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VIOFO A229 Plus 2CH

VIOFO A229 Plus Dash Cam User Manual

Model: A229 Plus 2CH

PRODUCT OVERVIEW



The VIOFO A229 Plus Dash Cam offers advanced dual-channel recording with cutting-edge features for enhanced road safety and surveillance. Equipped with dual Sony STARVIS 2 IMX675 image sensors, it delivers exceptional clarity and low-light performance. Its 1440P front and rear recording capabilities, coupled with HDR technology, ensure detailed footage day and night. Hands-free voice control, ultra-precise GPS, and ultra-fast 5GHz Wi-Fi provide seamless operation and connectivity. Multiple parking modes offer 24/7 protection for your vehicle.

Key Features:

- **Dual STARVIS 2 Sensors:** First Front and Rear dashcam with two Sony STARVIS 2 IMX675 image sensors for superior dynamic range and light sensitivity.
- **HDR Front & Rear Recording:** Advanced Dual-Channel HDR technology for accurate 2K details and enhanced license plate capture.
- **2-channel 1440P Recording:** Upgraded 2K + 2K front and rear recording for exceptional clarity and color saturation.
- **Hands-free Voice Control & Notification:** 12 voice commands for easy operation and clear notifications for settings changes or errors.
- **Ultra-Precise GPS:** Quad-Mode GPS module supporting 4 satellite systems for enhanced positioning

accuracy and stability.

- **Ultra Fast 5GHz Wi-Fi:** Upgraded Wi-Fi for faster data transfer, smooth video previewing, downloading, and sharing via the VIOFO App.
- **24/7 3 Parking Mode Solutions:** Auto Event Detection (buffered), Time Lapse, and Low Bitrate recording options for continuous surveillance.

WHAT'S IN THE BOX



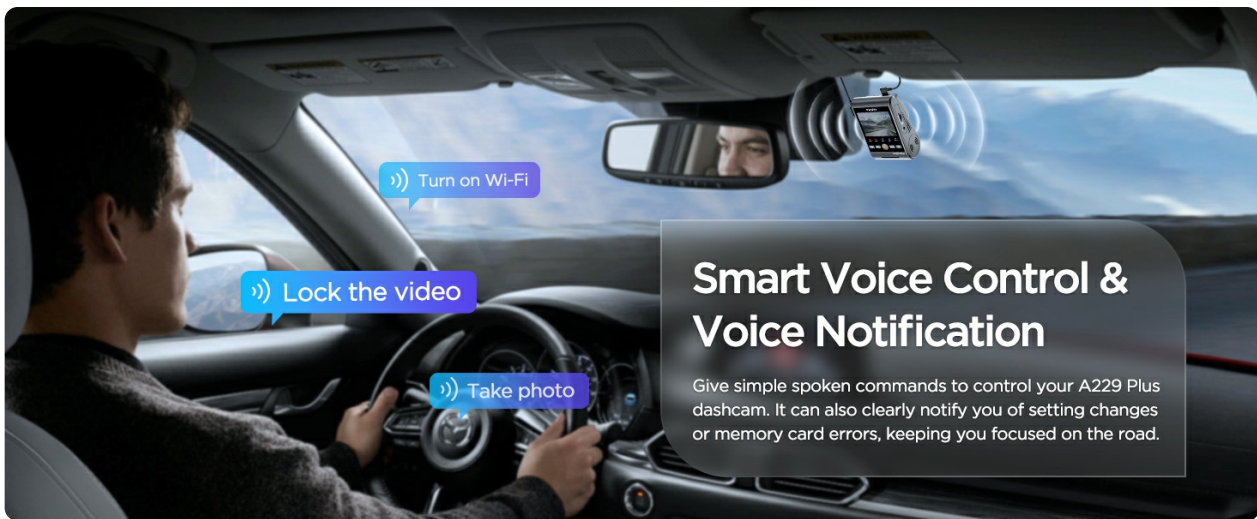
The VIOFO A229 Plus package includes all necessary components for installation and immediate use, ensuring a comprehensive setup experience.

