

Transcend DrivePro 250

Transcend DrivePro 250 Dash Cam User Manual

Model: DrivePro 250 (TS-DP250A-32G)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Transcend DrivePro 250 Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience. The DrivePro 250 is designed to capture high-resolution video footage of your journeys, offering enhanced safety and incident recording capabilities.



Image 1.1: Front and screen view of the Transcend DrivePro 250 Dash Cam.

2. WHAT'S IN THE Box

Verify that all items listed below are included in your package:

- DrivePro 250 Dash Cam
- microSD memory card (32GB)
- Suction Car mount
- Car lighter adapter
- Quick Start Guide



Image 2.1: The package contents including the dash cam, microSD card, suction mount, car adapter, and quick start guide.

3. PRODUCT FEATURES

The Transcend DrivePro 250 is equipped with several advanced features to enhance your driving safety and recording experience:

3.1. STARVIS High-Sensitivity Image Sensor

The DrivePro 250 utilizes a STARVIS high-sensitivity image sensor to capture high-resolution videos with excellent tonal gradation, even in low-light conditions. This ensures clear and detailed footage during both day and night driving.

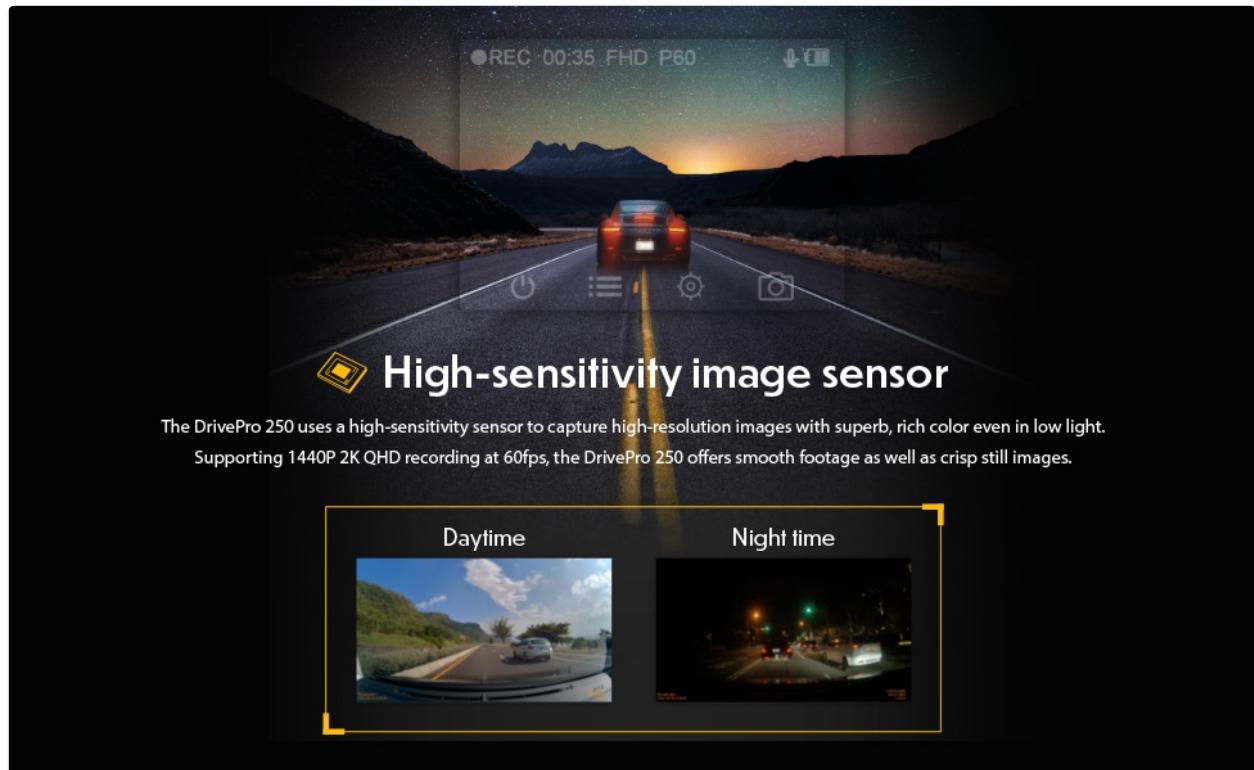


Image 3.1: Visual representation of the high-sensitivity image sensor's performance in both daytime and nighttime conditions.

3.2. Built-in GPS/GLONASS Receiver

The integrated GPS/GLONASS receiver logs your driving path and records precise coordinates, date, and time into the video footage. This information can be crucial for incident reporting to law enforcement or insurance companies.



Built-in battery

In the event of a power outage, the built-in Li-Polymer battery can temporarily supply power to the DrivePro dashcam until the files being recorded are safely stored, so to prevent losing crucial images due to file damage.



