

## THINKWARE TW-F200PROD32CH

# THINKWARE F200 PRO Dash Cam User Manual

Model: TW-F200PROD32CH

## 1. INTRODUCTION

The THINKWARE F200 PRO is a Full HD 1080P dual-channel dash camera system designed to record clear footage from both the front and rear of your vehicle. It features a compact design, Wi-Fi connectivity for easy access via a mobile app, a G-Sensor for incident detection, and advanced parking surveillance modes. This manual provides detailed instructions for the installation, operation, and maintenance of your F200 PRO dash cam to ensure optimal performance and longevity.

## 2. PACKAGE CONTENTS

Verify that all components are present in your package:

- THINKWARE F200 PRO Front Dash Cam
- Rear Camera
- Rear Camera Cable
- Hardwiring Cable (for parking mode)
- 32GB MicroSD Card
- Car Mount (with adhesive tape)
- Cable Clips
- Quick Start Guide
- Optional: GPS Antenna (sold separately)



Image: The main F200 PRO dash cam unit, the smaller rear camera, and the optional GPS antenna.

### 3. PRODUCT OVERVIEW

Familiarize yourself with the main components of the F200 PRO system.

#### 3.1 Front Dash Cam



Image: Front view of the F200 PRO dash cam, showing the lens and speaker grille.

The front dash cam captures 1080p Full HD video. It features a wide 140° viewing angle to cover multiple lanes of traffic. Key indicators and ports are located on the unit.



Image: Angled view of the F200 PRO, highlighting the Wi-Fi, REC, and Status indicators, along with the microSD card slot. On the side of the unit, you will find the V-IN port for the rear camera and the GPS port for the optional GPS antenna.



Image: Side view of the F200 PRO, clearly showing the V-IN port for the rear camera and the GPS port for the external GPS antenna.

### 3.2 Rear Camera

The rear camera provides additional coverage, recording in 1080p Full HD at 30 frames per second with a 160° viewing angle. It connects to the main unit via the provided cable.

## 4. SETUP AND INSTALLATION

### 4.1 Before Installation

- **Format the MicroSD Card:** Before first use and periodically thereafter, format the included MicroSD card using the THINKWARE PC Viewer or mobile app to ensure optimal recording performance.
- **Test the Unit:** Briefly connect the dash cam to power to ensure it powers on and the indicators light up correctly.

### 4.2 Front Camera Installation

1. Choose a mounting location on your windshield, ideally behind the rearview mirror, that does not obstruct your view. Ensure the lens has a clear view of the road.
2. Clean the windshield surface thoroughly where the mount will be attached.

3. Attach the adhesive mount to the dash cam. Remove the protective film from the adhesive and firmly press the dash cam onto the chosen spot on the windshield for at least 30 seconds.

## 4.3 Rear Camera Installation

1. Mount the rear camera on the rear windshield, ensuring a clear view.
2. Route the rear camera cable from the rear camera to the front dash cam. Conceal the cable along the vehicle's headliner and A-pillars for a neat installation.
3. Connect the rear camera cable to the V-IN port on the front dash cam.

## 4.4 Power Connection

The F200 PRO supports hardwiring for continuous power and parking mode functionality.

- **Hardwiring:** Connect the hardwiring cable to your vehicle's fuse box according to the instructions provided with the hardwiring kit. This enables parking mode recording.
- **Cigar Lighter Cable (Optional):** If not using parking mode, you can use a cigar lighter power cable (sold separately) for power.

## 4.5 GPS Antenna Installation (Optional)

If you purchased the optional GPS antenna, connect it to the GPS port on the main unit. Mount the GPS antenna on the dashboard or windshield where it has a clear view of the sky for optimal signal reception.



Image: The F200 PRO dash cam and optional GPS antenna installed on a vehicle's windshield, positioned for optimal recording and signal reception.

# 5. OPERATING INSTRUCTIONS

## 5.1 Powering On/Off

- The dash cam will automatically power on and begin continuous recording when the vehicle's ignition is turned on (if hardwired or connected to a switched power source).
- To power off, turn off the vehicle's ignition. If hardwired for parking mode, the device will transition to

parking mode.

## 5.2 Recording Modes

- **Continuous Recording:** Records continuously while driving.
- **Event Recording:** Automatically triggered by impacts detected by the G-Sensor (e.g., collisions). These files are saved separately and protected from overwriting.
- **Parking Mode Recording:** (Requires hardwiring) Records events when the vehicle is parked, including motion detection and impact detection.

## 5.3 Wi-Fi Connectivity and App Usage

The F200 PRO features Wi-Fi connectivity, allowing you to view, save, and share recordings wirelessly using the THINKWARE DASH CAM LINK app on your mobile device.