- 1* Car Charger (3.5m) / 2* Static (Windshield) Stickers
- 1* Front + Rear Cam/ 1* Rear Cable (6m) / 2* 3M Sticker
- 1* Rear Mount / 1* Trim Removal Tool / 1* GPS Module with sticker

SETUP

Proper setup ensures optimal performance and reliable recording. Follow these steps for installation and initial configuration.

Installation:



Mount the front camera behind your rearview mirror using the provided static stickers. Route the cables along the windshield and trim for a clean installation. The rear camera can be mounted on the rear window, with its cable tucked along the vehicle's interior paneling. Ensure all connections are secure.

Initial Configuration:

After powering on the dash cam, you can configure settings directly on the device using its menu buttons or via the VIOFO App. For easier configuration and access to advanced features, activate the 5GHz Wi-Fi on the dash cam and connect your smartphone to it. The app allows for real-time footage preview, photo/video download, and adjustment of various settings.



Car License Capture Pro

HDR Dual-Channel Recording

A229 Plus excels in various lighting conditions thanks to its dual Sony STARVIS 2 IMX675 sensors. With a wider dynamic range and advanced HDR technology, its exceptional ability to capture car license details makes it stand out.

* 60fps and HDR functions cannot be used at the same time.

For detailed visual guidance on installation and initial setup, refer to the official VIOFO installation video.

Official VIOFO A229 Plus Installation and Video Samples Guide.

OPERATING INSTRUCTIONS

The VIOFO A229 Plus offers various operating modes and settings to customize your recording experience.

Voice Control:

Ultra Fast Transfers

5GHz App Control

Faster Wi-Fi transfer compared to 2.4GHz Wi-Fi. It only takes about 20 seconds to download a 1 minute 2K video. Transfer faster in the VIOFO app.

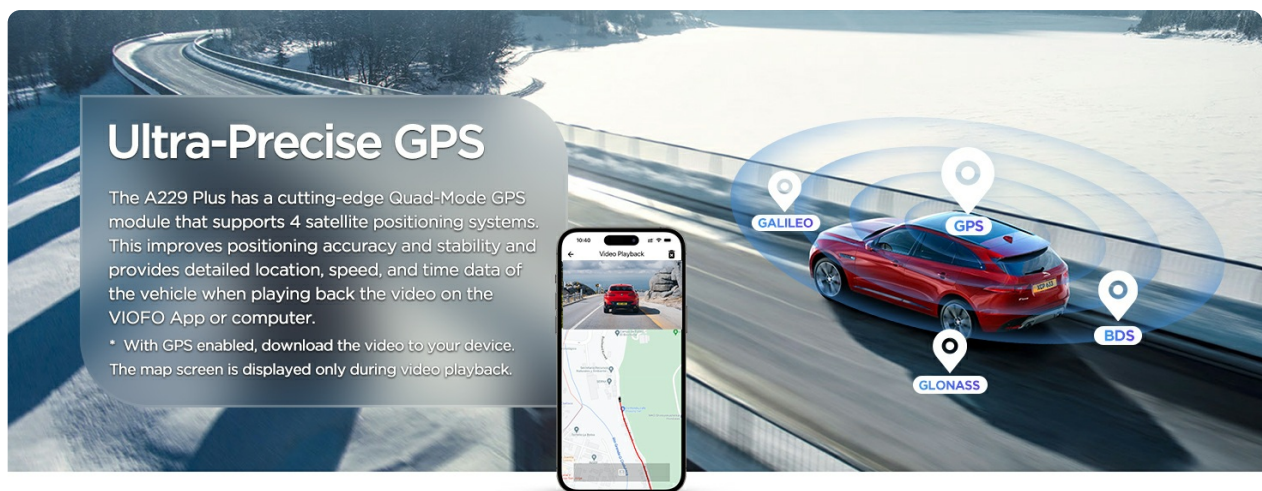
- Easy WiFi Configuration
- Live Preview
- Play, Download Videos



Control your dash cam hands-free with 12 voice commands, including 'take photo', 'lock the video', 'turn on WiFi', and 'show front/rear camera'. The dash cam also provides clear voice notifications for setting changes or memory card errors.

Recording Modes & Settings:

Adjust video resolution, bitrate, and loop recording duration. The dash cam supports 2K+2K (1440P) recording for both front and rear channels. HDR (High Dynamic Range) technology can be enabled for improved clarity in challenging lighting conditions, especially for capturing license plate details.