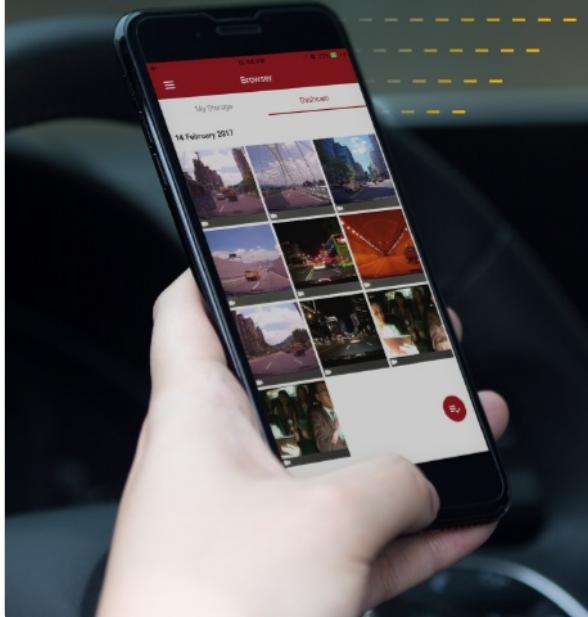
Image 3.2: The dash cam display showing GPS/GLONASS data overlay, indicating location and time information.

3.3. Built-in Wi-Fi Function

The DrivePro 250 features Wi-Fi connectivity, allowing you to connect to the exclusive DrivePro App on your mobile device. This enables real-time video playback, footage download, and easy access to video evidence without removing the memory card.



Wi-Fi connectivity



The DrivePro 250 features Wi-Fi connectivity that works with the exclusive DrivePro App to provide real-time footage playback and download. This means ease of access to video evidence for reporting incidents to law enforcement and insurance companies without the need to pull out the memory card.



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App Store

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Google Play

Image 3.3: A smartphone connected to the dash cam via Wi-Fi, showing the DrivePro App interface for viewing and managing recordings.

3.4. Built-in Battery

A built-in Li-Polymer battery provides temporary power to the DrivePro 250 in the event of a power outage. This ensures that currently recording files are safely stored, preventing the loss of crucial images due to sudden power loss.

Inside the package



Optional Hardwire Power Cable (micro-USB)

Transcend's hardwire power cable allows users to wire their DrivePro dashcams directly into their vehicle's fuse box. Transcend's hardwire power cable has built-in power protection circuitry to prevent damage to either your vehicle or your DrivePro dashcam in the case of a short circuit or power surge.



Image 3.4: The dash cam with a visual representation of its internal battery providing power, useful during unexpected power interruptions.

3.5. Parking Mode and Time-Lapse Video

The DrivePro 250 includes a parking mode feature that continuously safeguards your vehicle while parked. Time-lapse video recording can also be activated to monitor your vehicle over extended periods, capturing events efficiently.

3.6. Handy Snapshot Button

A dedicated snapshot button allows for quick capture of still images during video recording, providing instant photographic evidence when needed.

4. SETUP

Follow these steps to set up your Transcend DrivePro 250 Dash Cam:

4.1. Insert the microSD Card

1. Ensure the dash cam is powered off.
2. Locate the microSD card slot on the side of the device.
3. Gently insert the provided microSD card into the slot until it clicks into place.

4.2. Mount the Dash Cam

1. Clean the desired area on your windshield, preferably near the rearview mirror, to ensure a strong suction.
2. Attach the suction car mount to the dash cam.
3. Press the suction cup firmly against the windshield and engage the locking lever to secure it.
4. Adjust the angle of the dash cam to ensure a clear view of the road ahead.



Transcend's DrivePro 250 dashcam is a feature-packed, advanced dash camera with its GPS/GLONASS receiver, built-in battery, handy snapshot button, and Wi-Fi connectivity. It comes bundled with a Transcend microSD memory card built of high-quality NAND flash and tested under harsh environmental conditions.

Image 4.1: The dash cam securely mounted on the car's windshield, positioned for optimal road visibility.

4.3. Connect to Power

1. Connect the car lighter adapter to your vehicle's 12V power outlet.
2. Plug the other end of the power cable into the micro-USB port on the dash cam.
3. Route the cable neatly to avoid obstructing your view or interfering with driving controls.



Wi-Fi connectivity

The DrivePro 250 features Wi-Fi connectivity that works with the exclusive DrivePro App to provide real-time footage playback and download. This means ease of access to video evidence for reporting incidents to law enforcement and insurance companies without the need to pull out the memory card.



Image 4.2: The dash cam connected to the car's power source using the included car lighter adapter.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on.
- To manually power on/off, press and hold the power button located on the device.

5.2. Basic Recording

- Once powered on, the dash cam will automatically start loop recording. Older files will be overwritten when the memory card is full, unless they are protected.
- In the event of a collision or sudden impact, the G-Sensor will automatically trigger emergency recording, protecting the current video segment from being overwritten.

5.3. Using the Snapshot Button

Press the dedicated snapshot button on the dash cam to instantly capture a still image during video recording. This image will be saved separately and protected from loop recording.

