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POYBPCY Q19

POYBPCY Q19 2K Quad HD Dash Cam User Manual

Model: Q19 | Brand: POYBPCY

INTRODUCTION

The POYBPCY Q19 Dash Cam is a high-performance vehicle recording device designed to capture your journeys in stunning 2K Quad HD resolution. Featuring a 3-inch IPS screen, a 170-degree wide-angle lens, and advanced night vision capabilities, it provides clear and comprehensive footage for your safety and peace of mind. Equipped with essential functions like G-Sensor for incident detection, loop recording, and parking monitoring, the Q19 ensures reliable performance in various driving conditions.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x POYBPCY Q19 2K Dash Cam
- 1 x 64 GB SD Card
- 1 x Car Charger (Type-C)
- 1 x Car Suction Mount
- 1 x User Manual

SETUP & INSTALLATION

1. Inserting the SD Card

The 64GB SD card is pre-inserted into the dash cam. If you need to remove or re-insert it, ensure the dash cam is powered off. Gently push the SD card into the slot until it clicks into place. To remove, push it again until it springs out.

**64GB SD Card
is Included**

**Type C power cable
with USB port**

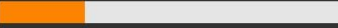


| | | |
|------|-----------------------------------------------------------------------------------|------------|
| 32G |  | 5hr 43min |
| 64G |  | 11hr 17min |
| 128G |  | 22hr 34min |



Image: The dash cam with the 64GB SD card inserted into its slot and a Type-C car charger with an additional USB port.

2. Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction mount to the dash cam.
3. Press the suction cup firmly against the windshield and flip the lever to secure it.
4. Adjust the angle of the dash cam to ensure a clear view of the road ahead.



Image: The POYBPCY Q19 Dash Cam attached to a car windshield using its suction mount, showing the front camera and the display screen.

3. Power Connection

1. Connect the Type-C end of the car charger cable to the dash cam's power port.
2. Plug the other end of the car charger into your vehicle's cigarette lighter socket.
3. Route the cable neatly along the windshield trim to avoid obstructing your view.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** The dash cam will automatically power on and begin recording when your vehicle starts, and power off when the vehicle is turned off. You can also manually power it on/off by pressing and holding the power button.
- **Screen Display:** The 3-inch IPS screen provides a real-time view of the recording.

Video Recording Features

- **Loop Recording:** The dash cam continuously records video in segments (e.g., 1, 3, or 5 minutes). When the SD card is full, it automatically overwrites the oldest unlocked footage to ensure continuous recording.
- **G-Sensor (Incident Lock):** In the event of a sudden impact or collision, the built-in G-Sensor automatically detects the event and locks the current video segment, preventing it from being overwritten by loop recording.
- **One Click Lock:** If you witness an event you wish to save manually, press the 'Lock' button on the dash cam. This will protect the current recording from being overwritten.

Emergency Lock

Emergency lock video in the event of a collision prevents important files be overwritten.



Image: An illustration demonstrating the Emergency Lock feature, where a collision triggers the G-Sensor to lock the video footage.

Parking Monitoring (24H Parking Mode)

When enabled, the 24H Parking Mode provides continuous protection for your vehicle even when parked. It utilizes motion detection and G-Sensor triggers to record events. A hardwire kit (not included) is required for continuous power to enable this feature.

24H Parking Mode

Motion Trigger & G Sensor Trigger

(Hard wire kit is needed! Not Included!)

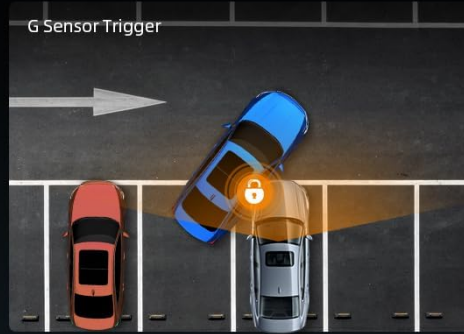


Image: Visual representation of the 24H Parking Mode, showing how motion and G-Sensor triggers activate recording when the vehicle is parked.

Superior Night Vision & WDR

The Q19 Dash Cam is equipped with an F1.8 aperture lens and Wide Dynamic Range (WDR) technology. This combination significantly enhances image quality in low-light conditions and at night, ensuring clear and detailed recordings by balancing exposure in challenging lighting environments.