Loop recording ensures continuous operation by overwriting older files when the memory card is full. The built-in G-sensor automatically locks footage in case of a collision or sudden impact.

Auto Event Detection

The camera will automatically start recording and will save the video for 15 seconds before and 30 seconds after the detected event.



Time Lapse Recording

Record a video at low frames at 1 / 2 / 3 / 5 / 10 fps without audio recorded, saving storage and power.



Low Bitrate Recording

Keep recording continuously in mini file size with audio recorded, to help save more space on your MicroSD card.



For a comprehensive guide on all dash cam settings and menu options, watch the detailed video below.

VIOFO Dashcam Settings and Menu Options Tutorial.

ADVANCED FEATURES

The A229 Plus incorporates advanced technologies for superior performance and user convenience.

Ultra-Precise GPS:


1080P

2K QHD

Front and Rear

Dual STARVIS 2 Sensors

Greatly reduces noise and motion blur for high-quality day and night recording.



Dynamic Range


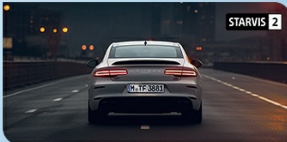
2.5x↑

Light Sensitivity



2.5x↑

* Compared to the Sony STARVIS

Less noise



Less motion blur



Equipped with a state-of-the-art Quad-Mode GPS module, supporting GPS, BEIDOU, GALILEO, and GLONASS satellite positioning systems. This significantly enhances positioning accuracy and stability, providing detailed location, speed, and time data for video playback.

Ultra Fast 5GHz Wi-Fi:



Car License Capture Pro

HDR Dual-Channel Recording

A229 Plus excels in various lighting conditions thanks to its dual Sony STARVIS 2 IMX675 sensors. With a wider dynamic range and advanced HDR technology, its exceptional ability to capture car license details makes it stand out.

* 60fps and HDR functions cannot be used at the same time.

The upgraded 5GHz Wi-Fi connection module provides much faster data transfer for smooth video previewing, downloading, and sharing. Connects to the VIOFO App for real-time footage access, photo capture, and settings adjustments.

Dual STARVIS 2 Sensors:



Clear Image Quality

2K QHD + 2K QHD Recording

A229 Plus supports upgraded 2K Quad HD recording for both front and rear views.

License Capture Pro

Upgraded 2K Rear Cam **STARVIS 2**

Dual Lens A229 Plus with STARVIS 2 Sensors. Be assured of stunning image quality with 2K rear recording.



The A229 Plus is the first front and rear dash cam to feature two Sony STARVIS 2 IMX675 image sensors. This technology offers 2.5 times dynamic range and 2.5 times light sensitivity compared to standard STARVIS, significantly reducing noise and motion blur for superior night recording.

PARKING MODES

The VIOFO A229 Plus offers three 24-hour parking mode solutions to protect your vehicle when parked. Note: The HK4 hardwire cable needs to be purchased separately for parking modes.

Wider Use



- **Auto Event Detection:** Supported by a buffered function, the camera automatically records 15 seconds before and 30 seconds after a detected event.
- **Time Lapse:** Continuously records at a low frame rate (frames per second) to save storage space and power.
- **Low Bitrate:** Records continuously in a smaller file size, including audio, to maximize storage duration.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your VIOFO A229 Plus Dash Cam.

Memory Card Management:

Super Fast Video Downloads to Phone Directly

A229 Plus supports seamless connectivity to smartphone via a USB2.0 Type-C to Type-C data cable, enabling superfast downloads of photos and videos. Specifically, the download speed is up to 20MB/s on the iPhone 15. This direct connection also facilitates effortless firmware updates.

Note: Please use a USB2.0 Type-C to Type-C data cable and ensure that your phone supports an output of 5V2A. This data transfer method is compatible with the iPhone 15 series and newer versions of Android smartphones.



The A229 Plus supports up to 512GB microSD cards. For optimal performance and durability, VIOFO recommends using industrial high endurance microSD cards. Regularly format your memory card through the dash cam's upgraded user-friendly menu to maintain performance and ensure proper recording.

Loop Recording & Auto Emergency Lock

A229 Plus supports loop recording and automatically overwrites old videos with new ones. The built-in G-sensor locks the footage in case of a collision or crash, providing peace of mind by recreating the accident scene.



