尺寸：128*70mm
骑马钉
材质：封面128克铜版纸过哑油
　　　内页80克书纸

VA-VD004_V1.4

RoHS

CE

MADE IN CHINA

VΛVΛ

DASH CAM USER MANUAL

Please read this manual before operating your device and keep it for future reference.
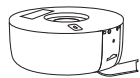
VAVA Dash Cam
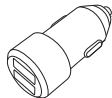
Mount

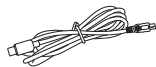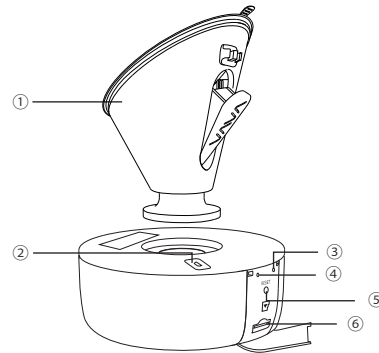Car Charger

Snapshot Button

Charging Cable

Crowbar

Cable Clips

User Manual

Product Diagram

1. Car Mount
2. Micro USB Port
3. Power / Working Status LED
4. WiFi Status LED
5. Reset Button
6. Micro SD Card Slot

Product Specifications

CPU	H22A55
Camera Sensor	Sony IMX317
Lens (FOV)	4G + 2P +1 IR Lens(135°)
Video Resolution	3840*2160/30fps
	2560*1440/30fps
	1920*1080/60fps
	1920*1080/30fps
G-sensor	3-axis Accelerometer
Video Clip / Photo Format	MP4 / JPG
Wireless Connections	Wi-Fi (between smart phone and Dash Cam)
	2.4G (between Snapshot Button and Dash Cam)
Power Input	5V / 1A
Built-in Battery Capacity	320mAh
Operating Temperature	-20°C to 50°C/-4°F to 122°F

Memory Card Installation

Note: 1. Don't install or remove the Micro SD card when the Dash Cam is powered on to avoid breakage of the card.
2. Please format the Micro SD card regularly for a better user experience. Remember to backup your files before formatting the memory card..

For reliable operation, please use a U3 microSD/TF card with a capacity of 16GB, 32GB, 64GB, 128GB or 256GB.
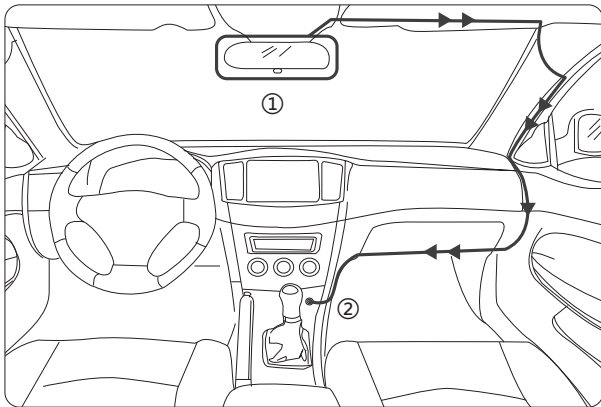Brands Recommended：Sandisk / Samsung

① Insert a card with the gold contacts facing down. Push the card until it clicks into place.
② To remove the card, gently push it until it clicks and pull it out of the slot.

Dash Cam Installation

① Ideal Mounting Position

② Car Charger

1. Insert the micro SD card into the micro SD card slot.
2. Stick the car mount onto your car windshield (ideally right in the middle).
3. Fix the VAVA Dash Cam onto the mount via the magnet.
4. Connect the USB cable to the micro USB port of the dash cam. Run the cable along the edge of the windshield, tuck it away in the seams, and extend it all the way to the USB port of the Car Charger. Be sure to keep it away from the airbag area.
5. Insert the Car Charger into your cigarette lighter, connect the Dash Cam to the Car Charger.
6. Start your car to turn on the VAVA Dash Cam. Connect it with your phone (refer to the "VAVA Dash App" section) and open the VAVA Dash App to view a real-time feed.

Note: · Do not remove or insert the micro SD card when the camera is working.
· Do not use the Car Charger to charge devices with Quick Charge technology.
· Install the car mount on windshields that are tilted on an angle between 17° - 58°.

Snapshot Button

### Dash Cam and Snapshot Button Pairing

Dash Cam and Snapshot Button Pairing: Once the Dash Cam is turned on, press and hold the Snapshot Button for 5 -30 seconds until you hear 4 beep sounds. This means that they are synced.

Installing the Snapshot Button

① Install the Snapshot Button onto the steering wheel with the 3M sticker.
② Attach it to your key chains if needed.

Using the Snapshot Button

① Taking photos: Press once to take photos
② Taking short videos: Press and hold for 3 seconds until you hear a beep to take videos.
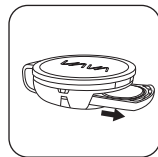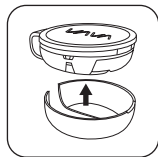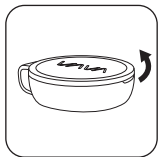
Replacing the battery:

Batterry Model: Lithium Battery CR 2032 3V
Replace the battery: Open the Snapshot Button and put the battery inside with the right polarities.

Note: The Snapshot Button enters standby mode once there is no operation for 1 minute. Press again to restart and take a photo.

VAVA Dash Cam App Download

Please search 'VAVA Dash' in App Store or Google Play to download the App.

