

THINKWARE TWA-F200PROR

Thinkware 1080P Rear View Camera User Manual

Model: TWA-F200PROR

PRODUCT OVERVIEW

The Thinkware Rear View Camera is designed to provide comprehensive protection for your vehicle by capturing crystal clear, detailed Full HD 1080p footage from the rear. This camera is an essential accessory for enhancing vehicle security and can be integrated with compatible Thinkware dash cams for a complete dual-channel recording system.

Key Features:

- **Full HD 1080p Recording:** Captures high-definition video ensuring clarity and detail.
- **Dual-Channel Capability:** When connected to a compatible main unit (F200 PRO or F790), it enables front and rear recording.
- **Parking Mode Support:** Provides motion and impact detection recording when combined with a hardwired main unit.
- **Included Components:** Comes with the rear camera and a 7.5m (24.5 ft) connecting cable.
- **Compatibility:** Specifically designed for use with Thinkware F200 PRO and F790 Dash Cams.
- **Advanced Features:** Supports Loop Recording, G-Sensor, and Motion Sensing functionalities.

SETUP AND INSTALLATION

Proper installation of the Thinkware Rear View Camera is crucial for optimal performance. It is recommended to install the camera on your vehicle's rear window using the adhesive mount.

What's in the Box:

- Thinkware Rear View Dash Camera
- Rear Camera Cable (7.5m)

Installation Steps:

1. **Prepare the Mounting Surface:** Clean the inside of your rear window thoroughly where you intend to mount the camera. Ensure it is free of dust, dirt, and grease for secure adhesion.



Image: Front view of the Thinkware Rear View Camera, showing the lens and overall compact design.

2. **Attach the Camera:** Peel off the protective film from the adhesive mount on the camera. Carefully position the camera on the rear window, ensuring a clear view, and press firmly to secure it. It is generally recommended to mount it centrally at the top of the rear window.

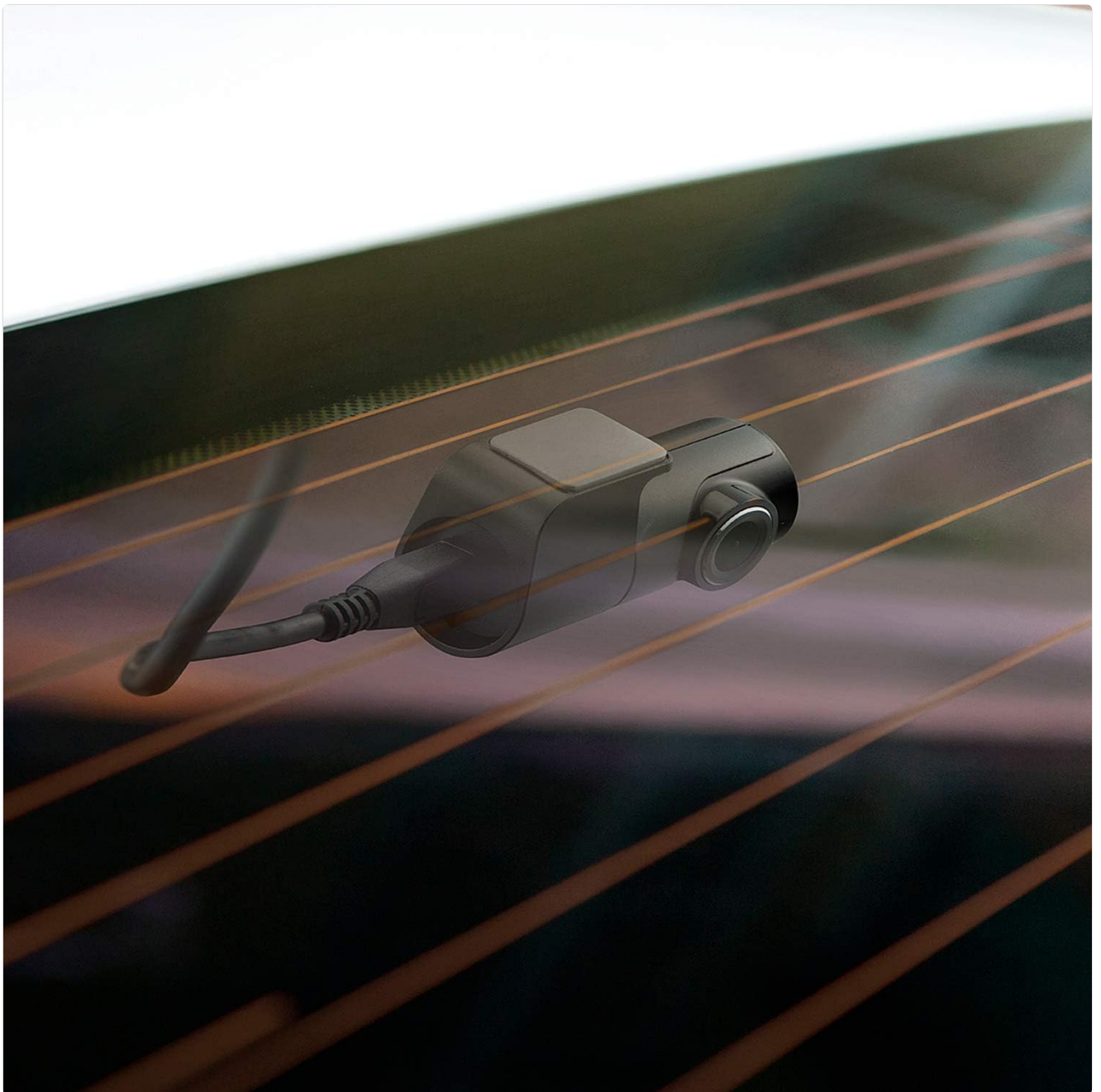


Image: Close-up view of the Thinkware Rear View Camera mounted on the inside of a vehicle's rear window, showing its discreet placement.

