VANTRUE®
See the truth

VANTRUE®
Dash Cam
User Manual

OnDash R2

MADE IN CHINA

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说明书印刷要求：
1.规格：单页尺寸：90*130(mm)
整页尺寸：180*130 (mm)
2.骑马钉式印刷

Thank you for purchasing Vantrue OnDash R2 Dash Cam!
This instruction manual contains information on how to operate your Vantrue R1 properly. Before using the product, please read through this manual carefully. Please also keep the manual properly for future reference.

Cautions for Safety

To maintain user safety and avoid damage toproperty, please read through this manual so as to use the product in thecorrect way. Please follow the directions below:
- Do not disassemble, repair, or modify the product yourself.
- If any foreign matter gets inside the product, detach the power cordstraightaway. Contact the seller's customer support for repair or replacement.
- Do not operate the product while driving.Stop or park your car in a safe place to operate it.
- Do not install the product where it can interfere with the driver's vision.
- Do not use a damaged or modified power cord. Use the cords providedby the manufacturer.
- Do not use a damaged or modified car charger. Use the car charger provided by the manufacturer.
- Do not operate the product with wet hands.
- Do not install it in an environment with high humidity, or combustiblegases or liquids.
- Do not expose it in the hot sun long time. The product has over heat protection, when it is too hot, it will stop working. Restart it when it cools down.
- Use a genuine microSD card of above class 6 and 8GB. It supports a microSD card of capacity up to 64GB. Format the card before using. Do not remove the microSD card while it is saving or reading data.
- Do not leave the product where infants, children, or pets can reach it.
- While cleaning the inside of the car, do not spray water or wax directlyonto the product.
- If smoke or an unusual smell is emitted from the power cord, detach itimmediately. Contact the seller's customer support for repair or replacement.
- Keep the terminal of the power cord clean.
- Use the correct input voltage.
- Connect the power cord firmly so that it cannot easily be disconnected.
- Do not cover the product with any material.

- Clean the lens regularly.

1. Getting started

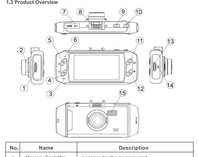
1.1 Product Features

- Super HD 2160x1080@15fps, full HD 1920x1080 HDR@30fps ultra-high quality and smooth video.
- Super WDR (Wide Dynamic Range) for clearer vision during both day and night-time driving.
- 2.7 inch TFT LCD display.
- High-class metal housing design with functionality.
- Support up to 64GB microSD card which allows clearer footage and recording for longer time.
- 170°wide viewing angle lens with video distortion prevention.
- High optical performance of full 6 glass lens with wide aperture of F/2.0.
- 4M pixels of capture resolution.
- Built-in G-sensor with sensibility adjustable.
- Seamless loop (cycle) recording enables it to overwrite the oldest footage with the newest upon filling a card to capacity. Video clips 1min, 3mins or 5mins optional.
- Auto power on and record while car engine started.
- Parking Monitor, Auto start/stop the recording when it sensesmovementin movement in front up to 3ft away while the car is parking.
- Emergency mode, Manually lock up the video files when emergency.
- Built in microphone/speaker for audio recording.
- HDMI output, Simply plug into any HDMI ready TV via a HDMI cable and view your footage or pictures on the big screen.
- GPS opti onal.

1.2 In the Package

- Vantrue OnDash R2 Dash Cam
- Car Charger with 1 Port and mini USB Power Cable
- Mini USB Data Cable
- Suction Cup Mount
- User Manual

1.3 Product Overview



No.	Name	Description
1	Memory Card Slot	Location for the memory card
2	Camera Lens	Front facing camera for video recording
3	Microphone	Records audio along with video
4	Down Button	Downward selection; Microphone ON/OFF switch while recording;Parking Monitor ON/OFF
5	Up Button	Upward selection; LCD screen light ON/OFF switch while recording;
6	LED Indicator	Charging/Recording LED light indicator
7	AV and mini USB Port	AV port connects to TV or rear camera. USB port for charging
8	Mount Connector	Connects to the windshield mount.
9	Snapshot Button	Captures photo while recording
10	Power/LED Button	Power ON/OFF; IR LED light ON/OFF switch
11	Confirm Button	Confirms the setup; Stops the video recording

