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› UNITOPSCI P2 9.66-inch Mirror Dash Cam User Manual

UNITOPSCI P2

UNITOPSCI P2 9.66-inch Mirror Dash Cam User Manual

Model: P2 | Brand: UNITOPSCI

INTRODUCTION

Thank you for choosing the UNITOPSCI P2 9.66-inch Mirror Dash Cam. This device is designed to enhance your driving safety and provide reliable recording of your journeys. It features high-definition front and rear cameras, advanced night vision, motion detection, loop recording, and a 24-hour parking monitor. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x Mirror Dash Cam
- 1 x Backup Camera
- 1 x 64GB Card
- 1 x Extended Line
- 1 x Power Cord
- 1 x User Manual
- 1 x Bandage
- 1 x Accessories Parts

Package List and Product Size



Figure 1: Package contents and product dimensions of the UNITOPSCI P2 Mirror Dash Cam.

PRODUCT FEATURES

- **HD 1080P Front & Rear Recording:** Captures clear video footage from both the front and rear of your vehicle.
- **9.66-inch HD IPS Full Touch Screen:** Provides a wide field of view and intuitive touch control for easy operation.
- **Enhanced Night Vision & WDR Technology:** Utilizes a high-quality chip and sensor with WDR & HDR technology to reduce glare and capture clear videos in low-light conditions.
- **G-Sensor Emergency Recording:** Automatically locks and saves video footage during collisions to prevent overwriting.
- **Loop Recording:** Continuously records by overwriting the oldest unlocked files when the memory card is full. Supports up to 128GB TF card (64GB card included).
- **24H Parking Monitoring:** Detects collisions and starts recording when the vehicle is parked (requires separate hardwire kit).
- **Motion Detection:** Records when motion is detected in front of the camera, providing security while parked.
- **Reversing Assist:** Automatically displays a clear reversing image with parking guidelines when the vehicle is in reverse.

- **Multiple Display Modes:** Supports 5 display modes including front only, rear only, and various split-screen options.

Perfect 9.66" Inch Dash Cam



Touch to Best View Angle



Figure 2: The 9.66-inch screen size offers an optimal view, and the touch interface allows for easy adjustment of the display angle.

Super Night Vision

Upgraded sensor and WDR & HDR technology



Figure 3: Enhanced night vision and WDR technology provide clear recordings in various lighting conditions, including low light.

Front and Rear Dual Cameras with 5 Display Modes



Front camera



Rear+ Front camera



Rear camera



Front+Rear camera



Front+Rear camera

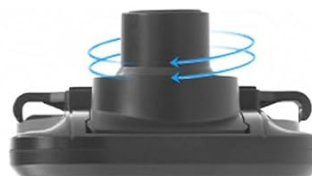


Figure 4: The dash cam supports five distinct display modes for flexible viewing of front and rear camera feeds.

INSTALLATION

Follow these general steps for installing your UNITOPSCI P2 Mirror Dash Cam. For detailed vehicle-specific instructions, consult your vehicle's manual or a professional installer.

1. **Mount the Mirror Dash Cam:** Securely attach the mirror dash cam over your existing rearview mirror using the provided bandages. Ensure the front camera has an unobstructed view of the road.
2. **Connect Power:** Plug the power cord into the dash cam and route it along the windshield trim to your vehicle's 12V power outlet (cigarette lighter socket).
3. **Install Rear Camera:** Mount the backup camera at the rear of your vehicle, typically above the license plate. Ensure it has a clear view.
4. **Route Rear Camera Cable:** Connect the extended line from the rear camera to the main dash cam unit. Carefully route the cable along the vehicle's interior trim to conceal it.
5. **Connect Reverse Trigger (Optional):** For the reversing assist feature, connect the red wire from the extended line to your vehicle's reverse light positive wire. This allows the dash cam to automatically display the rear view with parking

guidelines when you shift into reverse.

6. **Insert SD Card:** Insert the provided 64GB TF card into the designated slot on the dash cam.



Figure 5: Visual guide for the installation of the UNITOPSCI P2 Mirror Dash Cam and its components.

