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## ssontong CABA

# ssontong CABA OB Power Cable for Dash Camera User Manual

Model: CABA

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ssontong CABA OB Power Cable and accompanying Dash Camera. Please read this manual thoroughly before use to ensure proper functionality and safety.

## PRODUCT OVERVIEW

### Package Contents

- ssontong CABA OB Power Cable (Type-C output)
- Dash Camera (Front only)
- 32GB Memory Card
- Suction Cup Mount
- USB Card Reader
- Installation Pry Tool
- Cable Clips



**Figure 1:** Complete sson tong CABA OBD Power Cable and Dash Camera kit, including the OBD power cable, dash camera, 32GB memory card, and installation accessories.

## Key Features

- **Wide Compatibility:** Compatible with vehicles featuring OBD or OBD2 ports, and Type-C USB devices.
- **Dual Work Modes:** ACC mode (ignition-controlled) and Monitor mode (24-hour continuous power).
- **Low Voltage Protection:** Automatically cuts power below 11.7V to protect the car battery.
- **Plug and Play Installation:** Simple connection to the vehicle's OBD2 port.
- **Dash Camera Features:** 1080FHD recording, 170° wide-angle lens, WDR technology, G-sensor, Loop Recording, Parking Monitoring.

## SETUP

### 1. Locate the OBD Port

The OBD (On-Board Diagnostics) port is typically located under the dashboard on the driver's side, often near the steering column or center console. Refer to your vehicle's manual if you have difficulty locating it.



## OBD or BOD II Distribution Postion



Figure 2: Common locations for the OBD or OBD II port within a vehicle's interior, typically found under the dashboard.

### 2. Install the Memory Card

Insert the provided 32GB memory card into the designated slot on the dash camera. Ensure it is inserted correctly until it clicks into place.

### 3. Mount the Dash Camera

Attach the suction cup mount to the dash camera, then secure the camera to your vehicle's windshield. Position it to ensure a clear view of the road ahead without obstructing your driving visibility.



Figure 3: The dash camera unit with its suction cup mount, ready for installation on the windshield.

#### 4. Connect the OBD Power Cable

1. Plug the OBD connector of the power cable into your vehicle's OBD port.
2. Connect the Type-C USB end of the power cable to your dash camera.
3. Use the provided pry tool and cable clips to neatly route and secure the cable along the vehicle's interior trim, ensuring it does not interfere with driving controls.



Figure 4: The Ssontong CABA OBD power cable, showing the Type-C output and the mode selection switch.

## OPERATING INSTRUCTIONS

### OBD Power Cable Modes

The OBD power cable features a switch to select between two operating modes:

- **Mode "O" (ACC Mode):**
  - Power output begins when the car is ignited.
  - Power supply automatically stops 20 minutes after the car is turned off.
  - Ideal for standard driving recording.
- **Mode "-" (Monitor Mode):**
  - Continuously supplies power for 24 hours.
  - Maintains operation until the car battery voltage drops below 11.7V, at which point power is automatically cut off to prevent battery drain.
  - Suitable for continuous parking monitoring.

### Dash Camera Functions

- **G-Sensor:** Detects sudden impacts or collisions. When triggered, the current video segment is automatically locked and protected from being overwritten during loop recording.

- **Loop Recording:** The camera continuously records. When the memory card is full, the oldest unlocked video files are automatically overwritten by new recordings. Locked videos are not overwritten.
- **Parking Monitoring:** When the vehicle is parked, the dash camera can detect impacts and automatically begin recording, providing 24-hour surveillance when the OBD power cable is in Monitor Mode.

The infographic is divided into three horizontal panels, each with a blue background and white text. The top panel shows a collision between a white and a red car with a padlock icon, titled 'G-sensor Dashcams for Cars'. The middle panel shows a filmstrip of various driving scenes with a play button icon, titled 'Loop Recording Dash Cam Front'. The bottom panel shows a car with a '24 HOURS' clock and a parking 'P' sign, titled 'Parking Monitoring Car Dash Camera'.