12	MENU/Emergency Button	Enter setup menu; Manually locks the current recording video during an emergency or encountering beautiful shot.
13	HDMI Port	Connects to HDMI cable
14	Reset Button	Press to force the device to restart
15	IR-LED Light	Infrared LED light enhances night vision

1.4 Button Function Configuration

Button	Name	Function Description
	Power/LED Button	1. Press and hold for 3 seconds to turn the device on/off. 2. Press to turn on/off the infrared LED light when the camera is on.
	Snapshot Button	1. Press to snapshot while recording; 2. Delete the files in playback mode.
	Confirm Button	Confirm settings; Stop/Continue video recording.
	MENU/Emergency Button	1. Enter or exit the Menu setup; 2. Press to lock the files manually; 3. Press to lock the current recording video clip when emergency or encountering beautiful shot while recording.
	UP/WARD/LCD Switch Button	1. Menu mode = Previous menu item; 2. Play list = Previous video clip; 3. Playback mode = Rewind footage; 4. Recording mode = Turn off the LCD screen light.
	DOWNWARD/ Mic Button/ Parking Mode Switch Button	1. Menu mode = Next menu clip; 2. Play list = Next video clip; 3. Playback mode = Fast forward footage; 4. Recording mode = Mute the microphone (press); 5. Press and hold for 3 seconds to enter the Parking mode.
Reset	Reset	Reset the device to the factory default setting.

1.5 Screen Configuration

1	Video resolution	8	Loop recording is on
2	In video recording status	9	Microphone (audio recording is activated)
3	Current video clip's recording time	10	microSD card inserted
4	Infrared LED light is on	11	Speed-log and GPS position
5	Power status	12	Car license number and product logo
6	Motion detect is on	13	Date and Time
7	GPS status		

1.6 LCD Indicator

Red light	Camera is charging.
Blue light (blinks)	Camera is recording.

1.7 Insert & Remove the microSD Card

Insert the microSD card into the memory card slot and push until it locks into place. To remove the microSD card, press the end of microSD card until it clicks out from the slot, and then pullout the card.

Note:
- Please use a genuine microSD card of above class 6 and 8GB. It supports a microSD card of capacity up to 64GB.
- Format the card before using. Insert or remove the microSD card only when the camera is off. Do not remove the microSD card while it is saving or reading data.
- To prevent loss of important data, frequently copy recorded videos from MicroSD card to another storagedevice such as PC for back up.

1.8 Vehicle Installation

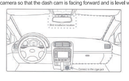
1.8.1 Installing the Device

Connect the camera to the mount firdly. Then attach the suction cup mount to the windshield, adjust the knob on the right to adjust the tilting angle. It is recommended to install the dash cam at the back of the rear view mirror to get a clear view. Clean anythingon meter and moisture from the place where the dash cam will beinstalled..

Note:
- Place the camera lens within the wiper cleaning area, this will allow for a better view during bad weather.
- Do not install the product where it can interfere with the driver's vision.
- Windshield mounts is illegal in some states of US, in these areas you will need an extra adhesive disc for dashboard mount.

1.8.2 Connecting to power

❶ Connect the power cable to mini USB port of the device or of the mount.
❷ Plug the car charger adapter end of the power cable into a 12V DC vehicle power socket.
❸ Arrange and hide the power cable by placing (tucking)it in the space between the vehicle ceilingand headliner at the top of the windshield, as it shows below.
❹ Adjust the camera so that the dash cam is facing forward and is level with the road.



1.9 Display Symbols

microSD card of capacity up to 64GB.
- Format the card before using. Insert or remove the microSD card only when the camera is off. Do not remove the microSD card while it is saving or reading data.
- microSD cards are consumables. Replace them after prolongedt use.
- To prevent loss of important data, frequently copy recorded videos from MicroSD card to another storagedevice such as PC for back up.

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❹ Adjust the camera so that the dash cam is facing forward and is level with the road.