1. Download the THINKWARE DASH CAM LINK app from your device's app store.
2. Enable Wi-Fi on the dash cam (refer to the device's voice prompts or indicators).
3. Connect your mobile device to the dash cam's Wi-Fi network (default password is typically '123456789').
4. Use the app to access live view, playback recorded videos, adjust settings, and download files.

## 5.4 Safety Camera Alerts and ADAS (Requires GPS Antenna)

When the optional GPS antenna is connected, the F200 PRO can provide:

- **Safety Camera Alerts:** Alerts for speed cameras and red light cameras.
- **Advanced Driver Assistance System (ADAS):** Includes alerts for lane departures, front vehicle departures, and potential forward collisions.

## 5.5 G-Sensor Sensitivity

The G-Sensor sensitivity can be adjusted via the mobile app or PC Viewer. Adjusting this setting helps prevent false event recordings from minor bumps or road imperfections while ensuring critical impacts are captured.

# 6. MAINTENANCE

## 6.1 MicroSD Card Management

- **Regular Formatting:** It is recommended to format the MicroSD card regularly (e.g., once a month) to maintain optimal recording performance and prevent data corruption. This can be done through the THINKWARE DASH CAM LINK app or the PC Viewer.
- **Card Replacement:** MicroSD cards have a limited lifespan. If you experience frequent errors or recording issues, consider replacing the card with a high-endurance dash cam specific MicroSD card.

## 6.2 Cleaning the Lens and Unit

- Gently wipe the dash cam lens with a soft, lint-free cloth to ensure clear video quality.
- Clean the exterior of the unit with a dry or slightly damp cloth. Avoid using harsh chemicals or abrasive materials.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your THINKWARE F200 PRO dash cam.

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable; vehicle power issue.	Check power cable connection. Ensure vehicle's ignition is on (if not hardwired). Verify fuse if hardwired.
Wi-Fi connection issues.	Incorrect password; Wi-Fi disabled on dash cam; app glitch.	Ensure Wi-Fi is enabled on the dash cam. Verify default password (123456789). Restart dash cam and mobile device. Disable cellular data on phone if experiencing black screen during playback.
Poor video quality (blurry/unclear).	Dirty lens; damaged MicroSD card; low light conditions.	Clean the lens. Format or replace the MicroSD card. Ensure sufficient lighting for optimal recording.
Parking mode not working.	Not hardwired; incorrect settings; low battery voltage cut-off.	Ensure the dash cam is correctly hardwired. Check parking mode settings in the app. Adjust battery voltage cut-off settings if necessary.
G-Sensor too sensitive/not sensitive enough.	Sensitivity settings are not optimized for driving conditions.	Adjust G-Sensor sensitivity settings via the THINKWARE DASH CAM LINK app.
Time/Date is incorrect.	GPS signal issue; incorrect time zone setting.	Ensure GPS antenna is properly installed and has a clear view of the sky. Adjust time zone settings in the app.

## 8. SPECIFICATIONS




Feature	Detail
Model Name	TW-F200PROD32CH
Product Dimensions	0.91 x 3.9 x 1.3 inches
Item Weight	2 ounces
Video Capture Resolution	1080p (Front & Rear), 720p
Viewing Angles	Front: 140°, Rear: 160°
Connectivity Technology	Wi-Fi
Special Features	Automatic Incident Detection, Parking Mode, G-Sensor, ADAS (with optional GPS)

Feature	Detail
Included Components	Car Mount, Rear Camera, Hardwiring Cable, 32GB MicroSD Card
Mounting Type	Windshield Mount
Color	Black
Manufacturer	Thinkware
Date First Available	March 12, 2021




## 9. WARRANTY AND SUPPORT

THINKWARE is committed to providing high-quality products and customer satisfaction. For specific warranty information regarding your F200 PRO dash cam, please refer to the warranty card included in your product packaging or visit the official THINKWARE website. If you encounter any issues not covered in this manual or require further assistance, please contact THINKWARE customer support. Details for contacting support can typically be found on the THINKWARE website or in your product documentation.

### Related Documents - TW-F200PROD32CH

	<p><a href="#">Thinkware Dash Cam ARC Quick Start Guide</a></p> <p>A concise guide to setting up and using your Thinkware Dash Cam ARC, including powering the device, downloading the companion app, connecting to the app, installing front and rear cameras, and understanding dash cam settings.</p>
	<p><a href="#">Thinkware Dash Cam FAQs: Firmware, Speed Cam Data, and Comparisons</a></p> <p>Comprehensive FAQs for Thinkware Dash Cams, covering firmware updates, speed camera data installation, and detailed comparisons between dash cams and action cameras, highlighting features like GPS, impact detection, and power solutions.</p>
	<p><a href="#">THINKWARE Q200 Dash Cam: User Guide and Installation Manual</a></p> <p>This user guide provides comprehensive instructions for installing, operating, and configuring the THINKWARE Q200 Dash Cam, including features like continuous recording, parking mode, and mobile/PC viewer usage.</p>



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