

THINKWARE U3000

THINKWARE U3000 PRO 4K Dual Dash Cam Instruction Manual

Model: U3000

1. INTRODUCTION

The THINKWARE U3000 PRO is a state-of-the-art 4K dual dash camera system designed to provide comprehensive vehicle surveillance. Featuring Sony STARVIS 2 sensors for exceptional video clarity day and night, advanced parking modes with radar detection, and seamless connectivity, this device offers reliable recording and enhanced driver safety. This manual provides essential information for the proper installation, operation, and maintenance of your U3000 PRO dash cam.



Figure 1.1: The THINKWARE U3000 PRO 4K Dual Dash Cam system, including the main front unit and rear camera.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- Main Dash Cam Unit (Front)
- Rear Camera
- OBD-II Power Cable
- Rear Camera Cable
- Windshield Mount with 3M Adhesive
- 64GB MicroSD Card with Adapter
- Circular Polarizing (CPL) Filter
- Heat Blocking Film
- Installation Tool

- Quick Start Guide
- Warranty Card

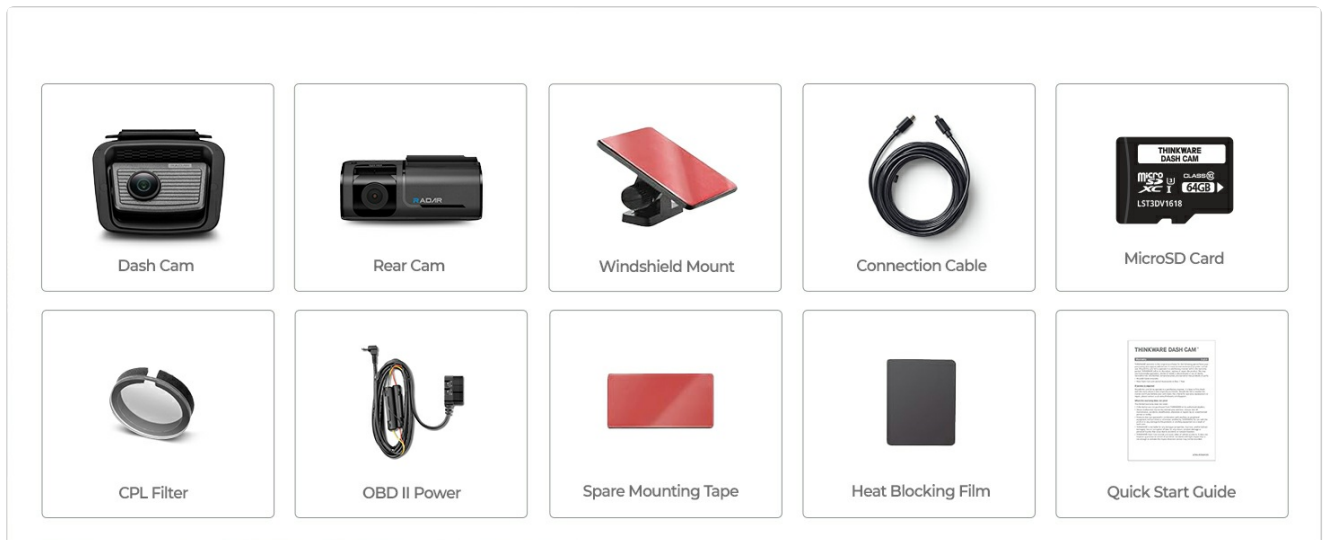


Figure 2.1: Visual representation of all components included in the U3000 PRO package.

3. PRODUCT FEATURES

3.1 High-Resolution Recording

The U3000 PRO captures ultra-clear footage with its dual Sony STARVIS 2 sensors. The front camera records in 4K (2160P), and the rear camera records in 2K (1440P). Both cameras feature Dual HDR (High Dynamic Range) to balance harsh highlights and deep shadows, ensuring clear details in various lighting conditions.

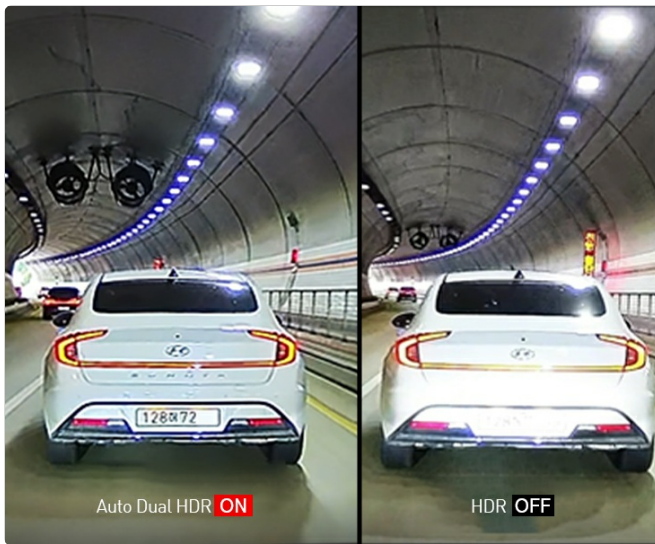
H.265 HEVC



Super Night Vision 4.0



Figure 3.1: Illustration of 4K (2160P) front recording and 2K (1440P) rear recording capabilities.



Dual HDR

The U3000 PRO's front and rear cameras apply High Dynamic Range (HDR) processing to deliver smooth, lifelike video. By adjusting for both light and dark areas simultaneously, it maintains balanced exposure — revealing important details others might miss in glare, shadows, or sudden lighting changes.



Figure 3.2: Dual HDR processing ensures balanced exposure in challenging lighting conditions.

3.2 Advanced Parking Surveillance

The built-in Radar Parking Mode utilizes radar sensors in both front and rear cameras to detect motion and impacts, activating recording only when necessary. This conserves power and extends surveillance duration. Parking modes include:

- **Radar Buffered Parking Mode:** Records 20-second clips (10 seconds before and after an event) when motion or impact is detected, with 10% lower power consumption than previous models.
- **Energy Saving Mode:** Records footage only when impacts are detected, significantly reducing power consumption for extended parking surveillance.
- **Time Lapse:** Records at 2 frames per second (fps) for continuous, uninterrupted video over extended periods with minimal power increase.
- **Motion & Impact Detection:** Initiates a 20-second recording upon detecting motion in front of the camera lenses or vehicle impact.



Dash Cam



Rear Camera



Hardwiring Cable



MicroSD Card



Windshield Mount



CPL Filter



Rear Camera Cable



Warranty

Figure 3.3: Radar Buffered Parking Mode provides efficient and comprehensive parking protection.

3.3 Connectivity

The U3000 PRO features built-in Wi-Fi and Bluetooth for seamless connection to the THINKWARE DASH CAM LINK app on your smartphone (Android or iOS). This allows for easy management of settings, live view, video playback, and firmware updates. Integrated GPS tags speed and location data to recordings.

3.4 Driver Assistance Systems (ADAS)

Enhance your driving safety with ADAS features:

- **Forward Collision Warning System (FCWS):** Alerts the driver when the distance to the vehicle ahead becomes too close at speeds exceeding 25 mph.
- **Front Vehicle Departure Warning (FVDW):** Notifies the driver when the vehicle in front starts to move from a full stop.
- **Traffic Signal Alert:** Provides instant alerts when a traffic light changes from red to green.
- **Safety Camera Alerts:** Provides real-time alerts for speed and red light cameras.