2. Basic Operations

2.1 Turning on/off the Device

Once connected to the vehicle or other power supply, the camera will automatically turn on with vehicle ignition or power supply's switch on, and turn off in 30 seconds (default value, and can also be adjusted to 1mins, 3mins) after vehicle ignition or power supply's switch off.
To manually turn the device on/off, press and hold the Power button for 3 seconds.

2.2 How the Video is stored

The camera has two folders to store the recording videos: Event and Normal.
Video with impact detected will be automatically saved as Event file (a 30 seconds of video will be saved = 10 seconds before the impact detected, plus 20 seconds after the impact detected), the sensibility of the detection depends on the G-Sensor setting of the camera, If you press the emergency button to manually lock a 30 seconds of video (10 seconds before you press the button and 20 seconds after), the video clip will also be saved in the Event folder,
NORMAL video will start recording as soon as the camera is powered on.
After each segment of video is recorded the camera saves the file to the SD card and instantly starts recording a new file. These files can be linked togetherseemlessly in any normal video editing software.

2.3 Video/Image/Playback

2.3.1 View on PC

The Vantrue R2 makes standard .MOV video files that can be viewed on most modern PCs.Simply insert the SD card in to your computer, locate the file you wish to play and double click to open it. With a media player that supports .MOV, you will be able to see the video and audio files.
Video with GPS data should be played on particular player provided by manufacturer to see the GPS position, map details, and speed information.

2.3.2 View on HDTV

Power the unit on, and set to video playback mode. Connect it with TV through an HDMI cable, switch TV to HDMI mode and press Play button to get videos played on TV.

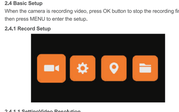
2.3.3 View on the Dash Cam

You can also view the videos on the dash cam. Open the Menu, and go to the "Files", you will be able to see and playback the video and image files.

2.4 Basic Setup

When the camera is recording video, press OK button to stop the recording first, then press MENU to enter the setup.

2.4.1 Record Setup



2.4.1.1 Setting/Video Resolution

The default setting is 2304x1296P@30fps (fps: Frames Per Seconds). There are five other resolution options (2560x1080P/30fps,
1920x1080P/30fps, 1920x1080P/30fps(HDR), 1280x720P/60fps,
1280x720P/30fps), you could change the setting per your need.

2.4.1.2 Setting Video Quality

The default setting is S.Fine (Super Fine). There are two other options: Fine, Standard, with different data bit rateset different resolution respectively (check the table below). The higher is the data rate, the higher is the video quality, and the larger is the size of the video file.

Resolution	S.Fine	Fine	Standard
2560x1080@30fps	18mbps	15mbps	12mbps
2304x1296@30fps	18mbps	15mbps	12mbps
1920x1080@30fps(HDR)	15mbps	10mbps	8mbps
1920x1080@30fps	15mbps	10mbps	8mbps
1280x720P/60fps	12mbps	9mbps	6mbps
1280x720P/30fps	8mbps	6mbps	4mbps

2. Basic Operations

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To manually turn the device on/off, press and hold the Power button for 3 seconds.

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The camera has two folders to store the recording videos: Event and Normal.
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NORMAL video will start recording as soon as the camera is powered on.
After each segment of video is recorded the camera saves the file to the SD card and instantly starts recording a new file. These files can be linked togetherseemlessly in any normal video editing software.

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Video with GPS data should be played on particular player provided by manufacturer to see the GPS position, map details, and speed information.

2.3.2 View on HDTV

Power the unit on, and set to video playback mode. Connect it with TV through an HDMI cable, switch TV to HDMI mode and press Play button to get videos played on TV.

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You can also view the videos on the dash cam. Open the Menu, and go to the "Files", you will be able to see and playback the video and image files.

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When the camera is recording video, press OK button to stop the recording first, then press MENU to enter the setup.

