

VANTRUE E1 Lite

Vantrue E1 Lite 1080P WiFi Mini Dash Cam User Manual

Model: E1 Lite | Brand: VANTRUE

1. INTRODUCTION

Thank you for choosing the Vantrue E1 Lite 1080P WiFi Mini Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your new dash cam and its accompanying Type C USB Hardwire Kit. Please read this manual thoroughly before use to ensure proper functionality and safety.

Key Features:

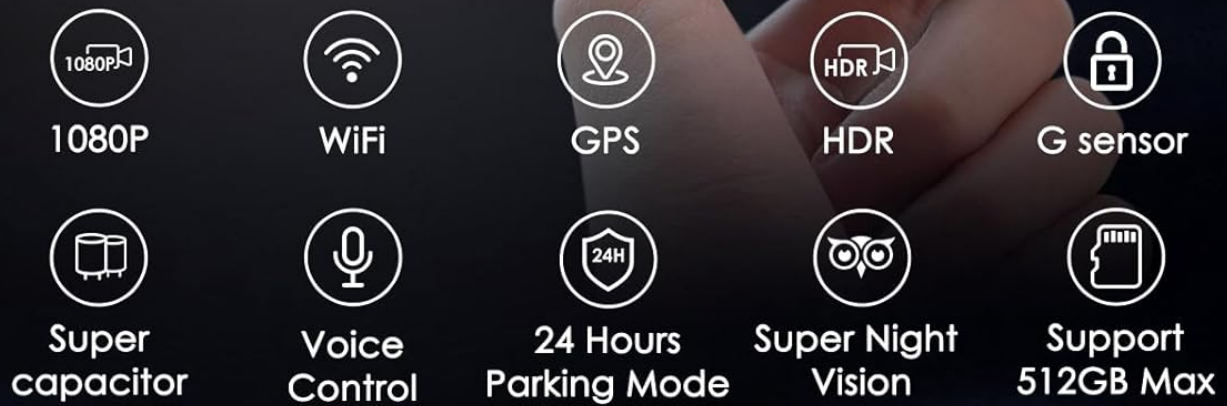
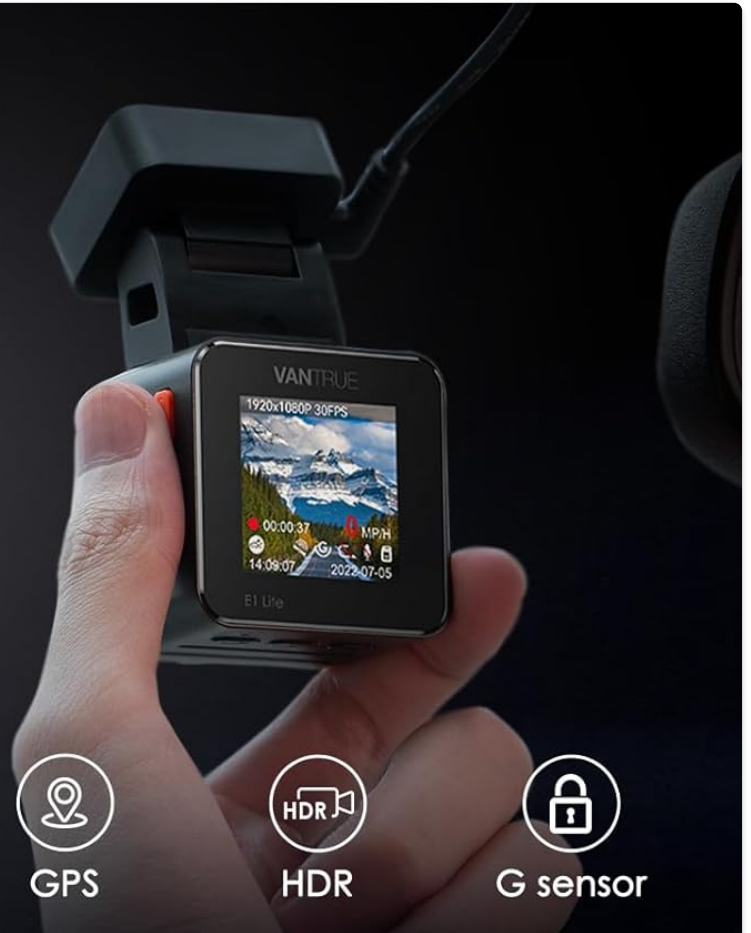
- **1080P + HDR High Resolution:** Records clear video with a 160-degree viewing angle and F1.8 wide aperture, enhanced by HDR technology for optimal night performance.
- **Built-in WiFi & Free APP:** Connects to Android or iOS smartphones for live streaming, video download, GPS data tracking, settings adjustment, and easy sharing.
- **GPS and Speed Tracking:** Records speed (KMH/MPH), location, route, and direction, viewable via smartphone app or PC.
- **Hands-Free Voice Control:** Control the dash cam with spoken commands (available in English, Japanese, Russian, Chinese) for saving video, taking photos, and managing audio/WiFi/screen.
- **24 Hours Parking Mode:** Automatic parking mode activation with collision detection, motion sensor, low bitrate, or low frame rate recording options. Requires hardwire kit for continuous power.



