VANTRUE E1

Vantrue E1 2.7K WiFi Mini Dash Cam User Manual

MODEL: E1

The Vantrue E1 Dash Cam, shown with its wireless controller and a smartphone displaying the companion app interface, highlights its compact design and integrated features like GPS tracking and 2.7K video recording.

Setup   **Operating**   **Maintenance**   **Troubleshooting**   **Specifications**   **Warranty & Support**

1. Setup and Installation

This section guides you through the initial setup and installation of your Vantrue E1 Dash Cam.

1.1 What's in the Box

The image displays all components included in the Vantrue E1 Dash Cam package: the E1 dash cam, GPS adhesive mount, wireless remote control, car charger, Type-C data cable, crowbar tool, electrostatic stickers, spare mount sticker, warning stickers, and the user manual.

- Vantrue Element 1 Dash Cam with GPS Adhesive Mount
- 11.5ft Type C Car Charger Cable & 3.3ft Data Cable
- Wireless Controller
- Electrostatic stickers and Warning Stickers
- Crowbar and User Manual

1.2 Mounting the Dash Cam

The Vantrue E1 uses a magnetic mount for easy attachment and detachment. Ensure a clean, dry surface on your windshield for optimal adhesion.

1. Clean the desired area on your windshield.
2. Apply the electrostatic sticker to the windshield first, then attach the GPS adhesive mount to the sticker. This allows for easier repositioning without leaving residue.
3. Slide the Vantrue E1 Dash Cam onto the magnetic mount until it clicks securely into place.
4. Connect the Type-C car charger cable to the dash cam and route the cable neatly along the windshield edge using the provided crowbar tool and cable clips (if included).
5. Plug the car charger into your vehicle's cigarette lighter socket.

This image illustrates the Vantrue E1 Dash Cam attached to its magnetic mount, positioned on a windshield, alongside its wireless controller. The magnetic mount allows for quick and secure installation.

1.3 Initial Power On and Setup

Once powered, the dash cam will automatically turn on. Follow the on-screen prompts for initial setup, including language and time zone settings.

Your browser does not support the video tag.

This video provides an overview of the Vantrue Element 1 Dash Cam, including its features and basic setup, demonstrating its

2. Operating Your Dash Cam

2.1 Basic Recording Functions

- **Automatic Recording:** The dash cam automatically starts recording when powered on.
- **Loop Recording:** Older files are overwritten when the memory card is full, ensuring continuous recording.
- **G-Sensor:** Automatically detects sudden impacts or collisions and locks the current video footage to prevent it from being overwritten.

This image demonstrates the superior detail captured by the Vantrue E1 Dash Cam at 1944P resolution compared to lower resolutions, highlighting its ability to record clear footage for evidence.

2.2 Voice Control

Control your Vantrue E1 hands-free using voice commands. Supported languages include English, Japanese, Russian, and Chinese.

- "Start video" / "Stop video"
- "Take photo"

- "Turn on audio" / "Turn off audio"
- "Lock the video"
- "Turn on WiFi" / "Turn off WiFi"
- "Turn on screen" / "Turn off screen"

A driver is shown interacting with the Vantrue E1 Dash Cam using voice commands, illustrating the hands-free operation for functions like taking photos or locking video.

2.3 WiFi and Mobile App Connectivity

Connect your smartphone to the dash cam via WiFi using the Vantrue App (available on Google Play and App Store) for live preview, video download, GPS data tracking, and settings management.

- Download the "Vantrue Cam" app from your app store.
- Enable WiFi on the dash cam (via voice command or menu).
- Connect your phone to the dash cam's WiFi network.
- Use the app to view live footage, playback recorded videos, download files to your phone, and share them.
- The app also allows you to track your driving route and speed via built-in GPS.

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

This image displays the Vantrue E1 Dash Cam connected to a smartphone, showcasing the mobile app's interface for live preview, video editing, and sharing features, along with icons for Google Play and App Store.

2.4 24-Hour Parking Mode

The 24-hour parking mode provides continuous surveillance when your vehicle is parked. This feature requires a hardwire kit (sold separately, ASIN: B083XB8T7T) for constant power.

- **Collision Detection:** Automatically records if an impact is detected while parked.
- **Buffered Motion Detection:** Records 5 seconds before and 30 seconds after motion is detected, capturing the full event.
- **Low Bitrate Recording:** Records continuously at 1080P 15fps or 720P 15fps with low power consumption to save memory.