5.4. Wi-Fi Connectivity and DrivePro App

1. Download the Transcend DrivePro App from the App Store (iOS) or Google Play Store (Android).
2. Enable Wi-Fi on your DrivePro 250 via the device settings.
3. On your smartphone, connect to the Wi-Fi network broadcast by the DrivePro 250 (SSID and password can be found in the dash cam's Wi-Fi settings).
4. Open the DrivePro App to view live footage, browse recorded videos, download files to your phone, and adjust settings.

5.5. DrivePro Toolbox Software

For advanced video management on your computer, download and install the free DrivePro Toolbox software from the Transcend website. This software allows for video sorting, smooth playback, editing, screenshot capture, and map view for models with GPS/GLONASS receivers.



Image 5.1: Icons representing the DrivePro Toolbox software for PC and the DrivePro App for mobile devices.

6. MAINTENANCE

6.1. Cleaning the Device

- Use a soft, dry cloth to clean the exterior of the dash cam.
- For the lens, use a specialized lens cleaning cloth and solution to avoid scratches.
- Do not use harsh chemicals or abrasive cleaners.

6.2. Memory Card Management

- Regularly format the microSD card (e.g., once a month) to maintain optimal performance and prevent data corruption. This can be done through the dash cam's settings or via the DrivePro App/Toolbox.
- Back up any important video files before formatting, as formatting will erase all data on the card.
- Replace the microSD card if you experience frequent errors or degraded performance.

7. TROUBLESHOOTING

If you encounter issues with your DrivePro 250, refer to the following common problems and solutions:

7.1. Dash Cam Does Not Power On

- Ensure the car lighter adapter is securely plugged into both the vehicle's power outlet and the dash cam.
- Check if the vehicle's 12V power outlet is functioning correctly.
- Try a different power source or cable if available.

7.2. Recording Errors or Freezing

- Format the microSD card.
- Ensure you are using a high-quality, compatible microSD card (Class 10 or higher recommended).
- If the issue persists, try a different microSD card.

7.3. Wi-Fi Connection Issues

- Ensure Wi-Fi is enabled on the dash cam and your mobile device.
- Verify you are connecting to the correct Wi-Fi network (SSID) and entering the correct password.
- Restart both the dash cam and your mobile device.
- Ensure the DrivePro App is updated to the latest version.

7.4. GPS Not Functioning

- Ensure the dash cam has a clear view of the sky to acquire GPS signals.
- It may take a few minutes for the GPS to lock onto satellites, especially after initial setup or if the device has been moved a significant distance.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	1.36 x 2.48 x 2.76 inches (34.5 x 63.1 x 70.2 mm)
Item Weight	2.75 ounces (82g)
Display Type and Size	2.4" color LCD
Lens	F/2.0, 140° wide angle
G-Sensor	3-axis
Microphone	Built-in
Speaker	Built-in
Battery Type	Built-in Li-Polymer
Video Capture Resolution	2K QHD (2560x1440) / 30fps, Full HD (1920x1080) / 60fps, HD (1280x720) / 30fps

Feature	Detail
Video Compression/Format	H.264 (MP4)
Memory Card Support	32GB/64GB/128GB/256GB microSD memory card (32GB included)
Connection Interface	USB 2.0
Wi-Fi Protocol	802.11n
Power Supply Input	DC 12V~24V
Power Supply Output	DC 5V 1A
Operating Temperature	-20°C ~ 65°C (-4°F ~ 149°F)
Certifications	CE, FCC, BSMI, KC, NCC, MIC, EAC, RCM, UKCA
Special Features	Forward Collision Warning System, Head-up display, Lane Departure Warning System, Parking Monitor, Speed Alarm

Specifications



Dimensions	70.2 mm x 63.1 mm x 34.5 mm (2.76" x 2.48" x 1.36")
Weight	82g (2.89 oz)
Display Type and Size	2.4" color LCD
Lens	F/2.0, 140° wide angle
G-Sensor	3-axis
Microphone	Built-in
Speaker	Built-in
Battery Type	Built-in Li-Polymer
Resolution/Frame Rate	2K QHD (2560x1440) / 60fps 2K QHD (2560x1440) / 30fps Full HD (1920x1080) / 60fps Full HD (1920x1080) / 30fps HD (1280x720) / 60fps HD (1280x720) / 30fps
Video compression/Format	H.264 (MP4: up to 2560x1440 60fps)
Memory Card Support	32GB/64GB/128GB/256GB microSD memory card
Connection Interface	USB 2.0
Wi-Fi Protocol	802.11n
Power Supply	Input: DC 12V~24V Output: DC 5V 1A
Operating Temperature	-20°C (-4°F) ~ 65°C (149°F)
Certificates	CE, FCC, BSMI, KC, NCC, MIC, EAC, RCM, UKCA
Warranty	Two-year Limited Warranty

Image 8.1: Visual representation of the dash cam's dimensions and a summary of its technical specifications.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The Transcend DrivePro 250 Dash Cam comes with a Two-year Limited Warranty. Please refer to the warranty card included in your package or visit the official Transcend website for detailed terms and conditions.

9.2. Customer Support

For further assistance, technical support, or to download the latest firmware and software, please visit the official Transcend website:

www.transcend-info.com

You may also contact Transcend customer service directly through the contact information provided on their website.

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