

VANTRUE E2

VANTRUE E2 Dual 2.7K Dash Cam Instruction Manual

INTRODUCTION

The VANTRUE E2 Dash Cam is a dual-channel recording system designed to capture road events in high definition. This manual provides essential information for the proper installation, operation, and maintenance of your device, ensuring optimal performance and longevity.

PACKAGE CONTENTS

Please check the box for the following items:

- VANTRUE E2 Dash Cam Unit
- Rear Camera
- Car Charger
- USB Power Cable
- Rear Camera Connection Cable
- Windshield Mount (Suction Cup or Adhesive)
- Remote Control
- User Manual
- Pry Tool
- Static Stickers
- 3M Adhesive Pads



Image: The VANTRUE E2 Dash Cam unit, rear camera, remote control, and various accessories including cables and mounts.

SETUP

1. Installation

1. **Mounting the Front Camera:** Attach the front dash cam to your windshield, ideally behind the rearview mirror, ensuring it does not obstruct your view. Use the provided static sticker before applying the adhesive mount for easier removal.
2. **Connecting the Rear Camera:** Connect the rear camera to the main unit using the provided cable. Route the cable neatly along the headliner and A-pillar to the rear of the vehicle. Ensure the rear camera is mounted to provide a clear view of the road behind.
3. **Cable Management:** Use the pry tool to tuck cables securely under trim panels to avoid interference with driving and maintain a tidy interior.

Dual 2.7K

Super HD Aufzeichnung

2560x1440P+ 2560x1440P/30FPS
2592x1944P+ 2592x1944P/24FPS

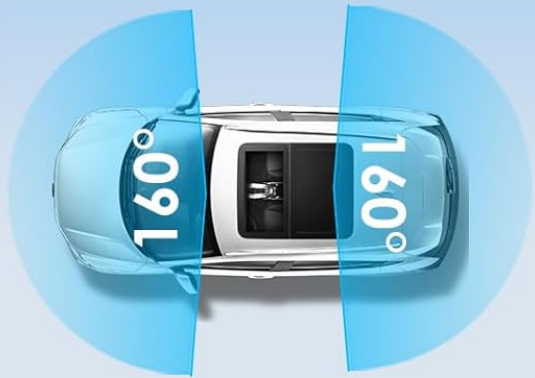


Image: Illustration of the dual 2.7K recording setup, showing the front and rear cameras mounted in a vehicle, capturing a 160-degree field of view each.

2. Power Connection

Connect the dash cam to your vehicle's power source using the provided car charger. For continuous 24-hour parking monitoring, a hardwire kit (sold separately) is required to provide constant power even when the vehicle is off.

3. MicroSD Card

Insert a high-quality microSDXC card (up to 512GB, U3 or V30 recommended) into the designated slot on the dash cam. It is crucial to format the card within the dash cam's settings before first use and periodically

thereafter to ensure stable recording performance.

OPERATION

1. Basic Recording

The dash cam automatically begins recording when powered on. It utilizes loop recording, which means when the storage card is full, the oldest unlocked files are overwritten by new recordings. This ensures continuous recording without manual intervention.

2. Emergency Recording

In the event of a sudden impact or collision, the built-in G-sensor will automatically detect the event and lock the current video segment, preventing it from being overwritten. You can also manually trigger emergency recording and lock the current video by pressing the designated button on the remote control.



Image: An icon symbolizing emergency recording, overlaid on an image of a car collision, indicating automatic event protection.