2.4.1 Record Setup

2.4.1.1 Setting/Video Resolution

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Resolution	S.Fine	Fine	Standard
2560x1080@30fps	18mbps	15mbps	12mbps
2304x1296@30fps	18mbps	15mbps	12mbps
1920x1080@30fps(HDR)	15mbps	10mbps	8mbps
1920x1080@30fps	15mbps	10mbps	8mbps
1280x720P/60fps	12mbps	9mbps	6mbps
1280x720P/30fps	8mbps	6mbps	4mbps

2.4.1.3 Setting Loop Recording

The default setting is 3mins, which means every video clip is 5 minutes. You could also change it to 1 mins or15 mins, or turn it off.

2.4.1.4 Parking Monitor

The default setting is OFF. The Parking Monitor is triggered by the motion detector, which is used to detect the movement in front of the camera. With this function turned on, you could **press and hold the Parking Mode Switch button** P **for 3 seconds to enter the parking mode** when you parked your car, then the camera will auto record when it detects any movement in front, the camera will stop recording while keep itself on.
Note: the parking monitor only works when the camera is powered on, Considering that the built-in battery is too small (only 500mAh) to support long time work, you'd better use an external power supply to power it while the car is parked,

2.4.1.5 G-Sensor Set

The default setting is Medium, means the sensibility level is Medium. You can also adjust it to High or Low, or turn it off. With this function, if any shaking or collision occurs while recording, the camera will automatically lock up the video in recording. A Lock sign will appear on the right top corner of the screen, The locked videos will be protected from covered by new recording videos.

2.4.1.6 WDR

The default setting is ON, Wide dynamic range (WDR)provides clear images and greater scene details from shadows to highlights than normal, even under backlighting, where the intensity of illumination varies a lot.

2.4.1.7 Microphone

The default setting is ON. The microphone allows the camera to record audio along with the video. You can turn it OFF by pressing the hot key while it is recording if you don't want it to record the audio.

2.4.1.8 Stamp

The default setting is NO Stamp, But if you want to stamp the date/time, car license number, brand logo (VANTRUE) on the video, please turn it on, and go to set the date/time, car number in the system setup. With GPS function on, you can also stamp the speed log and GPS position on the video.

2.4.1.9 Setting the Contrast, Sharpness, White Balance and EV

1) Contrast. The default setting is Standard.
2) Sharpness. The default setting is Standard.
3) White Balance. The default setting is AUTO.
4) EV (Exposure Value). The default setting is 0, you can adjust value from -2 to 2.

2.4.1.10 Power Off Delay Setting

The default setting is 30 secs, this means that while the camera is connecting to the car charger, when you shut off the car, it will continue to record 30 seconds and turn off. This time can also be adjusted to 10secs, or 20 secs. And if you want the camera turns off once your car shuts off, you can turn it OFF.

2.4.2 System Setup

2.4.2.1 Language

The default setting is English. Two languages available: English, Chinese.

2.4.2.2 Time, Car Number Setting

Set the time and car number. If you want to stamp on the video, go to the Stamp setting in the Record Setup and turn them on.

2.4.2.3 AUTO LCD OFF Setting

The default setting is 3 MIN. With this function, the camera's LCD will light off after 3 minutes when recording. You can also shorten this time to 30 seconds or 60 seconds, or turn it OFF.
When the camera is recording, you can also press the hot key ▶|| to turn off the LCD screen, and any other button to turn it on.

2.4.2.4 Non-useAuto Power OFF Setting

The default setting is 3 MIN. With this function, the camera will auto power off in 3 minutes when it is not working.You can also adjust this time to 5 minutes, or turn this function OFF so the camera will not power off automatically even when it is not in use.

2.4.2.5 Setting the Key Sound Volume

The default value is 60%, You could turn up or down the key sound (Beep Sound) level.

2.4.2.6 Flicker Frequency

The default setting is 50Hz, means that the frequency of an image flashing on and off on the screen is 50 times per second. The standard screen flicker frequency in Japan and Taiwai, China is 60Hz, and in most other area of the world is 50Hz.
When setup wrongly, you might see stripe interference on the video image when playback on the PC screen or HDTV.

2.4.2.7 TV Standard

The default setting is NTSC. But if you use it in Europe, you might have to change it to PAL, or you will see a black & white video when playback on TV.

