

Sanpyl Sanpylskbofg43at

Sanpyl Triple Car Camera Dash Cam (Model: Sanpylskbofg43at) Instruction Manual

Comprehensive Guide for Setup, Operation, and Maintenance

1. INTRODUCTION

Thank you for choosing the Sanpyl Triple Car Camera Dash Cam. This device is designed to provide comprehensive surveillance of your vehicle's surroundings and interior, enhancing driving safety and providing crucial evidence in case of incidents. This manual will guide you through the installation, operation, and maintenance of your dash cam to ensure optimal performance.

2. PRODUCT OVERVIEW

The Sanpyl Triple Car Camera Dash Cam features a three-channel recording system, capturing video from the front, interior, and rear of your vehicle. Key features include:

- **Triple Camera Coverage:** Front camera (1920x1080), interior camera (1280x720), and rear camera (640x480) for complete vehicle monitoring.
- **Wide Angle Front Lens:** A 140 to 170-degree high-definition front lens captures a broad field of view.
- **2 Inch LCD Display:** A user-friendly screen for convenient recording review and management directly on the device.
- **Enhanced Rear Camera Features:** Provides reversing assistance and records rear-end collisions.
- **WiFi Connectivity:** Supports wireless connections for real-time viewing and downloading footage to smartphones or tablets via a dedicated app.
- **Loop Recording:** Automatically overwrites the oldest files when the memory card is full, ensuring continuous recording.
- **Built-in G-Sensor:** Detects sudden impacts or collisions and automatically locks the current video footage to prevent it from being overwritten.

Total 360° Surveillance

-  1080P Front:
Wide Angle
-  720P Cabin:
Infrared Night Vision
-  480P Rear:
Waterproof Backup

2 Inch LCD Display

WiFi Connectivity



Image: Illustration of the dash cam's 360-degree surveillance capability, showing front, cabin, and rear camera coverage.



Image: Split screen showing simultaneous views from the front (road), interior (cabin), and rear cameras.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Sanpyl Triple Car Camera Dash Cam Unit
- Rear Camera with Cable

- Car Charger
- Mounting Bracket (with adhesive pad)
- USB Cable
- User Manual (this document)
- 32GB Micro SD Card (pre-installed or included separately)



Image: The dash cam unit, rear camera, car charger, mounting bracket, and cables included in the package.

4. SETUP

4.1 Inserting the Micro SD Card

1. Ensure the dash cam is powered off.
2. Locate the Micro SD card slot on the side of the dash cam.
3. Insert the Micro SD card with the gold contacts facing the back of the dash cam until it clicks into place.
4. To remove, gently push the card in until it clicks, then release.

Note: A Class 10 or higher Micro SD card (up to 128GB) is recommended for reliable recording. Format the card regularly to maintain performance.

4.2 Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the dash cam. Ensure it does not obstruct your driving view.
2. Attach the adhesive mounting bracket to the dash cam.
3. Remove the protective film from the adhesive pad on the bracket.
4. Firmly press the dash cam onto the chosen spot on the windshield for at least 30 seconds.
5. Adjust the lens angle to ensure the front camera captures the road ahead clearly.