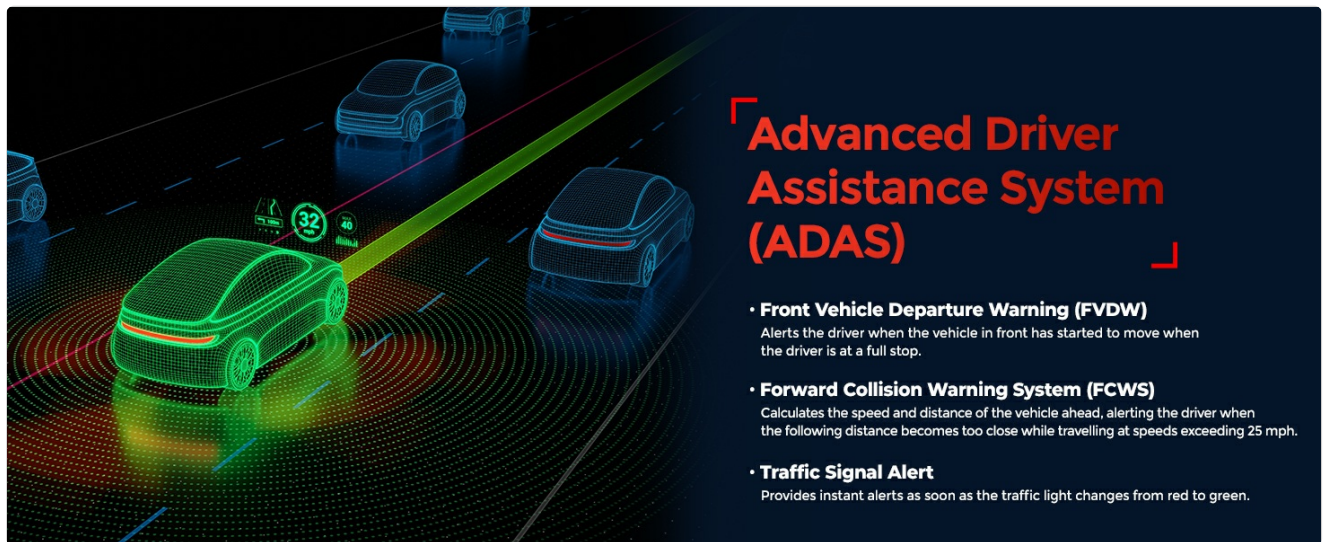


Figure 3.5: ADAS features provide real-time alerts for enhanced driving safety.

3.5 Super Night Vision 4.0

Designed for low-light performance, Super Night Vision 4.0 utilizes Sony's STARVIS 2 sensor and advanced tuning to brighten dark scenes and reduce grain, ensuring clear and usable footage even on dimly lit roads.



Super Night Vision 4.0

Designed for low-light performance, Super Night Vision 4.0 uses Sony's STARVIS 2 sensor and advanced tuning to brighten dark scenes while preserving detail. Nighttime drives are recorded with clean, well-balanced visuals—even on dimly lit roads.

Figure 3.6: Super Night Vision 4.0 enhances clarity for nighttime recordings.

3.6 Efficient Video Encoding

The U3000 PRO uses H.265 High-Efficiency Video Coding (HEVC), which compresses video files up to 1.7x more efficiently than AVC (H.264). This allows for more hours of ultra-high-resolution footage without compromising video

quality or maximizing storage.



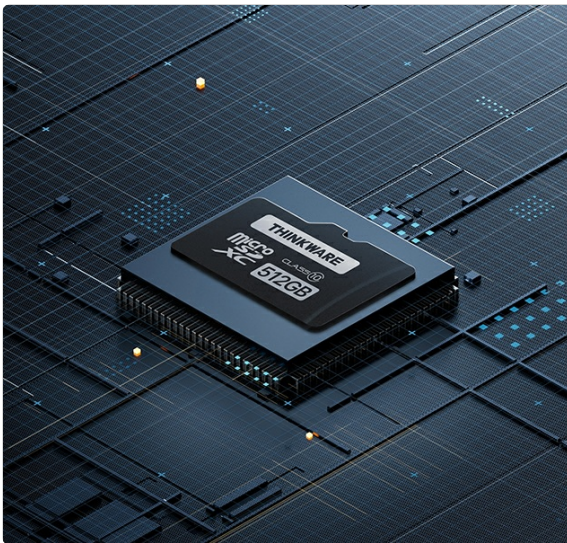
「H.265 HEVC」

Save more footage with HEVC format H.265. The U3000 PRO records using High-Efficiency Video Coding (H.265), compressing files up to 1.7x more efficient than AVC (H.264). Capture more hours of ultra-high resolution footage without compromising video quality or maxing out your storage.

Figure 3.7: H.265 HEVC technology for optimized video storage.

3.7 Expandable Storage

The dash cam supports MicroSD cards up to 512GB, providing over 20 hours of continuous recording before auto-overwrite. For optimal performance, use a THINKWARE-recommended MicroSD card.



「Supports up to 512GB MicroSD Card」

The U3000 PRO supports cards up to 512GB, allowing over 20 hours of continuous recording before auto-overwrite.

**For optimal performance and reliability, we recommend the THINKWARE 512GB MicroSD Card ASIN : B0F7PLSRXB (sold separately)*

Figure 3.8: The U3000 PRO supports high-capacity MicroSD cards for extended recording.

3.8 Optional Accessories

Enhance your dash cam's functionality with optional accessories:

- **THINKWARE CONNECTED LTE Module:** Enables remote live view, impact notifications, geo-fencing, and emergency messaging. Requires a separate service plan. *Note: LTE Module and Cabin Cam cannot be used simultaneously.*
- **Interior Infrared Camera:** Provides a third channel for recording the inside of your vehicle in Full HD, even in total darkness, using infrared technology. Ideal for rideshare drivers. *Note: Cabin Cam and LTE Module cannot be used simultaneously.*



THINKWARE CONNECTED & LTE Compatible

Now with revamped Basic and Premium plans, the THINKWARE CONNECTED App makes it easier than ever to stay linked to your vehicle. Pair your U3000 PRO with our optional LTE module (sold separately - ASIN: B0FSGHLD4) for reliable, on-the-go access. Monitor your vehicle remotely, get instant alerts, and access key driving data all from your smartphone, or computer.

Connected Features

- Strong Impact Notifications while Driving
- Impact Notifications when Parked
- Send Emergency Message
- Remote Live View
- Vehicle Status & Driving History
- Captured Image of Most Recent Parking

Disclaimer: LTE Module and Cabin Cam cannot be used simultaneously.

Figure 3.9: The optional LTE Module provides advanced connected features.



In-Cabin Cam Compatible

Upgrade to full interior visibility by adding an Infrared Cabin Camera – no multiplexer required. Perfect for rideshare, delivery drivers, and parents, it captures clear footage of passengers and cabin activity, even in total darkness.

**Cabin cam sold separately – ASIN: B0FSGYYLNX*

Note: Cabin cam and LTE module cannot be used simultaneously.

Figure 3.10: The optional Interior Infrared Camera for in-cabin recording.

4. SETUP

4.1 Installing the Dash Cam

1. **Prepare the Windshield:** Clean the area on your windshield where the dash cam will be mounted. Ensure it is free of dust and grease.
2. **Apply Heat Blocking Film:** If desired, apply the included heat blocking film to the mounting area on the windshield to help reduce heat exposure to the dash cam.
3. **Attach the Mount:** Secure the windshield mount to the main dash cam unit. Remove the protective film from the 3M adhesive on the mount and firmly press it onto the prepared area of the windshield. Hold for at least 30 seconds to ensure a strong bond.
4. **Install Rear Camera:** Mount the rear camera on the rear windshield using its 3M adhesive. Connect the rear camera to the main unit using the provided rear camera cable. Route the cable neatly along the vehicle's headliner and A-pillars.
5. **Insert MicroSD Card:** Open the MicroSD card slot cover on the main unit and insert the 64GB MicroSD card.
6. **Attach CPL Filter:** To minimize dashboard reflections and enhance color contrast, attach the Circular Polarizing (CPL) filter to the front camera lens. Align the guide point on the filter vertically with the camera

lens.

4.2 Connecting Power (OBD-II Cable)

The U3000 PRO includes an OBD-II power cable for continuous power, enabling parking surveillance modes. Follow these steps:

1. **Set up the OBD-II Cable Switch:** Before plugging the OBD-II cable into your vehicle's OBD-II port, configure the switches on the cable according to your vehicle type and desired parking mode.
 - **Vehicle Type:** Select 'EV' for Electric/Hybrid (White LED) or 'F' for Internal Combustion Engine (Blue LED).
 - **Parking Mode:** Select 'D' to disable parking mode or 'P' to enable parking mode.