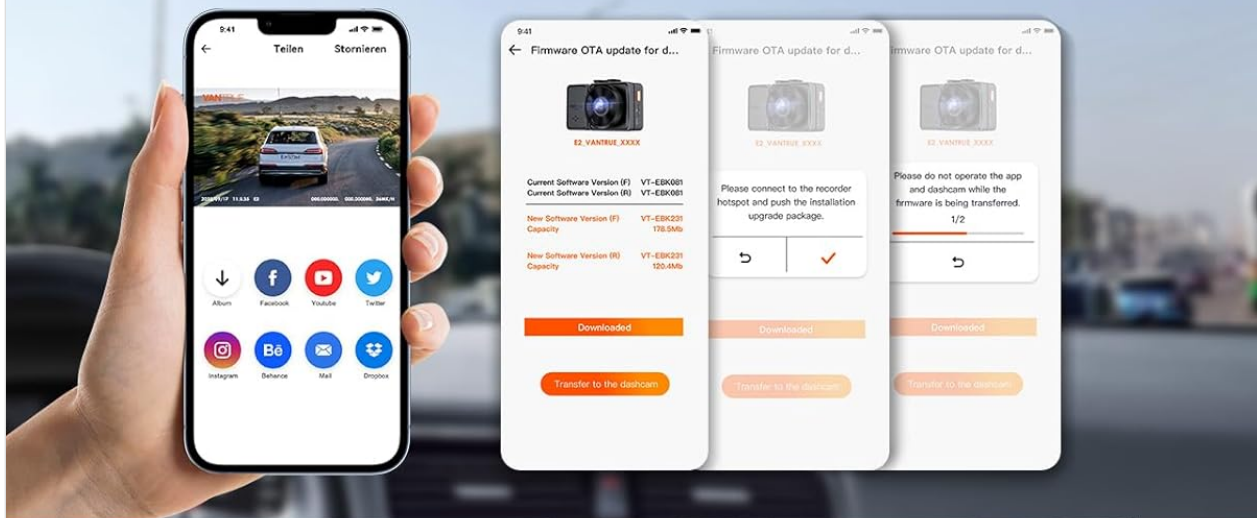
3. Voice Control

The VANTRUE E2 supports voice commands for hands-free operation. Please note that voice control is currently available in English only. Available commands include:

- "Video Start"
- "Video Stop"
- "Take Photo"
- "Turn On Wifi"
- "Lock The Video"
- "Turn off Screen"
- "Turn On Audio"

Online Aktualisierung

Dank OTA wird das Firmware-Update über die Vantrue App sehr einfach und schnell.



Smarte Sprachsteuerung



Image: A visual representation of the smart voice control feature, listing various commands such as "Video Start" and "Take Photo" in English.

4. Wi-Fi and App Connectivity

The dash cam features 5GHz Wi-Fi for fast data transfer. Download the VANTRUE Cam App to your smartphone to:

- View live footage from the dash cam.
- Play back recorded videos.
- Download video files to your phone.
- Edit and share video clips.