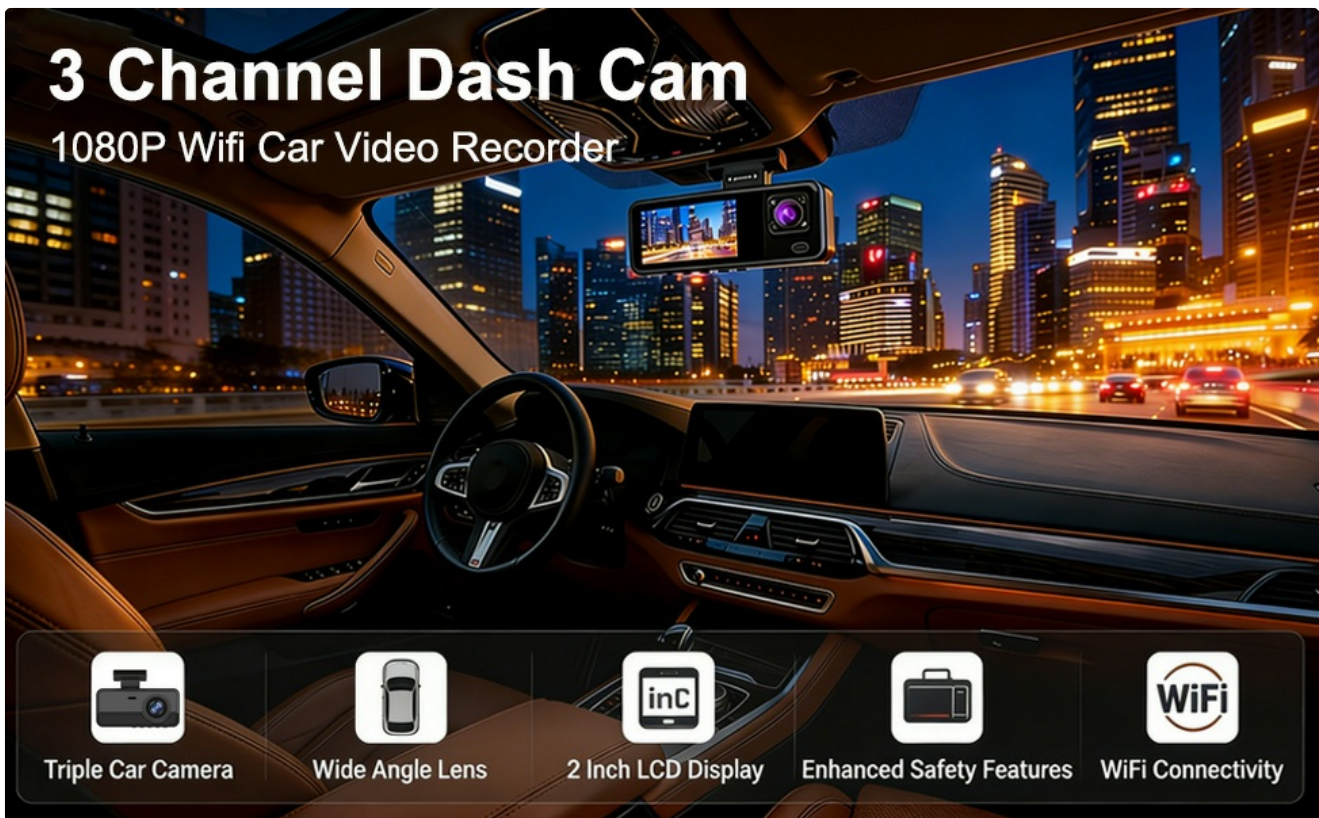


Image: The dash cam unit mounted on the car's windshield, showing its position relative to the driver's view.

4.3 Installing the Rear Camera

1. Mount the rear camera on the rear windshield or license plate area using its adhesive or screws.
2. Route the rear camera cable to the main dash cam unit, ensuring it does not interfere with vehicle operations.
3. Connect the rear camera cable to the designated port on the main dash cam unit.

4.4 Power Connection

1. Connect the car charger to the dash cam's power input port.
2. Plug the other end of the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
3. The dash cam will automatically power on and begin recording when the vehicle's ignition is turned on.

5. OPERATING INSTRUCTIONS

5.1 Basic Recording

Once powered on, the dash cam will automatically start recording in a continuous loop. Video files are saved in segments (e.g., 1, 3, or 5 minutes) to the Micro SD card. When the card is full, the oldest unlocked files will be overwritten by new recordings.

WiFi connectivity

The device supports interconnection with the WIFI hotspot of the mobile phone. Easy to operate the device's functions and preview the screen. At the same time, it is convenient to upload and share key videos to the phone's memory.



Image: A circular diagram showing how loop recording continuously records and overwrites older footage when the memory card is full.

5.2 G-Sensor (Emergency Recording)

The built-in G-sensor detects sudden acceleration, braking, or collisions. When triggered, the current video segment is automatically locked and saved to a protected folder on the Micro SD card, preventing it from being overwritten by loop recording. This ensures critical incident footage is preserved.

1080P HD resolution



Image: Two individuals inspecting car damage, with an overlay indicating the G-sensor automatically locking video footage during an emergency.