Important: Changes to these settings will not apply if made after plugging the cable into the OBD-II port.

2. **Locate the OBD-II Port:** The OBD-II port is typically located beneath the steering wheel, near the driver's footwell, or inside the driver's side lower fuse box. The exact location may vary by vehicle make and model.
3. **Plug in the OBD-II Connector:** Once the switches are set, plug the OBD-II connector into your vehicle's OBD-II port.
4. **Connect to Dash Cam:** Plug the other end of the OBD-II power cable into the DC-IN port on the main dash cam unit.

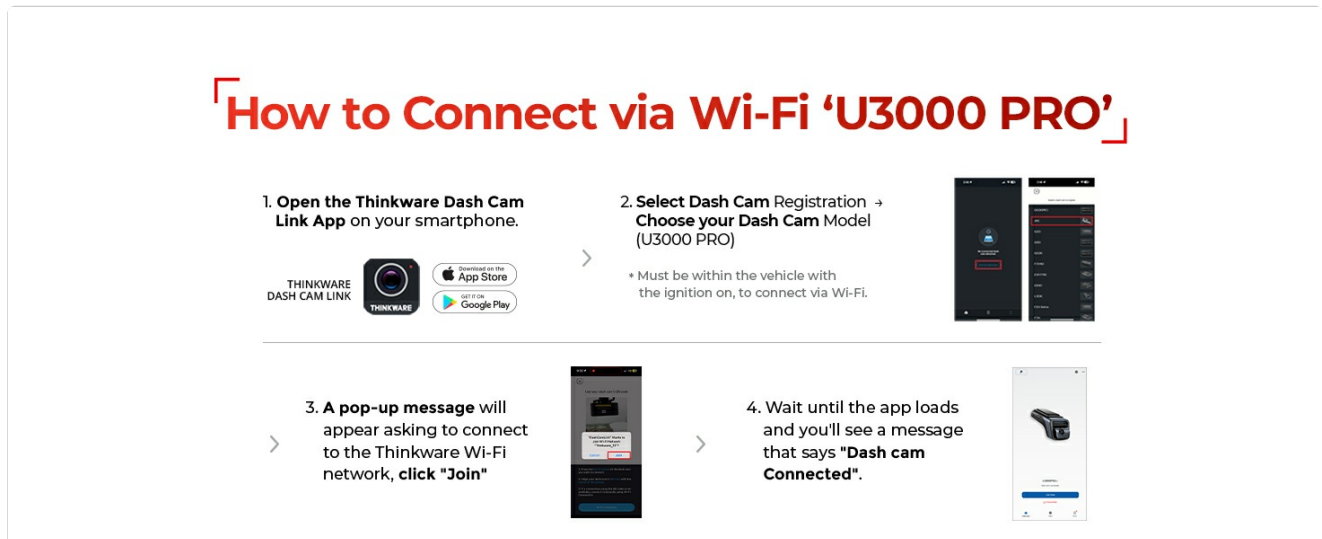


Figure 4.1: Steps for connecting the dash cam to the mobile app via Wi-Fi.

5. OPERATING

5.1 Powering On/Off

The dash cam will automatically power on when the vehicle's ignition is turned on (if connected via OBD-II or hardwiring). It will power off automatically when the ignition is off, or continue recording in parking mode if enabled.

5.2 Using the THINKWARE DASH CAM LINK App

The mobile app allows you to control and manage your dash cam. To connect:

1. Download the 'THINKWARE DASH CAM LINK' app from the App Store or Google Play Store.
2. Turn on your vehicle's ignition.
3. Open the app and select 'Dash Cam Registration'. Choose 'U3000 PRO'.
4. Follow the on-screen prompts to connect via Wi-Fi. A pop-up message will ask to connect to the Thinkware

Wi-Fi network; click 'Join'.

5. Once connected, you can access live view, recorded videos, and settings.

5.3 Recording Modes

The U3000 PRO supports various recording modes:

- **Continuous Recording:** Automatically records while driving.
- **Event Recording:** Triggered by impacts or sudden braking/acceleration.
- **Manual Recording:** Initiated by pressing the 'REC' button on the dash cam.
- **Parking Recording:** Activated when the vehicle is parked, utilizing radar, motion, or time-lapse modes (if enabled).

6. MAINTENANCE

6.1 MicroSD Card Management

Regularly format the MicroSD card to maintain optimal performance and prevent data corruption. This can be done through the THINKWARE DASH CAM LINK app or by using a computer. Replace the MicroSD card periodically (e.g., every 6-12 months) as they have a limited lifespan due to continuous overwriting.

6.2 Cleaning the Dash Cam

Wipe the camera lenses and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could scratch the lenses or housing.

6.3 Firmware Updates

Keep your dash cam's firmware updated to ensure the latest features and bug fixes. Firmware updates can be performed via the THINKWARE DASH CAM LINK app.

7. TROUBLESHOOTING

If you encounter issues with your U3000 PRO, refer to the following common solutions:

- **Dash Cam Not Powering On:** Check the power cable connection to both the dash cam and the vehicle's OBD-II port. Ensure the vehicle's ignition is on or that the OBD-II cable switches are correctly configured for parking mode.
- **Recording Issues (Grainy/Unclear Footage):** Ensure the lenses are clean and free from smudges. Check if the CPL filter is correctly installed and adjusted. Verify that the MicroSD card is not full or corrupted; try formatting it.
- **Wi-Fi Connection Problems:** Ensure Bluetooth is enabled on your smartphone and the dash cam. Restart both the dash cam and your phone. Try reconnecting through the app.
- **Parking Mode Not Activating:** Confirm that the OBD-II cable is correctly installed and configured for parking mode ('P' setting). Ensure your vehicle's battery voltage is sufficient.
- **Overheating:** Ensure the heat blocking film is properly applied. If the dash cam overheats frequently, consider parking in shaded areas or using a sunshade. The device has integrated thermal protection to prevent damage.

For further assistance, please contact THINKWARE customer support or visit the official THINKWARE website for detailed FAQs and support resources.

8. SPECIFICATIONS

Feature	Specification
Product Dimensions	5.5 x 3.86 x 7.48 inches
Item Weight	2.09 pounds
Item Model Number	U3000
Connectivity Technologies	Wi-Fi
Video Capture Resolution	Front: 2160p (4K), Rear: 1440p (2K)
Image Sensor	Sony STARVIS 2
Special Features	4K STARVIS 2 Sensor, Ambarella CPU, Built-in Front & Rear Radar Parking Mode, Event-Ready Motion & Impact Capture, Lifelike Image Processing (WDR, Smart Auto-Exposure, Dewarping), Super Night Vision 4.0
Max MicroSD Card Capacity	512GB
Mounting Type	Windshield Mount
Vehicle Service Type	Bus, Car, Minivan, RV, Truck

9. WARRANTY AND SUPPORT

9.1 Warranty Information

THINKWARE warrants the original purchaser that the product is free from defects in material and workmanship under normal use. The warranty period is as follows:

- **Main Dash Cam Unit and all Accessories in Box:** 1 Year
- **MicroSD Card:** 6 Months

This limited warranty does not cover:

- Damage due to normal wear and tear, misuse, lack of maintenance, accident, modification, alteration, or repairs by an unauthorized entity.
- Damage caused by use with products or ancillary equipment not supplied or certified by THINKWARE.
- Data loss or corruption for any reason.

THINKWARE Dash Cam records and saves video of vehicle accidents; however, it does not guarantee to record all accidents. Accidents with light impact may not activate the impact detection sensor.

9.2 Customer Support

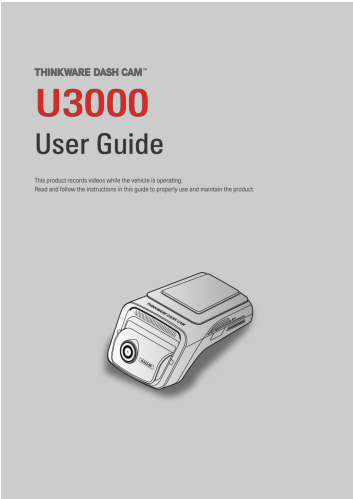
If service is required, first check with the store where it was originally purchased. If the unit fails to operate in a satisfactory manner, and you believe it meets the criteria for warranty replacement or repair, please contact THINKWARE customer support via their official website: www.thinkware.com/Support.