The Vantrue E1 Lite Dash Cam, showcasing its compact design and connectivity features with the mobile application.



Mini but powerful



Despite its mini size, the E1 Lite offers powerful features including 1080P recording, WiFi, GPS, HDR, and 24-hour parking mode.

2. WHAT'S IN THE BOX

Your Vantrue E1 Lite bundle includes the following components:

- Vantrue E1 Lite 1080P WiFi Mini Dash Cam

- Type C USB Hardwire Kit



The included Type C USB Hardwire Kit, essential for enabling 24-hour parking mode and providing continuous power.

3. SETUP GUIDE

3.1. Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the dash cam. Ensure it does not obstruct your view.
2. Attach the magnetic bracket to the dash cam.
3. Peel off the protective film from the adhesive pad on the bracket and firmly press it onto the chosen windshield location for at least 30 seconds.
4. Adjust the lens angle to ensure it captures the road ahead clearly.

3.2. Hardwire Kit Installation

The Type C USB Hardwire Kit provides continuous power to the dash cam, enabling the 24-hour parking mode and

protecting your vehicle's battery from discharge.

1. Identify a constant fuse (always on) and an ACC (accessory) fuse (on with ignition) in your vehicle's fuse box.
2. Connect the red wire of the hardwire kit to the constant fuse using an appropriate fuse tap.
3. Connect the yellow wire of the hardwire kit to the ACC fuse using an appropriate fuse tap.
4. Connect the black wire to a metal ground point on the vehicle chassis.
5. Route the Type C USB cable from the hardwire kit to the dash cam, ensuring it is neatly tucked away and does not interfere with driving.
6. Plug the Type C USB connector into the dash cam.



Low Voltage Protection

12V/24V Car:

1. Automatically cut off connected metal when voltage below 11.6V or 23.2V with switch button turning right.
2. Automatically cut off connected metal when voltage below 12V or 24V with switch button turning left.

The hardwire kit provides low voltage protection, automatically cutting off power to prevent battery drain.

3.3. Initial Power On & MicroSD Card

- Insert a high-speed (Class 10 or higher) MicroSD card (up to 512GB, not included) into the dash cam's slot.
- Once powered, the dash cam will automatically turn on and begin recording.
- Format the MicroSD card within the dash cam's settings for optimal performance.

4. OPERATING INSTRUCTIONS

4.1. Basic Recording

The dash cam automatically starts loop recording when the vehicle ignition is on. Older files will be overwritten when the memory card is full.

4.2. WiFi & App Connection

Download the Vantrue Cam APP from your smartphone's app store (Android/iOS).

1. On the dash cam, enable WiFi through the settings menu or voice command.
2. On your smartphone, connect to the dash cam's WiFi network (SSID and password displayed on the dash cam screen).
3. Open the Vantrue Cam APP to view live footage, download videos, track GPS data, and adjust settings.

WiFi & GPS Logger

Connect your iPhone or Android smartphone to E1 Lite via Vantrue Cam APP.