You can also quickly download videos to your phone via a USB2.0 Type-C to Type-C data cable, facilitating effortless firmware updates and file management.

Friendly User Interface

The A229 Plus has upgraded its menu, allowing you to easily view the dashcam's connection and memory card formatting status.



Important Tips:

- Use only the original car charger. Avoid mobile phone chargers or data cables.
- Purchase a U1/U3 high-speed microSD card separately as it is not included.
- The rear camera cable is 6 meters. Do not stick it to the defroster lines.
- Adjust the screen saver time in the settings menu.
- Enable GPS to download videos to your device. The map display appears only during video playback.

SPECIFICATIONS

Feature	Detail
Product Dimensions	2.36 x 3.86 x 1.77 inches

Feature	Detail
Item Weight	1.86 pounds
Item Model Number	A229 Plus 2CH
Manufacturer	VIOFO
Country of Origin	China
Brand	VIOFO
Model Name	A229 Plus 2CH
Orientation	Front and Rear
Vehicle Service Type	Minivan, Bus, RV, Car, Truck
Connectivity Technology	Type-C
Special Feature	Built-In WiFi, App Control, Voice Control, Compact Design, Built-In GPS
Video Capture Resolution	1440p
Mounting Type	Windshield Mount
Color	A229 Plus 2CH

WARRANTY & SUPPORT

VIOFO products come with a standard warranty to ensure your peace of mind.







Warranty Policy:

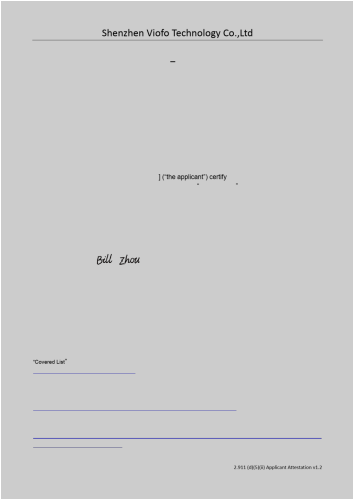
- All cameras are entitled to a 12-month warranty from the date of purchase.
- Accessories are covered by a 3-month warranty.

Additional Support:

- For further assistance or to explore more products, visit the [VIOFO Official Store](#).
- A detailed [User Guide \(PDF\)](#) is available for download.

Related Documents - A229 Plus 2CH

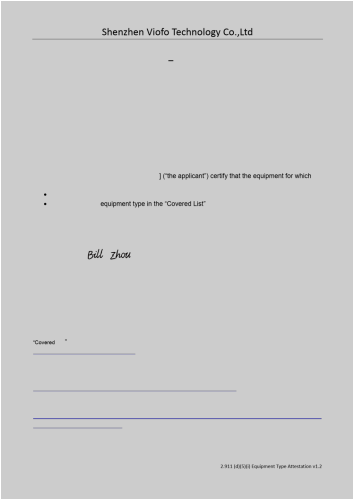
	<p>VIOFO A229 Pro Dash Cam User Manual</p> <p>Comprehensive user manual for the VIOFO A229 Pro dash cam, covering installation, operation, settings, and features.</p>
	<p>VIOFO A119 MINI 2 User Manual</p> <p>Comprehensive user manual for the VIOFO A119 MINI 2 dash cam, detailing installation, operation, system settings, and features for optimal use.</p>
	<p>VIOFO HK4 Dash Cam User Manual and Specifications</p> <p>Comprehensive guide to the VIOFO HK4 dash cam, covering installation, operation, features, VIOFO app usage, and technical specifications. Learn how to use your VIOFO HK4 for optimal driving safety.</p>
	<p>VIOFO A129 Duo Dash Cam User Manual and Guide</p> <p>Comprehensive user manual for the VIOFO A129 Duo dual-channel dash cam. Learn about installation, operation, system settings, features like GPS, Wi-Fi, and parking mode.</p>
	<p>VIOFO VS1 Dash Camera User Manual and Installation Guide</p> <p>Comprehensive guide to installing, setting up, and using the VIOFO VS1 dash camera, including details on the VIOFO APP and HK4 hardwire kit.</p>
	<p>VIOFO A229 Dash Cam Gebruiksaanwijzing en Installatiegids</p> <p>Gedetailleerde gebruiks- en installatiehandleiding voor de VIOFO A229 dashcam, inclusief functies, instellingen, aansluitingen en klantenservice-informatie.</p>