**G-sensor Dashcams for Cars**  
 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 Front**  
 Auto overwrite the oldest videos to save the current files when the card is full.  
 (NOTE: locked videos cannot be overwritten)

**Parking Monitoring Car Dash Camera**  
 Detects an impact, dash 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.)

Figure 5: Visual explanation of the G-sensor, Loop Recording, and Parking Monitoring functionalities of the dash camera.

### Advanced Dash Camera Features

- **170° Wide Angle Lens:** Provides a broad field of view, covering multiple lanes of traffic to reduce blind spots.
- **WDR Technology:** Wide Dynamic Range technology enhances video quality in varying light conditions, ensuring clear recordings in both bright and dark environments.
- **Night Vision:** Equipped with a Sony Sensor, 6-Glass Lens, and F1.8 Aperture for improved clarity in low-light conditions, capturing details like license plates more effectively.



Figure 6: The 170-degree wide-angle lens captures a broad view of the road, monitoring multiple lanes of traffic.

**Too Bright**      **WDR ON**      **Too Dark**

## WDR Technology Dash Camera

- Hidden 4 IR LED Lights
- 6-Glass Wide Angle Lens
- F1.8 Aperture
- Provide Superior Images
- Capture Number Plates

**Figure 7:** Demonstration of WDR (Wide Dynamic Range) technology, showing improved image clarity in conditions that are either too bright or too dark.

# Super Night Vision Car Camera

Dashcam W/ WDR technology and F1.8 6 glass lens ensure clear night vision  
Even at night, details such as license plates can be recorded more clearly.



Sony Sensor



6-Glass Lens



F1.8 Aperture



Figure 8: Key components contributing to the dash camera's super night vision, including a Sony Sensor, 6-Glass Lens, and F1.8 Aperture.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the dash camera lens and screen. Avoid abrasive cleaners.
- **Memory Card:** Periodically format the memory card (e.g., once a month) within the dash camera settings to ensure optimal performance and prevent data corruption. Back up any important videos before formatting.
- **Cable Inspection:** Regularly check the OBD power cable for any signs of wear or damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dash camera does not power on.	<ul style="list-style-type: none"> <li>◦ OBD cable not properly connected.</li> <li>◦ Vehicle's OBD port issue.</li> <li>◦ OBD cable in ACC mode and vehicle is off.</li> <li>◦ Car battery voltage too low (below 11.7V).</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure the OBD cable is securely plugged into both the OBD port and the dash camera.</li> <li>◦ Check if the vehicle's ignition is on (for ACC mode).</li> <li>◦ Switch the OBD cable to Monitor Mode ("-") for continuous power.</li> <li>◦ Check car battery health.</li> </ul>
Dash camera stops recording unexpectedly.	<ul style="list-style-type: none"> <li>◦ Memory card full (if loop recording is off or locked files occupy too much space).</li> <li>◦ Memory card error.</li> <li>◦ Power interruption.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure loop recording is enabled.</li> <li>◦ Format the memory card. Replace if issues persist.</li> <li>◦ Check power cable connection.</li> </ul>
Poor video quality.	<ul style="list-style-type: none"> <li>◦ Dirty lens.</li> <li>◦ Incorrect settings.</li> <li>◦ Extreme lighting conditions.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Clean the camera lens.</li> <li>◦ Check dash camera settings (e.g., resolution, WDR).</li> <li>◦ WDR technology helps in varying light, but extreme conditions can still affect quality.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Brand	ssontong
Model Name	CABE
Power Input	OBD/OBD2 Port (12-24V)
Power Output	Type-C USB
Low Voltage Protection	11.7V (Automatic Cut-off)
Dash Camera Resolution	1080FHD
Lens Angle	170° Wide Angle
Storage	32GB Memory Card (Included)
Special Features	G-Sensor, Loop Recording, Parking Monitoring, WDR, Night Vision
Compatible Devices	Dash Cam, GPS Navigator, Radar Detector (Type-C)

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official ssontong website. Keep your proof of purchase for warranty claims.