5GHz WiFi e VANTRUE APP

Ridefinizione dell'APP Dashcam

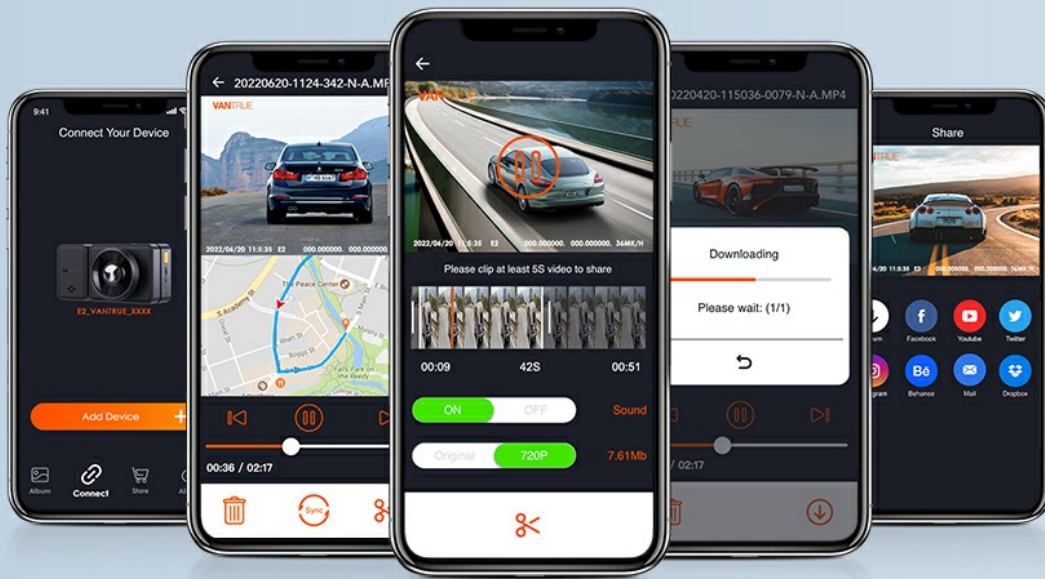


Image: Screenshots of the VANTRUE mobile application interface, demonstrating features like live preview, video playback, downloading, and sharing options.

5. GPS Functionality

The integrated dual GPS system accurately records your vehicle's time, route, and speed. This data can be viewed and analyzed using the VANTRUE Viewer software on a computer or within the mobile app, providing crucial information in case of incidents.




Image: A laptop and smartphone displaying GPS tracking data, including vehicle location, speed, and route on a map.

6. Parking Mode

The E2 Dash Cam offers an advanced buffered parking mode. When motion is detected, it records 5 seconds prior to the event, during the event, and 30 seconds after, ensuring comprehensive coverage. It also features low-light detection for enhanced night vision in parking mode. For 24-hour parking surveillance, a continuous power supply via a hardwire kit (sold separately) is required.


4 Parkmodi: Praktisch & Innovativ

NEU! Unterstützt den Schnellstart bei der Kollisionserkennung.
(Für 24h Überwachung: Hardwire Kit benötigt)



24 Stunden

30% Heller als Andere



Kollisionserkennung

Bewegungserkennung

1080P 15FPS

Niedrige Auflösung

Niedrige Framerate

Bewegungserkennung mit 15 Sek. Voraufnahme




Image: An illustration detailing the 4 parking modes, including 24-hour monitoring (requiring a hardwire kit), collision detection, motion detection, and 15-second pre-recording.

7. Optional CPL Filter

An optional Circular Polarizing Lens (CPL) filter (sold separately) can be attached to the front camera. This filter significantly reduces glare and reflections from the windshield and road surface, improving video clarity and making details like license plates and road signs more legible, especially during bright daylight conditions.



Fernbedienung



Mikrofon AUS/EIN



Schnappschuss machen



Ereignisse sperren



CPL Filter (Optional)

Reduziert erheblich Spiegelungen & Blendung und sorgt effektiv für eine bessere Erfassung von Nummern- und Straßenschildern



Image: A comparison showing the effect of an optional CPL filter, demonstrating how it reduces reflections and glare on the road for clearer video capture.

MAINTENANCE

1. Firmware Updates

Keep your dash cam's firmware up to date to ensure optimal performance and access to new features. Firmware updates can be performed conveniently over-the-air (OTA) via the VANTRU Cam App.

2. MicroSD Card Management

Regularly format your microSD card (at least once a month) through the dash cam's settings menu. This helps prevent data corruption and ensures smooth recording. Replace the microSD card if you experience frequent errors or recording issues.

TROUBLESHOOTING

- Issue: Illegible License Plates at Night**
Solution: While WDR technology enhances night vision, direct illumination from headlights can still cause glare. Consider the optional CPL filter for daytime glare reduction, which may also help in some low-light conditions by reducing reflections. Ensure the windshield is clean.
- Issue: Micro Stutters in Video**
Solution: Ensure you are using a high-quality microSD card with the recommended specifications (e.g., U3, V30 or higher). Formatting the card regularly can also help maintain performance.
- Issue: Voice Commands Not Always Responding**
Solution: Ensure the environment is quiet. Speak clearly and directly towards the dash cam. Adjust voice command sensitivity in the settings if available. Remember, voice commands are English-only.
- Issue: Dash Cam Not Powering On / Random Shutdowns**
Solution: Use the original Vantrue charging cable or a Vantrue buck cable. Some fast-charging USB-C cables may supply higher voltages than the camera supports, causing it to shut down for safety.
- Issue: Parking Mode Not Working for 24 Hours**
Solution: 24-hour parking monitoring requires a continuous power supply, typically achieved with a hardwire kit (sold separately). Standard cigarette lighter connections usually cut power when the engine is off.