OPERATION

The UNITOPSCI P2 Mirror Dash Cam features an intuitive touch screen interface for easy control.

Power On/Off

- The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on.
- It will automatically power off when the ignition is turned off.
- You can manually power on/off by pressing and holding the power button.

Touch Screen Interface

The 9.66-inch IPS touch screen allows for various interactions:

- **Swipe Left/Right:** Switch between front camera view, rear camera view, and split-screen views.
- **Swipe Up/Down:** Adjust the vertical viewing angle of the camera (if supported by the current display mode).
- **Tap Icons:** Access settings, playback, and other functions displayed on the screen.

Recording Modes

- **Loop Recording:** Once the SD card is full, the dash cam will automatically overwrite the oldest unlocked video files. Ensure important footage is locked or backed up.
- **G-Sensor (Emergency Recording):** In the event of a sudden impact or collision, the built-in G-sensor will detect the event and automatically lock the current video file, preventing it from being overwritten by loop recording.
- **Parking Monitor:** With a hardwire kit (sold separately), the dash cam can monitor your vehicle 24 hours a day. If a collision is detected while parked, it will automatically wake up and record a short video.
- **Motion Detection:** When enabled, the dash cam will start recording if it detects movement in front of the vehicle while parked.



Figure 6: G-Sensor, Parking Monitor, and Loop Recording functions for comprehensive vehicle surveillance.

Reversing Assist

When the vehicle is shifted into reverse (and the reverse trigger wire is connected), the dash cam screen will automatically switch to the full-screen rear camera view, displaying parking guidelines to assist with safe parking. The height and position of these guidelines can be adjusted manually through the settings.



Figure 7: Automatic display of parking lines for reversing assistance.

SPECIFICATIONS

Brand	UNITOPSCI
Model Name	UNITOPSCI Mirror Dash Cam
Vehicle Service Type	Bus, Car, Minivan, RV, Tractor, Truck, UTV
Connectivity Technology	Wired Connection
Special Features	HD IPS Full Touch Screen, Loop Recording, Motion Detection and G-Sensor, Night Vision, Reverse Assist

Video Capture Resolution	1080p
Mounting Type	Rearview Mirror Mount
Color	P2
Field Of View	150 Degrees
Control Method	Touch
Screen Size	9.66 Inches
Flash Memory Type	SD
Auto Part Position	Rear
Are Batteries Included	No
Display Type	IPS
Compatible Devices	Car, Truck
Frame Rate	30
Real Angle of View	150 Degrees
Included Memory Card Size	64 GB
Flash Memory Supported Size Maximum	128 GB
Auto Part Orientation	Front
Item Dimensions D x W x H	0.4"D x 9.66"W x 2.7"H

TROUBLESHOOTING

If you encounter issues with your UNITOPSCI P2 Mirror Dash Cam, please refer to the following common solutions:

- **Dash Cam Not Powering On:** Ensure the power cord is securely connected to both the dash cam and the vehicle's 12V power outlet. Check if the vehicle's power outlet is functioning.
- **Recording Issues:** Verify that the SD card is properly inserted and formatted. If the card is full, ensure loop recording is enabled or manually delete old files. Check the SD card for errors or damage.
- **Rear Camera Not Displaying:** Confirm that the extended line connecting the rear camera to the main unit is securely plugged in. Check the rear camera for any physical damage or obstructions.
- **Poor Video Quality:** Clean the camera lenses of both the front and rear cameras. Ensure the protective film has been removed from the lenses and screen. Adjust exposure settings if necessary.
- **Parking Monitor Not Working:** Ensure a hardwire kit is installed correctly and providing continuous power to the dash cam. Check the sensitivity settings for parking monitoring.
- **Screen Freezing/Unresponsive:** Try restarting the device by disconnecting and reconnecting the power. If the issue persists, a factory reset may be required (refer to device settings).

WARRANTY AND SUPPORT

The UNITOPSCI P2 Mirror Dash Cam comes with a **2-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical assistance, troubleshooting, or warranty claims, please contact UNITOPSCI customer support. You can typically find contact information on the product packaging or through the retailer where the product was purchased.