5.3 Parking Assistance (Rear Camera)

When the vehicle is put into reverse gear (and the rear camera is correctly wired to the reverse light trigger), the dash cam display will automatically switch to the rear camera view, often with parking guidelines, to assist with parking maneuvers.

Built in G sensor, when emergency braking or collision is detected, the video and pictures are saved separately without being overwritten, and the real accident scene can be viewed and restored through the APP at any time



Image: The dash cam screen displaying the rear camera feed with visual parking assistance guidelines, showing a car backing into a parking spot.

5.4 WiFi Connectivity and App Usage

The dash cam supports WiFi connectivity, allowing you to connect your smartphone or tablet to the device for real-time viewing, downloading, and managing recordings.

1. Download the dedicated dash cam app from your device's app store (refer to the dash cam's on-screen instructions or packaging for the app name).
2. On the dash cam, enable WiFi mode (usually via the menu settings). The dash cam will broadcast a WiFi network.
3. On your smartphone/tablet, go to WiFi settings and connect to the dash cam's WiFi network (SSID and password will be displayed on the dash cam screen).
4. Open the app to view live footage, browse recorded videos, download files to your phone, and adjust settings.

170 degree wide angle

The front lens has a wide angle high definition recording, covering a range of 3 lanes, providing a broad field of view, and the front and rear surveillance ensures no blind spots.



Image: A smartphone screen showing live video feed from the dash cam, demonstrating WiFi connectivity for remote viewing.

6. MAINTENANCE

6.1 Formatting the Micro SD Card

It is recommended to format the Micro SD card once a month to prevent data corruption and ensure optimal recording performance. This can usually be done through the dash cam's menu settings.

6.2 Cleaning the Lenses and Screen

Use a soft, lint-free cloth to gently wipe the camera lenses and the LCD screen. Avoid using abrasive cleaners or solvents, as they may damage the surfaces.

6.3 Environmental Considerations

Avoid exposing the dash cam to extreme temperatures for prolonged periods. If the vehicle is parked in direct sunlight during hot weather, consider removing the dash cam or using a sunshade to protect it.

7. TROUBLESHOOTING

7.1 Dash Cam Not Powering On

- Check if the car charger is securely plugged into both the dash cam and the vehicle's 12V outlet.
- Ensure the vehicle's 12V outlet is receiving power (test with another device if possible).
- Try a different car charger or USB cable if available.

7.2 Recording Stops or Freezes

- Format the Micro SD card through the dash cam's settings.
- Ensure you are using a high-speed (Class 10 or higher) Micro SD card.
- Try a different Micro SD card to rule out card issues.
- Check for firmware updates (if applicable, refer to manufacturer's website).

7.3 Poor Video Quality

- Clean the camera lenses with a soft cloth.
- Ensure the protective film has been removed from the lenses.
- Check video resolution settings in the dash cam menu; ensure it's set to 1080P for the front camera.

Visual Parking Assistance Function



Image: A visual comparison demonstrating the difference in clarity between 720P and 1080P video resolutions for dash cam footage.

7.4 WiFi Connection Issues

- Ensure WiFi is enabled on the dash cam and your smartphone.
- Verify you are connecting to the correct WiFi network broadcast by the dash cam.
- Restart both the dash cam and your smartphone.
- Ensure the dash cam app is up to date.

8. SPECIFICATIONS

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|-----------------------------------|------------------|
| Brand | Sanpyl |
| Model Number | Sanpylskbofg43at |
| Front Camera Resolution | 1920x1080P |
| Interior Camera Resolution | 1280x720P |

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|--------------------------------|--|
| Rear Camera Resolution | 640x480P |
| Front Camera Angle | 140-170 degrees |
| Display | 2.0 Inch LCD |
| Connectivity Technology | WiFi |
| Storage | Micro SD Card (up to 128GB, Class 10 recommended) |
| Special Features | Loop Recording, G-Sensor, Parking Assistance, Adjustable |
| Product Dimensions | 5.91"D x 4.33"W x 2.76"H (150mm x 110mm x 70mm) |



Image: Technical drawing illustrating the physical dimensions of the dash cam unit.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This Sanpyl product is covered by a manufacturer's warranty for 90 days from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Sanpyl customer support. Refer to the contact information provided on the product packaging or the official Sanpyl website.