Related Documents - U3000

	THINKWARE U3000 Dash Cam User Manual 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.
	THINKWARE DASH CAM U3000 User Manual 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.
	THINKWARE DASH CAM U1000 Plus User Guide Comprehensive user guide for the THINKWARE DASH CAM U1000 Plus, covering installation, features, settings, and troubleshooting for this 4K UHD vehicle dash camera.
	THINKWARE F800 PRO Dash Cam User Guide: Installation, Features, and Settings 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.
	THINKWARE U3000 Руководство пользователя Полное руководство пользователя для видеорегистратора THINKWARE U3000. Инструкции по установке, эксплуатации, настройкам и устранению неполадок.

THINKWARE DASH CAM™ Quick Start Guide ARC	Thinkware Dash Cam ARC Quick Start Guide 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.
---	--

Documents - THINKWARE – U3000



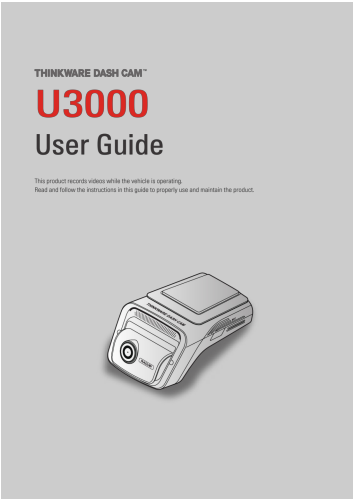
[pdf] User Manual Instructions Guide

Untitled User Guide The Dashcam StoreTHINKWARE U3000 is a registered trademark of THINKWARE Other product logos and service names in this guide are trademarks the relevant companies Page 3 Thinkware Manual 2023 05 11thedashcamstore content user manuals Thinkware 11 srsItid AfmBOopmANaqlDKpG0CLFwks0na8clj4JVbTDtpmLgLAcWWCC6z 1iQV StoreUser 3 This records videos while vehicle operating Use only for reference when investigating incidents or road accidentsThinkware 11Thinkware 1iQVthedashcamstore

AfmBOoq9xzAJ2alGVtOnyA8MABB7PDH2OqD1y9QYhJfnVIOR8QIOmmD6 ||| ||| U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos whi

U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product only for ref...

lang:en score:58 filesize: 1.77 M page_count: 35 document date: 2023-06-01

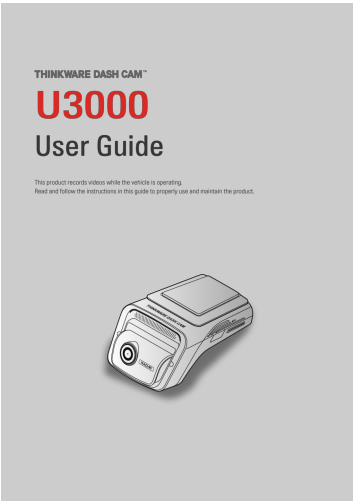


[pdf] User Manual Instructions Guide

Untitled User Guide 23 mar 2024 — Read and follow the instructions To start manual recording press REC button If it is set to G Shock only mode then not consistently U3000 Manual English 1 3 thinkwarestore 03 |||

U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product only for ref...

lang:en score:58 filesize: 1.87 M page_count: 40 document date: 2024-03-18



[\[pdf\]](#) User Manual Instructions Specifications Guide

User Guide Thinkware U3000MU64C user manual retailspecs files attachment 122092 |||

U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product only for ref...

lang:en **score:52** filesize: 5.33 M page_count: 35 document date: 2023-10-17



[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual thai 20230209 2 inavi dashcam U3000 |||

U3000 THINKWARE ECU TPMS THINKWARE U...

lang:i-klngon **score:47** filesize: 3.15 M page_count: 41 document date: 2024-04-15

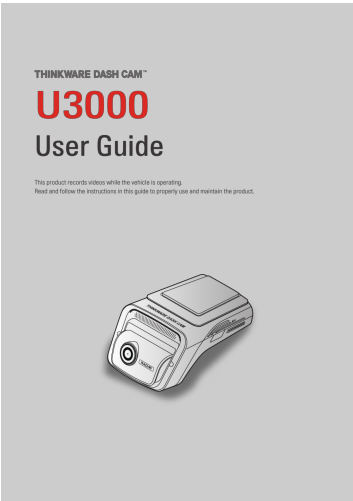


[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual russian 20230209 2 inavi dashcam U3000 |||

... THINKWARE - , , , , ECU TPMS , , , . THINKWARE **U3000** ,

lang:de **score:47** filesize: 2.83 M page_count: 45 document date: 2024-04-15



[\[pdf\]](#) User Manual Instructions Guide

Untitled User Guide 4 Safety information Read the following safety to properly use product symbols in this guide Warning Indicates a potential hazard which if not avoided may result injury or death U3000 Manual 2023 05 11 thinkwarestore 04 |||

U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product only for ref...

lang:en score:47 filesize: 1.77 M page_count: 35 document date: 2023-06-01

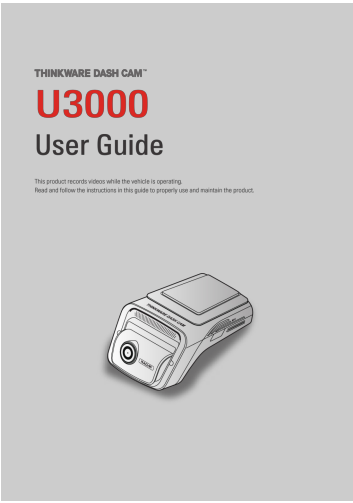


[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual chinese traditional 20230209 2 inavi dashcam U3000 |||

THINKWARE ECU TPMS THINKWARE **U3000** THINKWARE THINKWARE THINKWARE **U3000** THINKWARE 4 1. 6 1.1 6 1.1.1 6 1.1.2 6 1.2 7 1.2.1 ---- 7 1.2.2 -- -- 8 1.2.3 8 1.3 9 2. 10 2.1 10 2.1.1 10 2.1.2 10 2.1.3 12 2....

lang:en score:46 filesize: 3.08 M page_count: 39 document date: 2024-04-15



[\[pdf\]](#) User Manual Instructions Guide

Untitled here Thinkware U3000 DashCamTalk English Manual dashcamtalk cams u3000 |||

U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product only for ref...

lang:en score:45 filesize: 1.64 M page_count: 35 document date: 2023-12-13



[\[pdf\]](#) User Manual

Download M1 THINKWARE US Official Site u3000 manual arabic 20230209 2 inavi 443 dashcam U3000

|||

. THINKWARE . . . THINKWARE **U3000** . THINKWARE ...

lang:i-klngon score:45 filesize: 2.89 M page_count: 42 document date: 2024-04-15



[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual slovakia 20230209 2 inavi dashcam U3000 |||

Pouzvatesk prrucka Tento vrobok pocas prevdzky vozidla nahrva vide. Aby ste mohli vrobok sprvne pouz ... vrobca aktualizuje svoju politiku sluzieb. Tto pouzvatesk prrucka je urcen len pre model THINKWARE **U3000** a mze obsahova technick chyby, redakcn chyby alebo v nej mzu chba informcie. Autorsk prva Vset...

lang:hr score:45 filesize: 2.85 M page_count: 42 document date: 2024-04-15



[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual czech 20230209 2 inavi dashcam U3000 |||

Uzivatelisk prucka Tento produkt slouz k nahrvn videa bhem provozu vozidla. Pectte si a dodrzujte pok ... tualizuje svoje zsady poskytovn servisu. Tato uzivatelsk prucka je urcena pouze pro model THINKWARE **U3000** a mze obsahovat technick chyby, redakcn chyby nebo chybjc informace. Autorsk prva Spolecnost T...

lang:hr score:45 filesize: 2.86 M page_count: 41 document date: 2024-04-15



[\[pdf\]](#) User Manual

Download M1 THINKWARE US Official Site u3000 manual chinese 20230209 2 inavi 443 dashcam

U3000 |||

THINKWARE ECU TPMS THINKWARE **U3000** THINKWARE THINKWARE

THINKWARE **U3000** THINKWARE 1. 1.1 1.1.1 1.1.2 1.2 1.2.1 -- 1.2.2 -- 1.2.3 1.3 2.

