THINKWARE Q800PRO

THINKWARE Q800PRO Dual Dash Cam Instruction Manual

Model: Q800PRO | Brand: THINKWARE

INTRODUCTION

The THINKWARE Q800PRO is a high-performance dual dash cam system designed to record driving footage in 1440P QHD for the front camera and 1080P FHD for the rear camera. It features advanced functionalities such as Parking Mode, built-in Wi-Fi and GPS, Super Night Vision 2.0, and a Road Safety Warning System (ADAS). This manual provides detailed instructions for setting up, operating, and maintaining your dash cam to ensure optimal performance and safety.

WHAT'S INCLUDED

The THINKWARE Q800PRO package includes the following components:

- THINKWARE Q800PRO Front Dash Cam
- Rear View Camera
- Hardwiring Cable
- 12V Power Cable
- Quick Start Guide/Warranty (English)
- 32GB THINKWARE MicroSD Card (User Manual stored inside)
- SD Card Adapter
- USB MicroSD Card Reader
- 3M Adhesive Windshield Mount
- Extra 3M Adhesive
- 3M Adhesive Cable Mounting Clips

Image: The THINKWARE Q800PRO Dual Dash Cam system, showing both front and rear cameras.

Image: Side view of the THINKWARE Q800PRO dash cam, highlighting the V-IN (rear camera), DC-IN (power), and GPS ports.

SETUP

1. MicroSD Card Insertion

1. Ensure the dash cam is powered off.
2. Locate the MicroSD card slot on the side of the main unit.
3. Insert the provided 32GB MicroSD card into the slot until it clicks into place. Ensure the card is inserted with the correct orientation.

2. Mounting the Front Camera

1. Clean the desired area on your windshield thoroughly with rubbing alcohol and let it dry completely. The ideal location is usually behind the rearview mirror to avoid obstructing your view.
2. Attach the 3M adhesive mount to the dash cam.

3. Remove the protective film from the 3M adhesive on the mount.

4. Firmly press the dash cam with the attached mount onto the cleaned area of the windshield for at least 30 seconds.

5. Adjust the camera lens angle to ensure it captures the road ahead clearly.

Image: The THINKWARE Q800PRO Front Dash Cam discreetly mounted on the vehicle's windshield, positioned behind the rearview mirror.

3. Mounting the Rear Camera

1. Clean the desired area on your rear windshield thoroughly.
2. Attach the 3M adhesive to the rear camera mount.
3. Remove the protective film from the 3M adhesive.
4. Firmly press the rear camera onto the cleaned area of the rear windshield.
5. Connect the rear camera cable to the V-IN port on the front dash cam.

Image: The compact THINKWARE Q800PRO Rear Camera, designed for discreet mounting on the rear windshield.

4. Power Connection

The Q800PRO supports two main power connection methods:

- **Hardwiring:** Use the included hardwiring cable to connect directly to your vehicle's fuse box. This enables Parking Mode functionality. Consult a professional for installation if you are unsure.
- **12V Power Cable:** Use the included 12V power cable to connect to your vehicle's cigarette lighter socket. This method does not support Parking Mode.

Route all cables neatly along the vehicle's headliner and A-pillars, securing them with the provided 3M adhesive cable clips to avoid interference with airbags or vehicle operation.

OPERATING THE DASH CAM

1. Basic Controls and Indicators

The front dash cam features several buttons and LED indicators:

- **GPS LED:** Indicates GPS signal status.
- **REC LED:** Indicates recording status.
- **Wi-Fi LED:** Indicates Wi-Fi connection status.
- **Power Button:** Turns the device on/off.
- **Voice Recording Button:** Toggles audio recording.
- **Manual Recording Button:** Initiates manual event recording.

- **Format Button:** Formats the MicroSD card.

Image: Top view of the THINKWARE Q800PRO, showing the GPS, REC, and Wi-Fi LEDs, along with the control buttons.

2. Recording Modes

The Q800PRO offers various recording modes to suit different driving and parking scenarios:

- **Continuous Recording:** Records continuously while driving.
- **Incident Recording:** Automatically records when an impact is detected during driving.
- **Parking Mode:** Monitors your vehicle when parked, recording impacts and motion. This mode includes Motion Detection and Impact Detection.
- **Manual Recording:** Allows you to manually initiate an event recording by pressing the dedicated button.

3. Super Night Vision 2.0

Super Night Vision 2.0 enhances video clarity in low-light conditions, ensuring crisp and clear images even during nighttime driving or overnight parking.

4. Advanced Driver Assistance System (ADAS)

The ADAS features provide alerts to help prevent accidents:

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

5. THINKWARE CLOUD & Mobile App

Connect your Q800PRO to the THINKWARE CLOUD via the mobile app (available for iOS and Android) for enhanced features:

- **Live View:** Monitor your vehicle in real-time from anywhere.
- **Driving Impact Notification:** Receive push notifications on your mobile device when an impact is detected while driving, including geographical location and video link.
- **Locate Vehicle:** Find your vehicle's current location via the mobile app.
- **Geo-Fencing:** Receive notifications when your vehicle enters or departs a preselected geographical location.

6. Safety Camera Alerts

The dash cam provides alerts for various safety cameras:

- Red Light Camera Alert
- Speed Camera Alert
- Average Speed Zone Alert
- Mobile Speed Zone Alert

Video: Official THINKWARE Q800PRO Dash Cam Product Video, showcasing key features and functionalities.

MAINTENANCE

1. Formatting the MicroSD Card

Regularly formatting the MicroSD card is crucial for optimal performance and to prevent file corruption. You can format the card using the dash cam's Format button or through the THINKWARE PC Viewer application.

2. Battery Protection

The Q800PRO features a battery protection system to prevent vehicle battery drain during Parking Mode. You can configure the voltage cut-off level and enable a 'Wintertime Battery Protection' feature via the PC Viewer application, which automatically adjusts the cut-off voltage during colder months (November to March) to safeguard your vehicle's battery.

TROUBLESHOOTING

If you encounter any issues with your THINKWARE Q800PRO, please refer to the detailed troubleshooting section in the user manual stored on the MicroSD card or visit the official THINKWARE support website. Common issues can often be resolved by formatting the MicroSD card, checking power connections, or updating firmware via the mobile app.

SPECIFICATIONS

Model Name	Q800PRO
Front Video Capture Resolution	1440p QHD

Rear Video Capture Resolution	1080p FHD
Image Sensor	Sony STARVIS (5.14MP)
Field Of View	140 Degrees
Special Features	2K Video Quality, ADAS, Built-In WiFi, Front and Rear Recording, Impact and Motion Detection in Parking Mode, Night Vision, Parking Monitor, Red Light and Speed Camera Alerts, Sony STARVIS, Thinkware Cloud
Connectivity Technology	Wi-Fi
Mounting Type	Dashboard Mount
Item Weight	3.84 ounces
Product Dimensions	4.2 x 1.3 x 2.4 inches

WARRANTY & SUPPORT

Your THINKWARE Q800PRO Dual Dash Cam comes with a manufacturer's warranty. Please refer to the Quick Start Guide/Warranty document included in your package for specific terms and conditions. For technical support, firmware updates, or additional assistance, please visit the official THINKWARE support website or contact their customer service.