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
0

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

1080P 15FPS Low Bitrate Recording

The image illustrates the 24-hour parking mode features of the Vantrue E1 Dash Cam, such as its buffered motion detection (showing pre-recording and post-recording) and collision detection, with a visual of a person attempting to break into a car.

3. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Vantrue E1 Dash Cam.

3.1 General Care

- Keep the lens clean using a soft, lint-free cloth. Avoid abrasive materials.

- Do not expose the dash cam to extreme temperatures outside its operating range (-4°F to 158°F / -20°C to 70°C). The built-in supercapacitor provides enhanced temperature resistance.
- The dash cam is made with fire-proof material (UL 94-V0 rated) for added safety.
- Avoid dropping the device or subjecting it to strong impacts.

This image highlights the safety features of the Vantrue E1 Dash Cam, such as its fire-proof material, 2.5D glass screen, magnetic bracket, and the supercapacitor which allows operation in extreme temperatures.

3.2 MicroSD Card Management

- Use a high-endurance MicroSD card (Class 10 or higher, U3 recommended) from a reputable brand. Vantrue SD cards are recommended.
- Format the MicroSD card regularly (at least once a month) within the dash cam's settings to prevent data corruption and ensure smooth operation.
- The dash cam supports up to 512GB memory cards, providing extended recording time.

4. Troubleshooting

If you encounter issues with your Vantrue E1 Dash Cam, refer to the following common problems and their solutions.

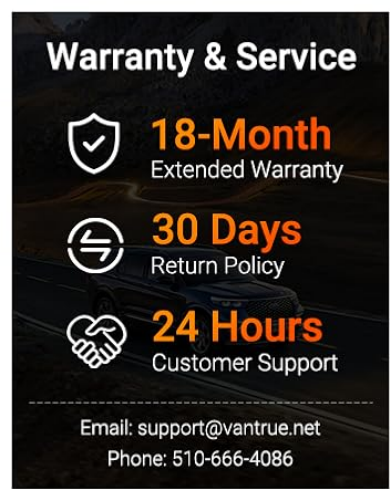| Problem	Possible Solution
Dash cam does not power on.	- Check if the car charger is properly connected to both the dash cam and the vehicle's power outlet. - Ensure the vehicle's power outlet is active (some vehicles require ignition to be on). - Try a different power source or cable if available.
Recording stops unexpectedly.	- Format the MicroSD card regularly. - Ensure you are using a high-endurance MicroSD card. - Check if the card is full; enable loop recording. - Clean the card slot and ensure the card is inserted correctly.
Video footage is blurry or unclear.	- Clean the dash cam lens. - Ensure the protective film has been removed from the lens. - Check if the windshield is clean where the camera is mounted. - Adjust the camera angle to avoid reflections. Consider purchasing a CPL filter (sold separately) to reduce glare.
WiFi connection issues.	- 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.
Voice control not responding.	- Ensure the microphone is not muted. - Speak clearly and directly towards the dash cam. - Check the voice control settings in the dash cam menu or app.

5. Technical Specifications

Key technical details for the Vantrue E1 Dash Cam.

Feature	Detail
Product Dimensions	1.77 x 1.77 x 3.27 inches
Item Weight	0.085 ounces
Video Capture Resolution	Max 2.7K (2592x1944P), 1920x1080P@60fps
Connectivity Technologies	Wi-Fi
GPS	Built-in GPS
Special Features	G-Sensor, Parking Monitor, Built-In WiFi, Smart Voice Control, Wireless Controller, Super Capacitor, 1.54 inch LCD, Compact Design
Power Source	Supercapacitor (-4°F to 158°F / -20°C to 70°C)
Memory Card Support	Up to 512GB (MicroSD, sold separately)
Mounting Type	Windshield Mount (Adhesive)

6. Warranty and Support

Vantrue is committed to providing excellent customer service and product support.

6.1 Warranty Information

This image outlines Vantrue's warranty and service details, including the 18-month extended warranty, 30-day return policy, and 24-hour customer support.

- **18-Month Extended Warranty:** Your Vantrue E1 Dash Cam comes with an 18-month extended warranty from the date of purchase.
- **30-Day Return Policy:** Refer to your purchase platform's return policy for details on returns within 30 days.

6.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Vantrue customer support:

- **Email:** support@vantrue.net
- **Phone:** 510-666-4086
- **Online Store:** Visit the official VANTRUE Store on Amazon for more products and information.