Super Night Vision

Featured with advanced night vision technology that allows this dash cam to capture clear and detailed video footage in low-light conditions.



F1.8 Aperture

WDR

WDR Tech



Night Vision



Image: A night scene captured by the dash cam, demonstrating the clarity provided by the Super Night Vision feature.

Screensaver & One Click Lock

The screensaver function allows the display to go dark after a set time, reducing distraction while driving, but recording continues. The One Click Lock feature enables manual saving of important video segments with a single button press.



Image: A split image showing the dash cam's screensaver displaying time and date, and a hand pressing the 'One Click Lock' button

to save footage.

Low Frame Rate Recording (Time-Lapse)

In time-lapse mode, the dash cam captures photos at specified intervals (e.g., 1s or 2s) and stitches them into a video. This feature is useful for long-term monitoring and significantly saves space on your SD card.

Low Frameate Recording

In time lapse mode, this dash cam will keep taking photos at different intervals(1s,or 2s) and splice the photos into a video,greatly saving space on your SD card.



Image: An illustration of the Low Frame Rate Recording feature, depicting a series of still images being captured over time in a parking garage.

Key Features in Action

Video: An official product video showcasing the POYBPCY Q19 2K Dash Cam's main features, including 2K Quad HD recording, 64GB SD card inclusion, G-sensor, loop recording, auto screen off, wide dynamic range, super night vision, 170-degree wide angle recording, and one-click lock functionality.

TROUBLESHOOTING

If you encounter issues with your POYBPCY Q19 Dash Cam, please refer to the following common problems and solutions:

- **Dash Cam Does Not Power On/Off Automatically with Vehicle:**

Ensure the car charger is securely plugged into both the dash cam and the vehicle's cigarette lighter socket. Verify that the vehicle's power outlet is functioning. Some vehicles may require the ignition to be in the 'ACC' or 'ON' position for the outlet to be active. Check dash cam settings for auto power on/off options.

- **Screen Does Not Turn Off (Screensaver Issue):**

The dash cam has a screensaver function that can display a clock or turn the screen dark. Check the settings menu for 'Screensaver' options and adjust to your preference. If the screen remains on despite settings, ensure the firmware is up to date.

- **Poor Video Quality (Blurry, Washed Out, Over-exposed):**

Ensure the camera lens is clean and free from smudges or dirt. Check the video resolution settings on the dash cam; ensure it is set to 2K (1440P) for optimal quality. Verify that the protective film has been removed from the lens. Environmental factors like extreme glare or very low light can affect video quality, though WDR and night vision are designed to mitigate this.

- **Audio Recording is Distorted:**

Check the audio recording settings in the dash cam menu. Ensure the microphone is not obstructed. If the issue persists, try resetting the dash cam to factory settings.

- **SD Card Error/Recording Issues:**

Ensure the SD card is properly inserted. Format the SD card periodically (at least once a month) using the dash cam's menu to maintain optimal performance and prevent data corruption. Use a high-speed (Class 10 or U3) SD card. If the issue continues, the SD card may be faulty and require replacement.

SPECIFICATIONS

Detailed technical specifications for the POYBPCY Q19 Dash Cam:

| Feature | Description |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Dimensions | 0.63 x 3.35 x 1.93 inches |
| Item Weight | 2.47 ounces |
| Video Capture Resolution | 1440p (2K Quad HD) |
| Screen Size | 3-inch IPS |
| Wide Angle Lens | 170° |
| Aperture | F1.8 |
| Special Features | G-Sensor, Night Vision, Parking Monitor, WDR, Built-In Microphone, Loop Recording, Emergency Video Locking, Motion Detection, Screensaver, One Click Lock |
| Connectivity Technology | USB (Type-C power cable) |
| Included SD Card | 64 GB |
| Mounting Type | Windshield Mount (Suction Cup) |

| Feature | Description |
|--------------|----------------------------------|
| Power Source | Car Charger (12V/24V) |
| Battery | 1 Lithium Ion battery (included) |

WARRANTY & SUPPORT

The POYBPCY Q19 Dash Cam is backed by a **36-month warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use. We are committed to providing excellent customer service.

For any questions, technical assistance, or warranty claims, please contact our support team:

- **Online Support:** Available within 24 hours.
- **Technical Support:** Lifetime technical support is provided for this product.

Please refer to the contact information provided on the product packaging or our official website for the most up-to-date support channels.