Setup



Preview



GPS track



Download



Share



Zoom in a video to effectively capture license plate details on computer.(Win/Mac)

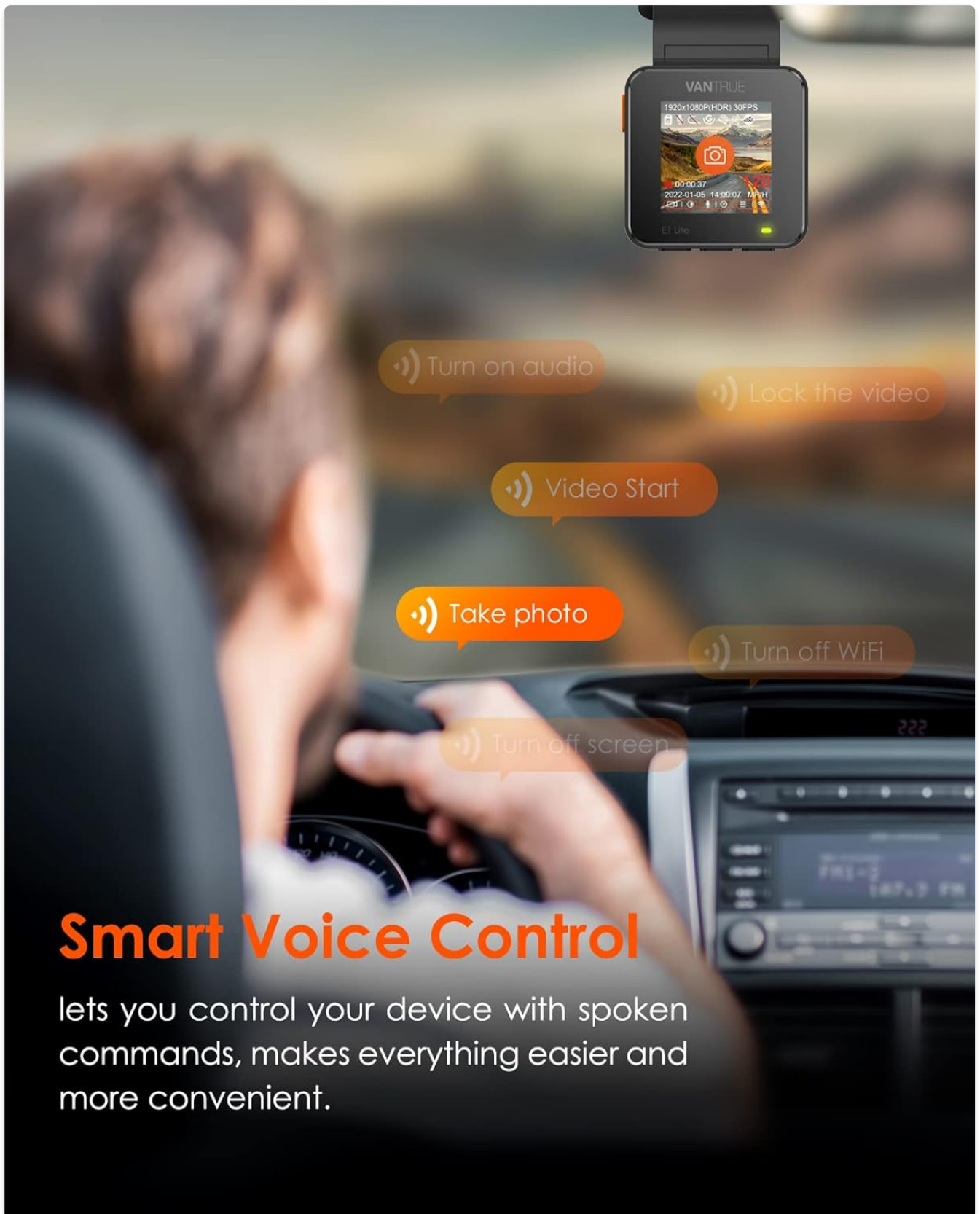
The Vantrue Cam App allows seamless control and access to recordings, including GPS tracking and sharing features.