Note: Systems supported: Android 4.4 and above / iOS 8.0 and above.

Connect Dash Cam with Smartphone

1. Turn on Wi-Fi on your phone
2. Find "VAVA_XXXXXXXXXXXX" in the Wi-Fi list and connect to it, enter the password (initial password: 12345678).
3. Open VAVA Dash App and follow the instructions to complete the connection.

Using Your VAVA Dash Cam

LED Indicator Information

LED Indicator	Dash Cam Status
Blue LED light slowly blinks	Working
Blue LED light solid on	Stopped working
Red LED light blinks	Recording an emergency video clip / a manual video clip taken via the app or Snapshot Button / micro SD card not inserted
Red LED light solid on	Micro SD card error / micro SD card storage full
Red LED light flashes once	Taking a photo by app or Snapshot Button
White LED light on	Mobile phone connected to Wi-Fi
White LED light off	Mobile phone disconnected from Wi-Fi
Blue LED light and red LED light solid on	The Dash Cam has crashed

Red LED light solid on: Please install the Micro SD card properly to ensure its functionality and format it via the App.
Blue LED light and red LED light solid on: Please reset the Dash Cam.

Videos and Photos / Media Gallery

Videos
Automatic Recording: Video recording is automatically activated once the car is started.
Manual Recording: A default 20-second video footage will be recorded through the app or the Snapshot Button.
Emergency Recording: A video footage is generated once a collision or bump is detected through the G-sensor during driving or in parking monitor mode.

Photos
The photos can be taken via the Snapshot Button or you can tap the snapshot icon in the app to take a photo.

Media Gallery
1. View the videos and photos in the Media Gallery of the App.
2. You can take out the memory card and view the videos and photos on a computer.

Downloading Videos & Photos
When the Dash Cam is succesfully connected to your mobile phone, go to the app and select Media Gallery. From here, you can download the photos and videos onto your mobile storage.

Features

Parking Mode
When your car is not running, i.e. the engine is turned off, the Dash Cam will automatically power off in 10 seconds and enter Parking Mode. When a shock or crash is detected, the G-Sensor will activate the Dash Cam and start recording a 30-second video. The Dash Cam will then re-enter the Parking Mode.

Emergency Recordings
A 20-second video will be captured when the G-Sensor is activated in case of sharp turns or a sudden stop. When the capacity of these videos reaches 30% of the Micro SD card space, the oldest ones will be overwritten by the new ones.

Firmware / APP Update

APP Update
Once there is a new App version released, your mobile system and the App will send an update notification. Follow the prompts to update it.

Firmware Update
Firmware update can be achieved through OTA or memory card.
OTA Upgrading:
Once there is a new firmware version published, the App will notify you that it is time to upgrade. Or you can open APP - my VAVA - Update, click to detect the latest version, then follow the prompt to upgrade. Please backup your files in time and format the memory card before and after upgrading.
Memory Card Upgrading:
Copy the firmware upgrading file into the memory card, insert the card into Dash Cam, and power on the Dash Cam. It will upgrade automatically when the Dash Cam starts again. Please contact us at support@vava.com for the firmware upgrading file and more detailed instruction .

Notes: Don't power off the Dash Cam during the upgrade. The Dash Cam will restart automatically after the firmware is successfully updated. Please contact us immediately if the update fails.

FAQ

1. How to deal with a solid red LED indicator?
 There are two reasons leading to this issues: memory card storage full or a memory card error.
 Please install the card properly and format it via the app.

2. App cannot connect with the Dash Cam?
 Make sure the Dash Cam is started and working well.
 Make sure the phone is connected with the Dash Cam Wi-Fi successfully.
 Dash Cam may crash if you connect and disconnect it too frequently. Reset it and try again.
 For some Android phones, you may need to turn OFF the Mobile data to allow the App to connect the Dash Cam.
 More connection issues, you may find answers in App FAQ or contact us at : support@vava.com .

3. With Android phone, the phone cannot access to the Internet once the App is connected.
 Due to the features of android system, the mobile data is disabled once it is connected to the Wi-Fi of Dash Cam. If you want to use mobile data, please disconnect the Wi-Fi first. The Dash Cam will still work properly when disconnected from the phone.

4. The Dash Cam crashed or malfunction occurs?
 Please reset the Dash Cam or contact us immediately.

5. Fail to view and playback videos and photos on your phone ?
 Check on your smartphone if Wi-Fi is successfully connected to the Dash Cam.

6. Cannot record ?
 Check if the memory card is inserted properly and there is enough free capacity.

7. Forget about the password or get a wrong password notification ?
 Press and hold the Reset Button for approx. 3s and the device will restore the WiFi password to factory settings (12345678).

Note: Please send us your feedback through the App or contact us at support@vava.com if you have further questions, our technical team will assist you to solve them.

Customer Service

18-month Warranty
Life-time Support
E-mail: support@vava.com
Tel: 1-888-456-8468 (Monday-Friday: 9:00 – 17:00 PST)
Social Media: @LetsVAVA Facebook / Twitter / Instagram

Notices

FCC Compliance

This device complies with Part 15 of the FCC Rules: Operation is subject to the following two conditions:

1. This device may not cause harmful interference and

2. This device must accept any interference that is received, including any interference that may cause undesired operation.

This device is acting as slave and operating in the 2.4 GHz (2412 ~2462 MHz) band. Ad Hoc function is supported but not able to operate on non-US frequencies.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

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