

THINKWARE X800

THINKWARE X800 Dash Cam Instruction Manual

Model: X800 | Brand: THINKWARE

1. INTRODUCTION

Welcome to the THINKWARE X800 Dash Cam instruction manual. This guide provides detailed information on setting up, operating, and maintaining your new dash cam. The X800 is designed to provide comprehensive surveillance for your vehicle, capturing crucial moments on the road and while parked.

Key features include stunning 2K 1440p front and 1080p FHD rear recording, wide viewing angles, a user-friendly 2.7-inch LCD touchscreen, and advanced safety features like ADAS and parking surveillance modes. For optimal performance and safety, please read this manual thoroughly before use.

Video 1: Thinkware X800 Dash Cam Introduction. This video provides a brief overview of the X800 Dash Cam's features and capabilities.

2. PRODUCT OVERVIEW

The THINKWARE X800 Dash Cam package includes the following components:

- X800 Front Dash Cam
- Rear Dash Cam
- 32GB Thinkware MicroSD Card
- 12V Car Charger
- Hardwiring Cable
- 3M Adhesive Cable Clips
- GPS Antenna



Image 1: Overview of the THINKWARE X800 Dash Cam, including the front camera, rear camera, and key accessories like the GPS antenna and various cables.



Image 2: A detailed front view of the X800 Dash Cam, highlighting its main lens and sleek design.





Image 3: The compact rear view camera, designed to capture footage from the back of your vehicle.

3. SETUP

3.1. Installation

1. **Mount the Front Camera:** Clean the desired area on your windshield. Attach the front dash cam using the provided adhesive mount, ensuring a clear view of the road.
2. **Mount the Rear Camera:** Install the rear camera on your rear window using its adhesive mount.
3. **Connect Cameras:** Use the long connection cable to link the rear camera to the front dash cam. Route the cable neatly along the vehicle's headlining and pillars.

3.2. Power Connection

The X800 offers two power options:

- **12V Car Charger:** Plug the 12V car charger into your vehicle's accessory socket and connect it to the dash cam's DC-IN port. This powers the dash cam when the engine is on.
- **Hardwiring Cable:** For 24-hour parking surveillance mode, use the included hardwiring cable to connect the dash cam directly to your vehicle's fuse box. Professional installation is recommended for this method to ensure proper setup and prevent vehicle battery drain.

3.3. GPS Antenna

Plug the GPS antenna into the dedicated GPS port on the main dash cam. The GPS antenna enables features such as speed tracking, route history recording, and safety camera alerts.

3.4. MicroSD Card

Insert the included 32GB Thinkware MicroSD card into the MicroSD card slot on the dash cam. The dash cam supports loop recording, automatically overwriting the oldest files when the card is full, unless files are protected.

4. OPERATING

4.1. Basic Operation

The X800 automatically begins recording when powered on. Use the 2.7-inch LCD touchscreen to navigate menus, adjust settings, and play back recorded videos directly on the device.



Image 4: The 2.7-inch LCD touchscreen allows for easy adjustment of settings and instant video playback.

4.2. Driving Features (ADAS)

The Advanced Driver Assistance System (ADAS) provides active warnings to enhance driving safety:

- **Lane Departure Warning System (LDWS):** Alerts you if your vehicle drifts out of its lane.
- **Front Collision Warning System (FCWS):** Warns of potential collisions with the vehicle ahead.
- **Front Vehicle Departure Warning (FVDW):** Notifies you when the vehicle in front starts moving from a standstill.



Image 5: Visual representation of the Advanced Driver Assistance System (ADAS) in action, showing how it detects and warns of potential road hazards.

4.3. Safety Camera Alerts

With the GPS antenna connected, the X800 provides alerts for upcoming red light cameras and speed cameras, helping you avoid potential tickets.

4.4. Super Night Vision 2.0

Equipped with a Sony STARVIS Sensor, the X800 delivers enhanced video quality in low-light conditions, ensuring clear recordings even at night.



Image 6: The Sony STARVIS logo, highlighting the advanced image sensor technology for superior low-light performance.

5. PARKING SURVEILLANCE MODE

When hardwired, the X800 provides 24-hour parking surveillance to protect your vehicle while parked. It records events triggered by:

- **Impact Detection:** Records footage when an impact is detected.
- **Motion Detection:** Records footage when motion is detected around the vehicle.

The X800 also features:

- **Time Lapse Recording:** Allows for prolonged parking recordings by minimizing video playing time.
- **Energy Saving Mode:** Reduces power consumption while in parking mode, saving a 20-second video clip each time an impact is detected.