[Shenzhen Viofo Technology Co., Ltd. FCC Certification Filing](#)

FCC Section 2.911(d)(5)(ii) certification filing for Shenzhen Viofo Technology Co., Ltd.'s Car Dash Camera, including models A229 Pro, A229 Plus, and their variants. Confirms the applicant is not on the Covered List.

lang:en score:30 filesize: 168.3 K page_count: 2 document date: 2023-09-18

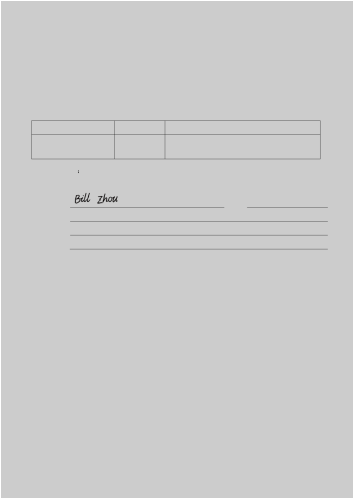


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dell990 Attestation Statements 1 Shenzhen Viofo Technology Co Ltd A229PRO Car Dash Camera 2AMBW 2AMBWA229PRO a229pro

Shenzhen Viofo Technology Co.,Ltd Section 2.911 d 5 i Certification EquipmentType Company name: ... ct,Shenzhen,China Product Name: Car Dash Camera FCCID: 2AMBW-A229PRO Model s : A229 Pro, A229 Plus, A229 Plus 2CH, A229 Plus 3CH, A229 Pro 2CH, A229 Pro 3CH 2.911 d 5 i EquipmentType We, Shenzhen ...

lang:en score:29 filesize: 181.59 K page_count: 1 document date: 2023-09-18



[\[pdf\]](#) Declaration of Conformity

FACSIMILE TRANSMISSION User Family models declaration letter Shenzhen Viofo Technology Co Ltd A229PRO Car Dash Camera 2AMBW 2AMBWA229PRO a229pro

Declaration on model difference All models covered in this report are the same with each other, exce ... nal test prototype Production name Car Dash Camera Trade name N/A Model no. A229 Pro, A229 Plus, A229 Plus 2CH, A229 Plus 3CH, A229 Pro 2CH, A229 Pro 3CH. Confirmed byShenzhen Viofo Technology Co....

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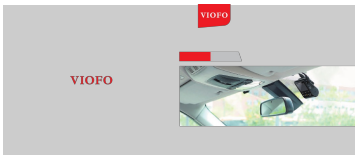


[pdf] Agent Authorization

Date bctcemc005 Agent Authorization Shenzhen Viofo Technology Co Ltd A229PRO Car Dash Camera 2AMBW 2AMBWA229PRO a229pro

Shenzhen Viofo Technology Co.,Ltd 2023.09.14 Eurofins Electrical and Electronic Testing NA, Inc. 914 W. Patapsco Avenue Baltimore, MD 21230 USA RE: LETTER OF AGENT AUTHORIZATION EUT NAME: Car Dash Camera MODEL : A229 Pro, A229 Plus, A229 Plus 2CH, A229 Plus 3CH, A229 Pro 2CH, A229 Pro 3CH. FCC ID: 2...

lang:en score:28 filesize: 106.68 K page_count: 1 document date: 2023-09-18



[pdf] Specifications Catalog

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www.viofo.com VIOFO Professional Dash Camera Manufacturer Shenzhen Viofo Technology Co.,Ltd 1 A22 ... 329TW 3CH 11 A329WW 3CH 12 VS1 12 A229 Pro 3CH 13 A229 Pro 2CH 14 A229 Pro 1CH 15 A229 Plus 3CH 16 A229 Plus 2CH 17 A229 Plus 1CH 18 A119 MINI 2 19 MT1 20 A129 Pro Duo 21 A129 Plus Duo 22 A119 V3 A...