2.1 2.1.1 2.1.2 2.1.3 2.2 2.2.1 2.2.2 2.2.3 3. 3.1 3.2 3.3 3.4 3.5 SOS 3.6 3.7 3.8 4. 4.1

4.2 4...

lang:i-klngon **score:45** filesize: 3.04 M page_count: 39 document date: 2024-04-15



[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual german 20230209 2 inavi dashcam U3000 |||

Benutzerhandbuch Dieses Produkt nimmt Videos auf, solange das Fahrzeug in Betrieb ist.

Lesen und befolgen Sie die Anweisungen in diesem Handbuch zur ordnungsgemäßen Verwendung und Wartung

dieses Produkts. Dieses Benutzerhandbuch gilt ausschließlich für das Modell THINKWARE **U3000**. Es enthält u.

U. technische oder redaktionelle Fehler bzw. unvollständige Informationen. Urheber...

lang:de **score:45** filesize: 2.84 M page_count: 44 document date: 2024-04-15



[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual italian 20230209 2 inavi dashcam U3000 |||

U3000 Guida dell Utente Il prodotto registra video mentre il veicolo è in moto. Per

utilizzare correttamente il prodotto e mantenerlo in buono stato, leggete e seguite le

istruzioni contenute nella presente guida. Prima di utilizzare il prodotto Informazioni

sul prodotto Il prodotto registra video ...

lang:it **score:45** filesize: 2.84 M page_count: 41 document date: 2024-04-15



[\[pdf\]](#) User Manual

Download THINKWARE u3000 manual spanish 20230209 2 inavi dashcam U3000 |||

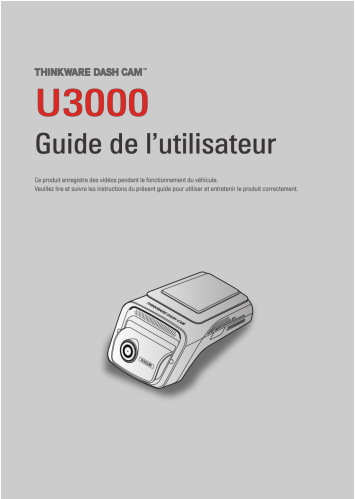
U3000 Gua del usuario Este producto graba vdeos mientras el vehculo est en marcha. Lea y siga las instrucciones de esta gua para utilizar y mantener correctamente el producto. Antes de utilizar el producto Acerca del producto Este producto graba vdeos mientras el vehculo est en marcha. nicamente u...
lang:es score:45 filesize: 2.84 M page_count: 41 document date: 2024-04-15



[\[pdf\]](#) User Manual

Download M1 THINKWARE US Official Site u3000 manual chinese traditional 20230209 2 inavi 443 dashcam U3000 |||

THINKWARE ECU TPMS THINKWARE **U3000** THINKWARE THINKWARE
THINKWARE **U3000** THINKWARE 4 1. 6 1.1 6 1.1.1 6 1.1.2 6 1.2 7 1.2.1 ---- 7 1.2.2 --
-- 8 1.2.3 8 1.3 9 2. 10 2.1 10 2.1.1 10 2.1.2 10 2.1.3 12 2....
lang:en score:44 filesize: 3.1 M page_count: 39 document date: 2024-04-15



[\[pdf\]](#) User Manual Instructions Documentation Guide

Download THINKWARE u3000 manual french 20230209 2 inavi dashcam U3000 |||

U3000 Guide de l utilisateur Ce produit enregistre des vidos pendant le fonctionnement du vhicule. Veuillez lire et suivre les instructions du prsent guide pour utiliser et entretenir le produit correctement. Avant d utiliser le produit propos de ce produit Ce produit enregistre des vidos pendant...
lang:fr score:44 filesize: 2.85 M page_count: 41 document date: 2024-04-15



[\[pdf\]](#) User Manual

Untitled Help Page U3000 THINKWARE User Manual Arabic 1 3 thinkwarestore 2024 03 |||

. THINKWARE . . . THINKWARE **U3000** . THINKWARE ...

lang:i-klngon **score:44** filesize: 1.92 M page_count: 42 document date: 2024-03-18

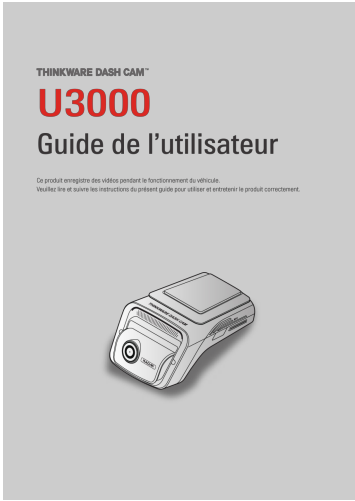


[\[pdf\]](#) User Manual

Untitled Help Page U3000 THINKWARE User Manual Thai 1 3 thinkwarestore 2024 03 |||

U3000 THINKWARE ECU TPMS ...

lang:i-klngon **score:44** filesize: 1.97 M page_count: 41 document date: 2024-03-18



[\[pdf\]](#) User Manual Instructions Documentation Guide

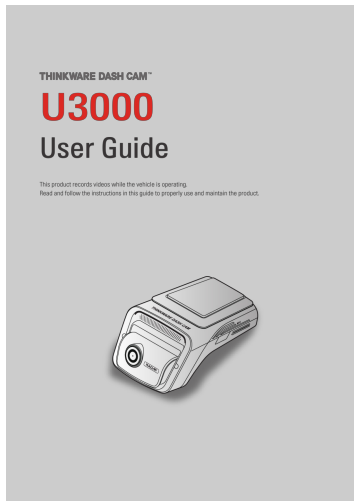
Untitled U3000 22 mars 2024 — guide vocal s allument 8 Installez l application THINKWARE DASH CAM

LINK sur votre téléphone intelligent à partir de Google Play Store ou d Apple App User Manual French 1

3 thinkwarestore 03 |||

U3000 Guide de l utilisateur Ce produit enregistre des vidos pendant le fonctionnement du vhicule. Veuillez lire et suivre les instructions du prsent guide pour utiliser et entretenir le produit correctement. Avant d utiliser le produit propos de ce produit Ce produit enregistre des vidos pendant...

lang:fr **score:44** filesize: 1.87 M page_count: 41 document date: 2024-03-18

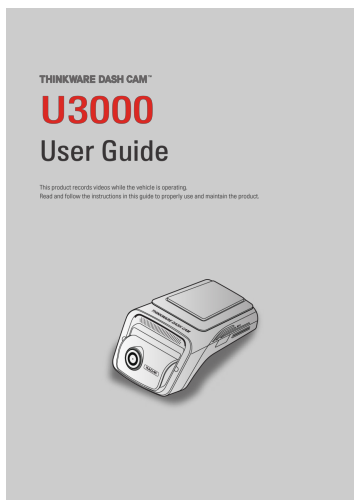


[\[pdf\]](#) User Manual Instructions Guide

Download M1 THINKWARE US Official Site u3000 manual english 20230209 2 inavi 443 dashcam U3000 |||

U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product only for ref...

lang:en **score:43** filesize: 2.88 M page_count: 41 document date: 2024-04-18



[THINKWARE U3000 User Guide](#)

This user guide provides comprehensive instructions for the THINKWARE U3000 dash cam, covering installation, features, settings, and troubleshooting.

lang:en **score:42** filesize: 1.64 M page_count: 39 document date: 2023-12-21



[THINKWARE DASH CAM U3000 User Manual](#)

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.

lang:en score:42 filesize: 3.07 M page_count: 39 document date: 2024-03-05



[THINKWARE U3000 Руководство пользователя](#)

Полное руководство пользователя для видеорегистратора THINKWARE U3000. Инструкции по установке, эксплуатации, настройкам и устранению неполадок.