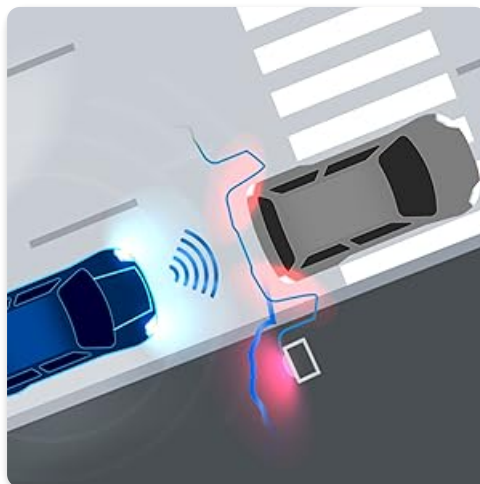


Image 7: An overhead view illustrating the coverage provided by the dash cam's parking surveillance mode in a parking lot setting.

6. MAINTENANCE

- **MicroSD Card Formatting:** Regularly format the MicroSD card to ensure optimal performance and prevent data corruption. This can typically be done through the dash cam's menu settings.
- **Cleaning Lenses:** Gently clean the front and rear camera lenses with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials or harsh chemicals.
- **Firmware Updates:** Check the THINKWARE website periodically for firmware updates. Keeping your dash cam's firmware up-to-date ensures you have the latest features and bug fixes.

7. TROUBLESHOOTING

If you encounter issues with your X800 Dash Cam, try the following:

- **No Power:** Ensure all power cables are securely connected. If using the 12V car charger, check your vehicle's accessory socket. If hardwired, verify the fuse connections.
- **Recording Issues:** Format the MicroSD card. Ensure the card is a genuine Thinkware card or a compatible high-endurance card.
- **GPS Signal Issues:** Ensure the GPS antenna is properly connected and has a clear view of the sky. Avoid placing it under metallic objects.
- **Screen Not Responding:** Try restarting the device. If the issue persists, perform a factory reset (refer to the on-screen menu for instructions).

For further assistance, please contact THINKWARE customer support.

8. SPECIFICATIONS

Feature	Description
Front Camera Resolution	2K 1440p QHD
Rear Camera Resolution	1080p FHD
Front Viewing Angle	150 degrees
Rear Viewing Angle	160 degrees
LCD Screen Size	2.7 inches
Image Sensor	Sony STARVIS Sensor
Connectivity	USB
Special Features	G-Sensor, Night Vision, ADAS, Parking Surveillance Mode, GPS
Included MicroSD Card	32GB Thinkware MicroSD Card
Dimensions	1 x 4 x 2 inches

Item Weight

3.2 ounces



9. WARRANTY & SUPPORT



THINKWARE products are backed by a manufacturer's warranty. For specific warranty details, please refer to the warranty information included in your product packaging or visit the official THINKWARE website.

For technical support, troubleshooting assistance, or any inquiries regarding your THINKWARE X800 Dash Cam, please contact THINKWARE USA customer service. Contact information can typically be found on the THINKWARE website or in the included safety information guide.

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Related Documents - X800

<div>THINKWARE DASH CAM™ Quick Start Guide</div> <div>ARC</div>	<div>Thinkware Dash Cam ARC Quick Start Guide</div> <div>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.</div>
<div>THINKWARE DASH CAM™ U3000 用户手册</div> <div></div>	<div>THINKWARE U3000 Dash Cam User Manual</div> <div>Comprehensive user manual for the THINKWARE U3000 Dash Cam, covering installation, features, settings, troubleshooting, and software usage. Learn how to install, operate, and maintain your THINKWARE U3000.</div>
<div>THINKWARE DASH CAM™ U1000 Plus User Guide</div> <div></div>	<div>THINKWARE DASH CAM U1000 Plus User Guide</div> <div>Comprehensive user guide for the THINKWARE DASH CAM U1000 Plus, covering installation, features, settings, and troubleshooting for this 4K UHD vehicle dash camera.</div>

<div><div>THINKWARE DASH CAM U3000 使用者指南</div><div></div></div>	<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>
<div><div>THINKWARE F800 PRO User Guide</div><div></div></div>	<p>THINKWARE F800 PRO Dash Cam User Guide: Installation, Features, and Settings</p> <p>Comprehensive user guide for the THINKWARE F800 PRO dash cam. Covers installation, operation, settings, mobile/PC viewer, troubleshooting, and safety features. Learn how to use your THINKWARE dash cam effectively.</p>
<div><div>FAQ</div><div><p>How to update the firmware of THINKWARE dash cam?</p><ol style="list-style-type: none">1. Go to the THINKWARE website and download the firmware.2. Connect the dash cam to a computer using the USB cable.3. Run the firmware update software.4. Follow the instructions on the screen to complete the update.5. Restart the dash cam.<p>How to reset the dash cam?</p><ol style="list-style-type: none">1. Press and hold the power button for 10 seconds.2. The dash cam will restart.<p>How to connect the dash cam to a mobile phone?</p><ol style="list-style-type: none">1. Download the THINKWARE mobile app from the App Store or Google Play.2. Connect the dash cam to the mobile phone using the USB cable.3. Open the app and follow the instructions to connect the dash cam.<p>How to connect the dash cam to a PC?</p><ol style="list-style-type: none">1. Connect the dash cam to the PC using the USB cable.2. Run the THINKWARE PC software.3. Follow the instructions on the screen to connect the dash cam.</div></div>	<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>