4.3. Voice Control

The E1 Lite supports hands-free voice commands for common operations. Ensure the voice control feature is enabled in settings.

- "Save video": Locks the current recording to prevent overwriting.
- "Take photo": Captures a still image.
- "Start video": Begins recording.

- "Turn on/off audio": Toggles microphone recording.
- "Turn on/off WiFi": Activates or deactivates the WiFi module.
- "Turn on/off screen": Toggles the display screen.



Smart Voice Control

lets you control your device with spoken commands, makes everything easier and more convenient.

Smart voice control allows for hands-free operation, enhancing safety while driving.

4.4. Parking Mode

With the hardwire kit installed, the dash cam can monitor your vehicle 24/7. Select your preferred parking mode in the settings:

- **Collision Detection:** Records when an impact is detected.
- **Buffered Motion Detection:** Records when motion is detected, including 5 seconds prior to the event.
- **Low Frame Rate Recording:** Continuously records at a lower frame rate to save storage space.
- **Low Bitrate Recording:** Continuously records at a lower bitrate to save storage space.



24 Hours Parking Mode

**5s pre-recording
buffered motion detection**

(Before) 5 seconds (After) 30 seconds



2560x1440P 30FPS



00:00:37 2022-08-03 14:09:07 MP/H

Must be hardwired or connect with external battery.
Hardwire kit is sold separately via Asin **B083XB8T7T**.



Collision
Detection



Buffered Motion
Detection



Low Frame
Rate Recording



Low Bitrate
Recording

The 24-hour parking mode provides continuous surveillance, capturing events even when the vehicle is parked.

5. MAINTENANCE

5.1. MicroSD Card Care

- Regularly format the MicroSD card (at least once a month) to prevent data corruption and ensure smooth recording.
- Use only high-quality, reputable MicroSD cards designed for dash cam use.

5.2. Cleaning

- Wipe the dash cam lens with a soft, lint-free cloth to ensure clear video quality.
- Clean the dash cam body with a dry or slightly damp cloth. Avoid using harsh chemicals.

5.3. Firmware Updates

Check the Vantrue official website periodically for firmware updates. Updating the firmware can improve performance, add new features, and fix bugs.

6. TROUBLESHOOTING

6.1. Dash Cam Not Turning On

- Ensure the power cable is securely connected to both the dash cam and the power source.
- Check the vehicle's fuse box for any blown fuses related to the hardwire kit connection.
- Verify the vehicle's battery voltage is sufficient if using parking mode.

6.2. Recording Issues (Freezing, Gaps, Corrupted Files)

- Format the MicroSD card regularly within the dash cam settings.
- Ensure you are using a high-speed (Class 10 or higher) MicroSD card from a reputable brand.
- Try a different MicroSD card to rule out card failure.

6.3. WiFi Connection Problems

- Ensure WiFi is enabled on the dash cam.
- Restart both the dash cam and your smartphone.
- Forget the dash cam's WiFi network on your phone and reconnect.
- Ensure your phone is within close proximity to the dash cam.

6.4. GPS Not Tracking

- Ensure the dash cam has a clear view of the sky for GPS signal acquisition.
- Verify GPS is enabled in the dash cam settings.
- Check for firmware updates that might improve GPS performance.

7. SPECIFICATIONS

Feature	Detail
Model Name	E1 Lite
Video Capture Resolution	1080p
Field Of View	160 Degrees
Connectivity Technology	Wi-Fi, USB
Control Method	Voice
Mounting Type	Windshield Mount
Included Components	Hardwire Kit
Vehicle Service Type	Car

The E1 Lite is built with safety in mind, featuring fire-proof materials, a durable screen, supercapacitor for reliability, and a convenient magnetic bracket.





8. WARRANTY AND SUPPORT

Vantrue is committed to providing high-quality products and excellent customer service.