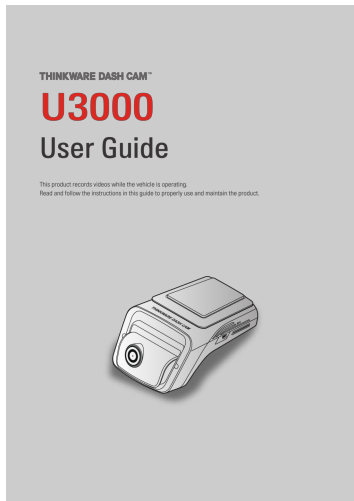
lang:de score:42 filesize: 2.82 M page_count: 45 document date: 2024-03-05



[THINKWARE U3000 Dash Cam User Manual](#)

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.

lang:i-klngon score:42 filesize: 3.03 M page_count: 39 document date: 2024-03-05



[\[pdf\]](#) User Manual Instructions Guide

User Manual THINKWARE CORPORATION U3000 DASH CAM 2ADTG 2ADTGU3000 u3000

U3000 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product only for ref...

lang:en **score:42** filesize: 2.22 M page_count: 39 document date: 2022-10-20



[\[pdf\]](#) User Manual

Untitled Help Page U3000 THINKWARE User Manual Czech 1 3 thinkwarestore 2024 03 |||

Uzivatelsk prucka Tento produkt slouz k nahravn videa bhem provozu vozidla. Pectte si a dodrzujte pok ... tualizuje svoje zsady poskytovn servisu. Tato uzivatelsk prucka je urcena pouze pro model THINKWARE **U3000** a mze obsahovat technick chyby, redakcn chyby nebo chybjc informace. Autorsk prva Spolecnost T...

lang:hr **score:41** filesize: 1.88 M page_count: 41 document date: 2024-03-18



[\[pdf\]](#) User Manual

Untitled Help Page U3000 THINKWARE User Manual Spanish 1 3 thinkwarestore 2024 03 |||

U3000 Gua del usuario Este producto graba vdeos mientras el vehculo est en marcha. Lea y siga las instrucciones de esta gua para utilizar y mantener correctamente el producto. Antes de utilizar el producto Acerca del producto Este producto graba vdeos mientras el vehculo est en marcha. nicamente u...

lang:es **score:41** filesize: 1.86 M page_count: 41 document date: 2024-03-18



[\[pdf\]](#) User Manual

Manual ES U3000 THINKWARE EU Official Site UG Ver 1 3 eu thinkwarestore 2025 01 |||

U3000 Gua del usuario Este producto graba vdeos mientras el vehculo est en marcha. Lea y siga las instrucciones de esta gua para utilizar y mantener correctamente el producto. Antes de utilizar el producto Acerca del producto Este producto graba vdeos mientras el vehculo est en marcha. nicamente u...
lang:es score:40 filesize: 2.83 M page_count: 41 document date: 2024-03-05



[\[pdf\]](#) User Manual

Manual CZ U3000 THINKWARE EU Official Site UG CS Ver 1 3 eu thinkwarestore 2025 01 |||

Uzivatel'sk prucka Tento produkt slouz k nahravn videa bhem provozu vozidla. Pectte si a dodrzujte pok ... tualizuje svoje zsady poskytovn servisu. Tato uzivatelsk prucka je urcena pouze pro model THINKWARE **U3000** a mze obsahovat technick chyby, redakcn chyby nebo chybjc informace. Autorsk prv'a Spolecnost T...
lang:hr score:40 filesize: 2.86 M page_count: 41 document date: 2024-03-05



[\[pdf\]](#) User Manual

Untitled Používateľská príručka U3000 User Manual Slovak 1 3 thinkwarestore 2024 03 |||

Pouzvatesk prrucka Tento vrobok pocas prevdzky vozidla nahrva vide. Aby ste mohli vrobok sprvne pouz ... vrobca aktualizuje svoju politiku sluzieb. Tto pouzvatesk prrucka je urcen len pre model THINKWARE **U3000** a mze obsahova technick chyby, redakcn chyby alebo v nej mzu chba informcie. Autorsk prv'a Vset...
lang:hr score:35 filesize: 1.88 M page_count: 42 document date: 2024-03-18

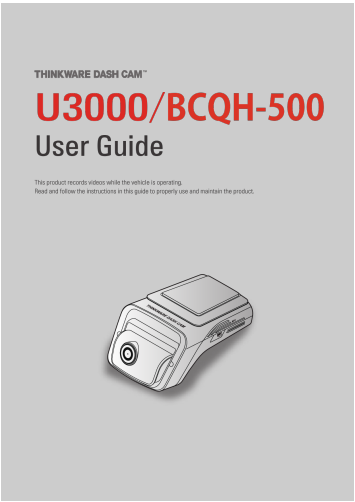


[\[pdf\]](#)

u3000 man cz thinkware camera 2024 12 |||

Uzivatelsk prucka Tento produkt slouz k nahravn videa bhem provozu vozidla. Pectte si a dodrzujte pok ... tualizuje svoje zsady poskytovn servisu. Tato uzivatelsk prucka je urcena pouze pro model THINKWARE **U3000** a mze obsahovat technick chyby, redakcn chyby nebo chybjc informace. Autorsk prva Spolecnost T...

lang:hr **score:33** filesize: 2.77 M page_count: 40 document date: 2023-08-17



[\[pdf\]](#)

User Manual Instructions Guide

User Manual THINKWARE CORPORATION BCQH500 2ADTG 2ADTGBCQH500 bcqh500

U3000/BCQH-500 User Guide This product records videos while the vehicle is operating. Read and follow the instructions in this guide to properly use and maintain the product. Before using the product About the product This product records videos while the vehicle is operating. Use this product onl...

lang:en **score:33** filesize: 5.33 M page_count: 40 document date: 2022-11-15



[\[pdf\]](#)

User Manual

Untitled Руководство пользователя 2024 04 01 — Информация об устройстве Это устройство осуществляет видеозапись в процессе эксплуатации транспортного средства При расследовании инцидентов и U3000 User Manual Russian 1 3 thinkwarestore 03 |||

... THINKWARE - , , , , ECU TPMS , , . THINKWARE **U3000** ,

lang:de **score:33** filesize: 1.89 M page_count: 45 document date: 2024-03-18



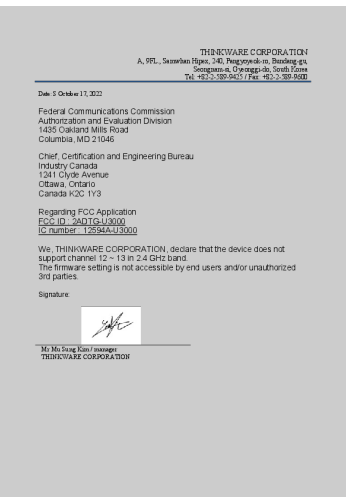
Machine Translated by Google

[\[pdf\]](#) User Manual

Untitled Guida dell Utente 1 apr 2024 — Per avviare la registrazione manuale premete il tasto REC
Android 7 0 Nougat o versioni successive Tipo di veicolo tipo U3000 User Manual Italian 3 thinkwarestore
03 |||

U3000 Guida dell Utente Il prodotto registra video mentre il veicolo in moto. Per utilizzare correttamente il prodotto e mantenerlo in buono stato, leggete e seguite le istruzioni contenute nella presente guida. Prima di utilizzare il prodotto Informazioni sul prodotto Il prodotto registra video ...

lang:it **score:33** filesize: 1.86 M page_count: 41 document date: 2024-03-18



[\[pdf\]](#)

THINKWARE U3000 2CH autÃs kamera 4K beÃpÃtett radarral 5fb3bda193db3b198bb268ba9d8ae9e5
Thinkware hasznalati utasitas detektorbolt hu custom image data srattached |||

Machine Translated by Google **U3000** Hasznlati tmutat Ez a termk videkat rgzt a jrm mkdse kzben. Olvassa el s kvesse az tmutatban tallhat utastsokat a termk megfelel hasznlathoz s karbantartshoz. Machine Translated by Google A termk hasznlata eltt A termkrl Ez a termk videkat rgzt a jrm mkdse kzben....

