settings.
- Playback recorded videos.
- Download videos directly to your smartphone.
- Edit and share footage.

Note: The effective WiFi connection range is approximately 3-5 meters (9.8-16.4 feet). Remote connection is not supported.

Figure 5.3: WiFi Connection and App Control Interface.

Download the "Viidure" app: https://www.6zhentan.com/app/d0001/index.html

5.5. Night Vision

Equipped with an f/1.8 aperture and a 6-layer optical lens, the dash cam's upgraded high-performance CMOS sensor provides superior night vision. It automatically balances exposure in low-light conditions, ensuring clear capture of details like license plates and road signs during nighttime driving.

Figure 5.4: Super Night Vision Capability.

5.6. Video Playback

Videos can be played back directly on the dash cam's 3-inch screen, or by removing the memory card and using the provided USB card reader to view footage on a computer. The "Viidure" app also allows for convenient playback on your smartphone.

Figure 5.5: Video Playback Options.

6. MAINTENANCE

6.1. Formatting the Memory Card

Regularly formatting the memory card (e.g., once a month) helps maintain its performance and prevents data corruption. This can typically be done through the dash cam's settings menu. Formatting will erase all data on the card, so back up any important videos first.

6.2. Cleaning the Device

Use a soft, dry cloth to clean the dash cam's lens and screen. Avoid using abrasive cleaners or solvents that could damage the device.

7. TROUBLESHOOTING

Problem	Possible Cause / Solution
Dash cam does not power on.	Check if the car charger is properly connected to the dash cam and the vehicle's cigarette lighter. Ensure the vehicle's ignition is on. Test the car charger in another vehicle or with another device if possible.
Dash cam stops recording or shows "card full" error.	Format the memory card regularly within the dash cam. Ensure you are using a high-speed (Class 10 or U3) MicroSD card. Check if the G-sensor sensitivity is too high, causing too many locked files. Adjust settings if necessary.
Video footage is blurry or unclear.	Clean the dash cam lens and your windshield. Ensure the protective film has been removed from the lens. Check if the camera is securely mounted and not vibrating.
Cannot connect to the "Viidure" app via WiFi.	Ensure WiFi is enabled on the dash cam and your smartphone. Be within the effective WiFi range (3-5 meters). Restart both the dash cam and your smartphone. Reinstall the "Viidure" app if issues persist.

8. SPECIFICATIONS

Feature	Detail
Model Name	A16W Dash Cam Car Camera
Video Capture Resolution	2.5K (2560x1440P) @ 30fps
Lens Angle	170 Degrees Wide Angle
Display Screen	3-inch IPS Display
Memory Card Support	TF Card, Max 256GB (128GB included)
Connectivity	Wi-Fi (for App Control)
Special Features	Built-In Display, Built-In Microphone, APP Control, Built-In WiFi, Compact Design, Loop Recording, Parking Monitor, Motion Sensing, Night Vision, G-Sensor
Operating Temperature	14°F to 170°F (-10°C to 75°C)
Dimensions	8.4 x 5.3 x 3.5 cm
Weight	280 g
Battery	Lithium Polymer (included)

Figure 8.1: Operating Temperature Range.

9. WARRANTY AND SUPPORT

ssontong offers a 12-month promise and lifetime technical support for this dash cam. If you encounter any issues or have questions, please contact our customer support team via Amazon or email for assistance or a free replacement.

For further assistance, please visit the official ssontong store on Amazon: ssontong Store