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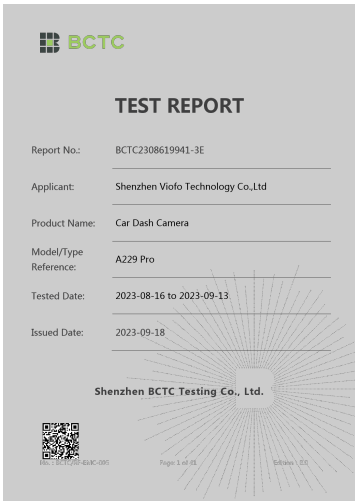


[pdf] Catalog

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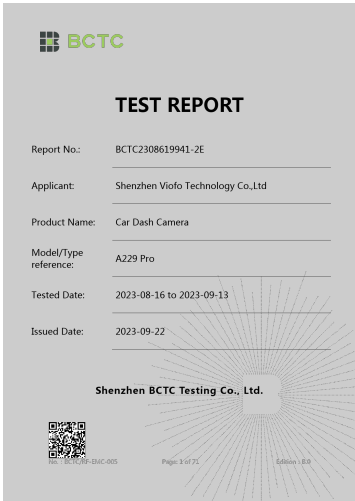


[pdf] Test Report

Jade Test Report 2 Shenzhen Viofo Technology Co Ltd A229PRO Car Dash Camera 2AMBW 2AMBWA229PRO a229pro

TEST REPORT Report No.: BCTC2308619941-3E Applicant: Shenzhen Viofo Technology Co.,Ltd Product ... Date: Report No.: Test Standards: Test Results: Remark: Car Dash Camera VIOFO A229 Pro, A229 Plus, A229 Plus 2CH, A229 Plus 3CH, A229 Pro 2CH, A229 Pro 3CH. Shenzhen Viofo Technology Co.,Ltd Room201,...

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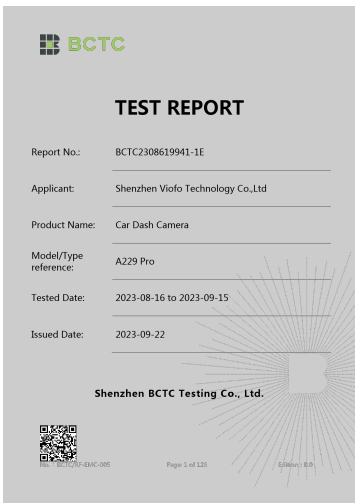


[pdf] Test Report

55013 Jade Test Report 1 Shenzhen Viofo Technology Co Ltd A229PRO Car Dash Camera 2AMBW 2AMBWA229PRO a229pro

TEST REPORT Report No.: BCTC2308619941-2E Applicant: Shenzhen Viofo Technology Co.,Ltd Product ... Date: Report No.: Test Standards: Test Results: Remark: Car Dash Camera VIOFO A229 Pro, A229 Plus, A229 Plus 2CH, A229 Plus 3CH, A229 Pro 2CH, A229 Pro 3CH. Shenzhen Viofo Technology Co.,Ltd Room201,...

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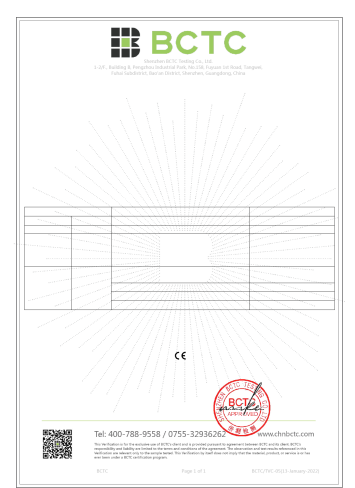


[pdf] Test Report

Jade Test Report 1 Shenzhen Viofo Technology Co Ltd A229PRO Car Dash Camera 2AMBW 2AMBWA229PRO a229pro

TEST REPORT Report No.: BCTC2308619941-1E Applicant: Shenzhen Viofo Technology Co.,Ltd Product ... tested Date: Report No.: Test Standards: Test Results: Car Dash Camera VIOFO A229 Pro, A229 Plus, A229 Plus 2CH, A229 Plus 3CH, A229 Pro 2CH, A229 Pro 3CH. Shenzhen Viofo Technology Co.,Ltd Room201,...

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