SPECIFICATIONS



Feature	Specification
Brand	VANTRUE
Model Name	E2
Product Dimensions	13.4 x 14.3 x 10.8 cm
Item Weight	900 grams
Battery Type	Lithium Polymer (Super Capacitor)
Flash Memory Type	microSDXC
Max Memory Card Support	512GB
Compatible Devices	Car
Additional Features	App Control, G-Sensor, Built-in GPS, Loop Recording, Built-in WiFi

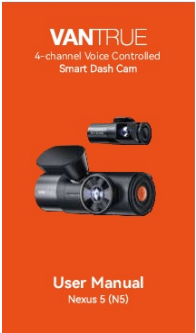

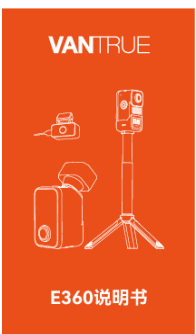

Screen Size	2.45 inches
Display Type	LCD
Video Resolution	1944p (Dual 2.7K)
Connectivity Technology	Wi-Fi (5GHz)
Supported Standards	MP4
Installation Type	Windshield Mount
Viewing Angle	160 Degrees (Front & Rear)
Color	Black

WARRANTY AND SUPPORT

The VANTRUE E2 Dash Cam comes with up to an 18-month warranty. For technical assistance or inquiries, the VANTRUE technical team aims to respond to your questions within 12-24 hours. The device also includes functionality for invoice uploading.

Related Documents - E2

 <p>VANTRUE 4-channel Voice Controlled Smart Dash Cam</p> <p>User Manual Nexus 5 (N5)</p>	<p>VANTRUE N5 4-Channel Voice Controlled Smart Dash Cam User Manual</p> <p>A comprehensive guide to the VANTRUE N5 4-channel smart dash cam, covering installation, setup, features like voice control and GPS, operation, specifications, safety warnings, and warranty information.</p>
 <p>VANTRUE</p> <p>E360 User Manual</p>	<p>Vantrue E360 User Manual: Installation, Features, and Support</p> <p>Comprehensive user manual for the Vantrue E360 5.2K 360° panoramic dash cam. Learn about installation, component overview, menu functions, drive and handheld recording modes, WiFi connectivity, app features, parking modes, firmware updates, and support.</p>

 <p>VANTRUE 4-channel Voice Controlled Smart Dash Cam</p> <p>User Manual Nexus 5 (N5)</p>	<p>Vantrue N5 User Manual: 4-channel Voice Controlled Smart Dash Cam</p> <p>Comprehensive user manual for the Vantrue N5 4-channel voice-controlled smart dash cam, detailing installation, operation, features, specifications, safety, and support.</p>
 <p>VANTRUE 4-channel Voice Controlled Smart Dash Cam</p> <p>User Manual Nexus 5 (N5)</p>	<p>VANTRUE Nexus 5 (N5) 4-channel Voice Controlled Smart Dash Cam User Manual</p> <p>A comprehensive user manual for the VANTRUE Nexus 5 (N5) 4-channel voice-controlled smart dash cam, covering installation, setup, features, app usage, specifications, and important safety information.</p>
 <p>VANTRUE</p> <p>E360说明书</p>	<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® VANTRUE®</p> <p>OnDash N2 Pro</p>	<p>VANTRUE OnDash N2 Pro Dual Dash Cam User Manual</p> <p>Comprehensive user manual for the VANTRUE OnDash N2 Pro Dual Dash Cam, covering installation, operation, settings, specifications, and warranty information. Learn how to set up and use your dash cam for optimal performance.</p>