lang:no **score:32** filesize: 1.16 M page_count: 35 document date: 2023-07-07

[\[pdf\]](#)

Microsoft Word Wifi Attestation letter ahndw WiFi Letter THINKWARE CORPORATION U3000 DASH
CAM 2ADTG 2ADTGU3000 u3000

THINKWARE CORPORATION A, 9FL., Samwhan Hipex, 240, Pangyoyeok-ro,
Bundang-gu, Seongnam-si, Gyeonggi- ... ry Canada 1241 Clyde Avenue Ottawa,
Ontario Canada K2C 1Y3 Regarding FCC Application FCC ID : 2ADTG-**U3000** IC
number : 12594A-**U3000** We, THINKWARE CORPORATION, declare that the device
does not support c...

lang:en **score:32** filesize: 89.68 K page_count: 1 document date: 2022-10-19

[\[pdf\]](#) Borchure

U3000 Detail Sheet The Dashcam Store4K UHD Front w Sony STARVIS 2 delivers improved 4K front
and 2K rear recording performance thanks to s newTDS thinkware brochurethedashcamstore content
partner resources TDS brochure srsltid

AfmBOOpDW9vqlsjHv36Eq6fDHExLRI3tShqWJHb2Y8yCnaBZYhAFopeZ brochureTDS
AfmBOOpDW9vqlsjHv36Eq6fDHExLRI3tShqWJHb2Y8yCnaBZYhAFopeZthedashcamstore
AfmBOoo5CPTfvLRLjYetDw4eFnDfeAnlglZn0fx R2ZQg5n2QUa1dt k StoreU3000 Dual4K newThe Store
Partner ResourcesTDS kthedashcamstore AfmBOopmlKn6a 4WNxd S1lrxgG5n
S5Qfg3kqqDsMriBL3qcOdei Fdthedashcamstore
AfmBOOpXZZJcGgNp6BoQhJKQsfl85SuKAsjWfeRIN2xUm9IXfK RgJevthedashcamstore AfmBOooZx
3SLerHCS7rwBcP8 lZ4TZiWosB3EN37mgpHdxWnfYoi 3Ythedashcamstore AfmBOooLpPZx

ygCKZvwl6tX6lgHoJHp5nYMBpH L TFnQSVI9u7hKw9thedashcamstore AfmBOoqWbO
6K3htMTy2xCBDvxPLmJgYsxoWkiZTKy3J X3OZ9zt y7kthedashcamstore new4K
AfmBOorWf0fsS4Ep3j9MJDHo6V0zdTaXtb9pgjjUWh2Qet7ofTrFVEkwthedashcamstore
AfmBOopTIIPrb3j7XU54jj55d b6lex4 bjzRYiK1QUEc IS 95WYFNrthedashcamstore
AfmBOopwBhRNFrmJ0dTwKqodg9PbO8TXy5tbNqR6T MzXzE2eRnmANX0thedashcamstore
AfmBOoqbPZcNMSAZIfeqJXW0ltYs3MsCJBUS8HHIJAO7aOv3Pn8Wn5sPthedashcamstore ||| ||| U3000
Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0
Built-in Radar Key Features *Requires Hardwiring Cable or OBD-II Power Cable professional installation
recommended Thinkware CONNECTED uses netwo ||| U3000 Front 4K UHD Rear 2K QHD Thinkware
CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0 Built-in Radar Key Features *Requires
Hardwiring Cable or OBD-II Power Cable professional installation recommended Thinkware
CONNECTED uses netwo ||| U3000 Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony
STARVIS 2 Super Night Vision 4.0 Built-in Radar Key Features *Requires Hardwiring Cable or OBD-II
Power Cable professional installation recommended Thinkware CONNECTED uses netwo ||| U3000
Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0
Built-in Radar Key Features *Requires Hardwiring Cable or OBD-II Power Cable professional installation
recommended Thinkware CONNECTED uses netwo ||| U3000 Front 4K UHD Rear 2K QHD Thinkware
CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0 Built-in Radar Key Features *Requires
Hardwiring Cable or OBD-II Power Cable professional installation recommended Thinkware
CONNECTED uses netwo ||| U3000 Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony
STARVIS 2 Super Night Vision 4.0 Built-in Radar Key Features *Requires Hardwiring Cable or OBD-II
Power Cable professional installation recommended Thinkware CONNECTED uses netwo ||| U3000
Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0
Built-in Radar Key Features *Requires Hardwiring Cable or OBD-II Power Cable professional installation
recommended Thinkware CONNECTED uses netwo ||| U3000 Front 4K UHD Rear 2K QHD Thinkware
CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0 Built-in Radar Key Features *Requires
Hardwiring Cable or OBD-II Power Cable professional installation recommended Thinkware
CONNECTED uses netwo ||| U3000 Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony
STARVIS 2 Super Night Vision 4.0 Built-in Radar Key Features *Requires Hardwiring Cable or OBD-II
Power Cable professional installation recommended Thinkware CONNECTED uses netwo ||| U3000
Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0
Built-in Radar Key Features *Requires Hardwiring Cable or OBD-II Power Cable professional installation
recommended Thinkware CONNECTED uses netwo ||| U3000 Front 4K UHD Rear 2K QHD Thinkware
CONNECTED App 2 Sony STARVIS 2 Super Night Vision 4.0 Built-in Radar Key Features *Requires
Hardwiring Cable or OBD-II Power Cable professional installation recommended Thinkware
CONNECTED uses netwo



U3000 Front 4K UHD Rear 2K QHD Thinkware CONNECTED App 2 Sony STARVIS
2 Super Night Vision 4.0 Built-in Radar Key Features *Requires Hardwiring Cable or
OBD-II Power Cable professional installation recommended ** Thinkware
CONNECTED uses network data. Carrier charges may apply. 4K UHD Front...
lang:en score:32 filesize: 1.84 M page_count: 2 document date: 2023-04-25

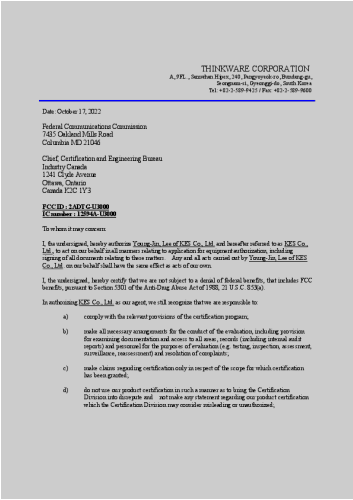


[pdf] Confidentiality Request Letter

Microsoft Word Confidentiality Request Letter ahndw THINKWARE CORPORATION U3000 DASH CAM 2ADTG 2ADTGU3000 u3000

THINKWARE CORPORATION A, 9FL., Samwhan Hipex, 240, Pangyoyeok-ro, Bundang-gu, Seongnam-si, Gyeonggi- ... io Canada K2C 1Y3 Confidentiality Request regarding application for certification of FCC ID: 2ADTG-**U3000** IC number : 12594A-**U3000** Pursuant to Sections 0.457 and 0.459 of the Commission s Rules, we h...

lang:en score:32 filesize: 102.52 K page_count: 1 document date: 2022-10-19



[pdf] Agent Authorization

Microsoft Word Agent Authorization Letter ahndw LOA THINKWARE CORPORATION U3000 DASH CAM 2ADTG 2ADTGU3000 u3000

THINKWARE CORPORATION A, 9FL., Samwhan Hipex, 240, Pangyoyeok-ro, Bundang-gu, Seongnam-si, Gyeonggi- ... Engineering Bureau Industry Canada 1241 Clyde Avenue Ottawa, Ontario Canada K2C 1Y3 FCC ID : 2ADTG-**U3000** IC number : 12594A-**U3000** To whom it may concern: I, the undersigned, hereby authorize Young-J...