- **Warranty:** 18-Month Extended Warranty
- **Return Policy:** 30 Days Return Policy
- **Customer Support:** 24 Hours Customer Support

For any inquiries or support, please contact us:

- **Email:** support@vantrue.net
- **Phone:** 510-666-4086

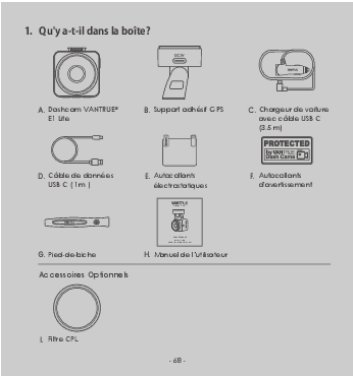
	<p>VANTRUE E360 Dash Cam User Manual - Installation, Features, and Settings</p> <p>Comprehensive user manual for the VANTRUE E360 dash cam. Learn about installation, features like loop recording, parking mode, voice control, and app connectivity. Get detailed specifications and support.</p>
	<p>Vantrue Nexus 5S User Manual: Installation, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the Vantrue Nexus 5S dash cam, covering installation guides, operational instructions, feature explanations, technical specifications, and troubleshooting tips. Learn how to set up and use your Vantrue Nexus 5S for optimal performance.</p>
	<p>VANTRUE OnDash X3 Dash Cam User Manual</p> <p>Comprehensive user manual for the VANTRUE OnDash X3 dash cam, covering installation, setup, features, specifications, and troubleshooting. Learn how to use your dash cam for optimal driving safety and recording.</p>
	<p>VANTRUE Element 3 Dash Cam User Manual</p> <p>Comprehensive user manual for the VANTRUE Element 3 Voice-Controlled 3 Channel Dash Cam, detailing installation, features, specifications, and support.</p>

Documents - VANTRUE – E1 Lite



[pdf] User Manual Specifications Warranty Accessories

E1 lite 22 ott 2022 — E Warning Stickers H User Manual B GPS Adhesive Mount G CPL Filter I Turn on the WiFi function of camera enter settings Lite vantrue net files software ||| NN9NN H Element 1 Lite User Manual Smart Cube Voice Controlled Dash Cam Hey, find us here: [www. ... ienst 67 72 Garantie Support 120 125 Gwarancja wsparcie 161 8IBU TJOUIF#PY A. Vantrue **E1 Lite** Dash Cam B. GPS Adhesive Mount C. Car Charger with Built-in Type C Cable 11.5ft D. Type... lang:en score:34 filesize: 4.78 M page_count: 201 document date: 2022-10-24](#)



[pdf] User Manual

E1 lite Manuel de l'utilisateur VANTRUE Lite 1080P Mini WiFi GPS Dashcam Avant Voiture avec HDR Contrôle APP Commande Vocale en Anglais Surveillance du Stationnement 24h 1 54 Pouces 160° Capteur G Max 512G Amazon fr High Tech A1CK7kADq0L m media amazon images I ||| 2VZBUJMEBOTMBCPUF A. Dashcam VANTRUE **E1 Lite** B. Support adhsif GPS C. Chargeur de voiture avec cble USB C 3.5 m D. Cble de donnes USB C 1m E. Autocollants lectrostatiques Element 1 Lite F. Autocollants d avertissement G. Pied-de-biche User Manual Smart Cube Voice Controlled Dash Cam H.... lang:fr score:25 filesize: 1.82 M page_count: 35 document date: 2022-10-24

VANTRUE

Automobile Security & Dashcam Focused.

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Automobile Security Dashcam Focused. Element 1 Model NO.: E1 Resolution:

Viewing Angle: Displa ... tery charged WiFi: Support CPL: Support optional G-Sensor:

Support Element 1 Lite Model NO.: **E1 Lite** Resolution: Viewing Angle: Display: Voice Control: GPS Tracking: USB Port: External Capacit...

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Automobile Security & Dashcam Focused.

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Automobile Security Dashcam Focused. Nexus 5 Model NO.: N5 Resolution: Front

Front Cabin Rear ... tery charged WiFi: Support CPL: Support optional G-Sensor:

Support Element 1 Lite Model NO.: **E1 Lite** Resolution: Viewing Angle: Display: Voice Control: GPS Tracking: USB Port: External Capacit...

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