3. **Route the Cable:** Connect the provided 7.5m rear camera cable to the camera. Carefully route the cable along the vehicle's headliner, A-pillars, and floor trim to the location of your main Thinkware dash cam (F200 PRO or F790). Ensure the cable is tucked away neatly and does not obstruct driver visibility or vehicle operations.



Image: Wider view of the Thinkware Rear View Camera installed on a car's rear window, demonstrating the typical mounting position and cable routing.

4. **Connect to Main Dash Cam:** Plug the other end of the rear camera cable into the designated rear camera port on your compatible Thinkware F200 PRO or F790 main dash cam. Once connected, the rear camera will automatically begin recording when the main unit is powered on.

OPERATING INSTRUCTIONS

The Thinkware Rear View Camera operates in conjunction with a compatible Thinkware main dash cam unit. It does not operate independently.

- **Automatic Recording:** Once connected to the main dash cam and the main unit is powered on, the rear camera will automatically begin recording in Full HD 1080p resolution.
- **Dual-Channel Recording:** The rear camera provides a second channel of recording, capturing events from the rear of your vehicle simultaneously with the front camera. This offers comprehensive coverage.
- **Parking Mode (Requires Hardwiring):** If your main dash cam is hardwired for parking mode, the rear camera will also participate in parking surveillance, detecting motion and impacts from the rear while the vehicle is parked.
- **Video Playback:** Recorded footage from the rear camera can be accessed and viewed through the Thinkware

mobile app or PC viewer software, similar to the front camera footage. Ensure your main dash cam is connected to Wi-Fi or removed for SD card access.

- **G-Sensor and Motion Sensing:** The camera utilizes the main unit's G-Sensor to detect impacts and motion, triggering event recording for critical incidents.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Thinkware Rear View Camera.

- **Lens Cleaning:** Periodically clean the camera lens with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals that could scratch the lens.
- **Mounting Check:** Occasionally check the adhesive mount to ensure the camera remains securely attached to the rear window. Re-apply if necessary.
- **Cable Inspection:** Inspect the connecting cable for any signs of wear, damage, or loose connections. Ensure it remains neatly tucked away.
- **Firmware Updates:** Keep your main Thinkware dash cam's firmware updated, as this can sometimes include improvements for connected accessories like the rear camera. Refer to your main dash cam's manual or the Thinkware website for firmware update instructions.

TROUBLESHOOTING

If you encounter issues with your Thinkware Rear View Camera, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Rear camera not recording.	Loose cable connection; Main unit not powered; Incompatible main unit.	Ensure the rear camera cable is securely connected to both the rear camera and the main dash cam. Verify the main dash cam is powered on. Confirm compatibility with F200 PRO or F790.
Poor video quality from rear camera.	Dirty lens; Condensation on window; Incorrect mounting angle.	Clean the camera lens and the rear window. Ensure the camera is mounted at an optimal angle for a clear view.
Rear camera footage not visible in app/viewer.	Software issue; SD card error; Main unit not recognizing camera.	Restart the main dash cam. Ensure the main unit's firmware is up to date. Try re-inserting the SD card. If issues persist, contact Thinkware support.

SPECIFICATIONS

Feature	Detail
Model Name	F200PRO / F790 Rear View Dash Camera
Item Model Number	TWA-F200PROR
Video Capture Resolution	1080p (Full HD)
Field Of View	140 Degrees
Mounting Type	Adhesive Mount
Included Components	Rear View Dash Camera, Rear Camera Cable (7.5m)

Feature	Detail
Product Dimensions	2.76 x 5.51 x 4.33 inches
Item Weight	0.96 ounces
Color	Black
Special Features	Loop Recording, G-Sensor, Motion Sensing
Compatibility	Thinkware F200 PRO and F790 Dash Cams

WARRANTY AND SUPPORT




For warranty information, technical support, or further assistance with your Thinkware Rear View Camera, please refer to the official Thinkware website or contact Thinkware customer service directly.




Manufacturer: THINKWARE

Official Website: www.thinkware.com (Please visit the official website for the most up-to-date support information and resources.)

Keep your purchase receipt and product serial number handy when contacting support.

Related Documents - TWA-F200PROR

	<p>Thinkware F200 PRO Dash Cam Quick Start Guide & Warranty</p> <p>A quick start guide and warranty information for the Thinkware F200 PRO dash cam, covering installation, operation, and safety precautions.</p>
	<p>THINKWARE U1000 Dash Cam User Guide</p> <p>Comprehensive user guide for the THINKWARE U1000 dash cam, detailing installation, features, settings, mobile and PC connectivity, and troubleshooting for optimal vehicle recording.</p>
	<p>THINKWARE DASH CAM U1000 Plus User Guide</p> <p>Comprehensive user guide for the THINKWARE DASH CAM U1000 Plus, covering installation, features, settings, and troubleshooting for this 4K UHD vehicle dash camera.</p>

	<p>Thinkware Dash Cam FAQs: Firmware, Speed Cam Data, and Comparisons</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>THINKWARE XD100 Dash Cam Quick Start Guide Setup & Installation</p> <p>Get started with your THINKWARE XD100 Dash Cam. This quick start guide provides instructions on powering the device, downloading the companion app, installing front and rear cameras, and accessing support.</p>
	<p>THINKWARE DASH CAM U3000 User Manual</p> <p>Comprehensive user manual for the THINKWARE DASH CAM U3000, covering installation, recording functions, mobile and PC viewer usage, settings, troubleshooting, and specifications. This guide provides detailed instructions for optimal product use and maintenance.</p>