lang:en score:31 filesize: 115.66 K page_count: 2 document date: 2022-10-19



[pdf] Quick Start Guide Guide

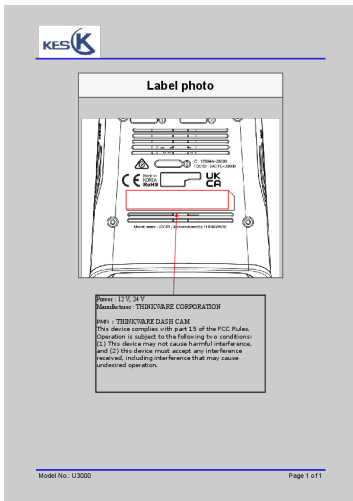
QSG U3000 Desktop MO cgyoung Quick Start Guide THINKWARE EU Official Site 1 eu thinkwarestore

2024 10 ||| ||| U3000 Click 2 1 3 2 1 RADAR External Battery Saving - Enabled ACMA-027PAM301

U3000 Click 2 1 3 2 1 RADAR External Battery Saving - Enabled ACMA-027PAM301

...

lang:en score:31 filesize: 3.18 M page_count: 8 document date: 2024-06-06

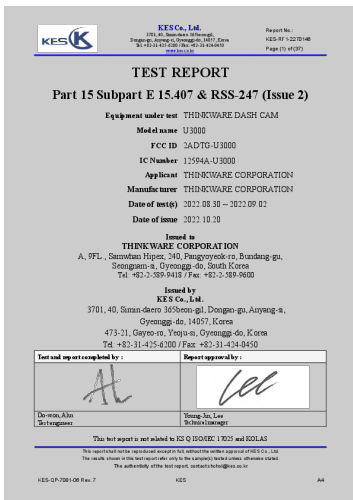


[\[pdf\]](#) Label

Microsoft Word Label Location ahndw THINKWARE CORPORATION U3000 DASH CAM 2ADTG 2ADTGU3000 u3000

Label photo Power : 12 V, 24 V Manufacturer : THINKWARE CORPORATION PMN : THINKWARE DASH CAM This d ... t any interference received, including interference that may cause undesired operation. Model No.: **U3000** Page 1 of 1 ...

lang:en **score:31** filesize: 250.56 K page_count: 1 document date: 2022-10-19



[\[pdf\]](#) Test Report

Microsoft Word RF Test report 15 407 ahndw Report THINKWARE CORPORATION U3000 DASH CAM 2ADTG 2ADTGU3000 u3000

KES Co., Ltd. 3701, 40, Simin-daero 365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Korea Tel ... T Part 15 Subpart E 15.407 RSS-247 Issue 2 Equipment under test THINKWARE DASH CAM Model name **U3000** FCC ID 2ADTG-**U3000** IC Number 12594A-**U3000** Applicant THINKWARE CORPORATION Manufacturer THINKWA...

lang:en **score:30** filesize: 5.13 M page_count: 38 document date: 2022-10-24



[\[pdf\]](#) User Manual

Untitled Benutzerhandbuch thinkwarethinkwarestore â 2024 03 U 18 — Informationen zum Produkt

Dieses nimmt Videos auf solange das Fahrzeug in Betrieb ist Verwenden Sie dieses 44 puslapiai U3000

User Manual German 1 3 thinkwarestore |||

Benutzerhandbuch Dieses Produkt nimmt Videos auf, solange das Fahrzeug in Betrieb ist. Lesen und bef ... n diesem Benutzerhandbuch ndern. Dieses Benutzerhandbuch gilt ausschließlich fr das Modell THINKWARE **U3000**. Es enthlt u. U. technische oder redaktionelle Fehler bzw. unvollstndige Informationen. Urheber... lang:de **score:30** filesize: 1.86 M page_count: 44 document date: 2024-03-18



[\[pdf\]](#) User Manual

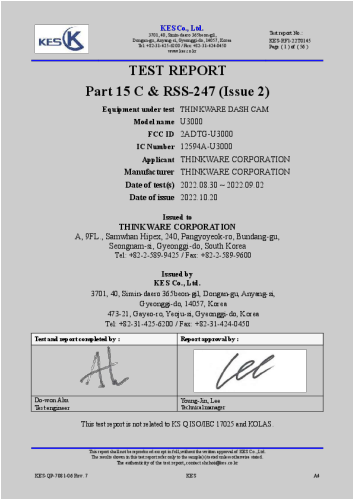
17 anp 2025 r —

U3000 0 manual jp thinkware co

themes assets images support dash cam 05 |||

U3000 . THINKWARE ECUTPMS THINKWARE DASH CAM **U3000** THINKWARE
THINKWARE THINKWARE DASH CAM **U3000**THINKWARE 1. 1.1 1.1.1 1.1.2 1.2
1.2.1 - 1.2.2 - 1.2.3 1.3 microSD 2. 2.1 2.1.1 2.1.2 2.1.3 2.1.4 C-PL 2.2 2.2.1 2.2.2
2.2.3 3. 3.1 3.2 3.3 3.4 3.5 SOS 3.6 ...

lang:i-klngon **score:30** filesize: 4.79 M page_count: 37 document date: 2023-08-17



[\[pdf\]](#) Test Report

Microsoft Word RF Test report 15 247 ahndw Report THINKWARE CORPORATION U3000 DASH CAM
2ADTG 2ADTGU3000 u3000

KES Co., Ltd. 3701, 40, Simin-daero 365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-
do, 14057, Korea Tel ... 6 TEST REPORT Part 15 C RSS-247 Issue 2 Equipment
under test THINKWARE DASH CAM Model name **U3000** FCC ID 2ADTG-**U3000** IC
Number 12594A-**U3000** Applicant THINKWARE CORPORATION Manufacturer
THINKWA...

lang:en **score:30** filesize: 2.32 M page_count: 55 document date: 2022-10-24



[\[pdf\]](#) User Manual

Benutzerhandbuch OTTODieses gilt ausschließlich für das Modell THINKWARE U3000 ist eine
eingetragene Marke von Alle Produktlogos bc6e7e6f b798 4ac8 863a 6a6714c4f670d otto de files
bc6e7e6f 6a6714c4f670 |||

Benutzerhandbuch Dieses Produkt nimmt Videos auf, solange das Fahrzeug in
Betrieb ist. Lesen und bef ... n diesem Benutzerhandbuch ndern. Dieses
Benutzerhandbuch gilt ausschlielich fr das Modell THINKWARE **U3000**. Es enthlt u.
U. technische oder redaktionelle Fehler bzw. unvollstndige Informationen. Urhebe...

lang:de **score:29** filesize: 2.84 M page_count: 44 document date: 2024-04-15



[THINKWARE U3000 PRO](#) -

THINKWARE U3000 PRO

lang:en score:28 filesize: 2.25 M page_count: 41 document date: 2025-09-19



[\[pdf\] User Manual](#)

Untitled 20 hours ago — FCC ID 2ADTG U3000 Page 38 RSS

247 User Manual Chinese 1 3 thinkwarestore 2024 03 |||

THINKWARE ECU TPMS THINKWARE **U3000** THINKWARE THINKWARE
THINKWARE **U3000** THINKWARE 1. 1.1 1.1.1 1.1.2 1.2 1.2.1 -- 1.2.2 -- 1.2.3 1.3 2.
2.1 2.1.1 2.1.2 2.1.3 2.2 2.2.1 2.2.2 2.2.3 3. 3.1 3.2 3.3 3.4 3.5 SOS 3.6 3.7 3.8 4. 4.1
4.2 4 ...

lang:i-klnglon score:28 filesize: 2.1 M page_count: 39 document date: 2024-03-18



[\[pdf\] User Manual](#)

Untitled 2024 03 22 — 39 puslapiai U3000 User

Manual Chinese Traditional 1 3 thinkwarestore |||

THINKWARE ECU TPMS THINKWARE **U3000** THINKWARE THINKWARE
THINKWARE **U3000** THINKWARE 4 1. 6 1.1 6 1.1.1 6 1.1.2 6 1.2 7 1.2.1 ---- 7 1.2.2 --
-- 8 1.2.3 8 1.3 9 2. 10 2.1 10 2.1.1 10 2.1.2 10 2.1.3 12...

lang:en score:27 filesize: 2.11 M page_count: 39 document date: 2024-03-18