2.4.2.8 Formats the microSDCard

Formatting will completely erase all video files stored in the memory card.

2.4.2.9 Default Setting

Set timeset to factory defaults.

2.4.2.10 Firmware Version

Check the firmware version.

2.4.3 GPS Setup (Optional)

Note: The VantrueOnDash R2 dash cam doesn't come with a GPS receiver module, if you want to use GPS function, you will need to buy aVantrue GPS receiver for dash cam.

2.4.3.1 Turn ON/OFF GPS

The default setting is OFF. When connecting with the GPS receiver, you should turn on the camera's GPS function then it will work.

2.4.3.2 GPS Time Calibration

The default value is 0. Please adjust the value to your location's time zone, and the camera will auto calibrate the system time.

2.4.3.3 GMT Setting

The default setting is 0. Please adjust the value to your location's time zone, and the camera will auto calibrate the system time.

2.4.4 Playback, Delete Files on the Dash Cam

All files will becollected into three folders: Event video folder, Normal video folder, and Image folder. (Check the explanation above on 2.2)

2.4.4.1 Video/Image Playback

Choose a video/image and press OK button to playback and view on the dash cam. When the video is playing, you could press OK button to pause it, DOWNWARD button to fast forward it, and UPWARD button to rewind it.

2.4.4.2 Delete the File

Choose a video/image and press the 🗑 (Snapshot Button) to delete it.

2.5 Snapshot

When the camera is not recording video, press the snapshot button to snapshot, The snapshot pictures will be saved in the Normal folder.
When the resolution is set to 1920x1080P@30fps, you can press the snapshot button to snapshot while the camera is recording video.

2.6 Emergency Button

When the camera is recording video, press the hot key ⚠ (also the MENU key) to manually lock a clip of 30 seconds video (10 seconds before you press the button and 20 seconds after) in recording when emergency or encountering beautiful shot, The emergency videos will be saved in the Event folder.

2.7 Parking Monitor

The Parking Monitor is triggered by the motion detector, which is used to detect the movement in front of the camera. To use this function when the car is parked, follow the steps below:
1) Enter the Record Setup (while the camera is recording, please press OK button to stop the recording first, then press MENU button to enter the first setup), turn to the Parking Monitor, turn it ON.
2) When you parked your car, **press and hold the Parking Mode Switch button** P **for 3 seconds,** you will see the Parking mode icon P shown on the right side of the screen – that means the camera has switched into the Parking mode, In this mode, the camera will not record when it detects no movement in front and record once it detects movement again.
Note: The parking monitor only works when the camera is powered on, Considering that the built-in battery is too small (only 500mAh) to support long time work, you'd better use an external power supply to power it while the car is parked with the engine shuts off.

3. Specifications

The specifications of this product may change without prior notice for product improvements.

Display	2.7 inch TFT LCD monitor (16:9)
Lens	170 degree wide viewing angle and 6(**6**) layer glass lens with wide aperture of F/2.0.
Languages	English/繁體中文
Video Format	MOV
Video Resolution	2560x1080P/30fps, 1920x1080P/30fps, 1920x1080P/30fps(HDR), 1280x720P/60fps, 1280x720P/30fps
Image Resolution	16M Pixels
Image Format	JPEG
Motion Detection	ON/OFF
Parking Monitor	ON/OFF
Audio Recording	ON/OFF
Memory Card	microSDCard of above Class 6 up to 64GB
MIC/Speaker	Built In
Backlight Off	ON/OFF
Auto Power Off	OFF/1 Minute/5 Minutes/10 Minutes
USB Port	USB2.0, mini
Battery Capacity	500mAh
PC Operation System	Windows XP/Vista/Windows 7/Windows 8/Mac

Recording Time

Memory Capacity	8GB	16GB	32GB	64GB
2560x1080P(30fps)	52min	1hr44min	3hr18min	6hr36min
2304x1296(30fps)	52min	1hr44min	3hr18min	6hr36min
1920x1080(30fps)	1hr9min	2hr16min	4hr32min	9hr4min
1280x720(30fps)	1hr20min	2hr40min	5hr20min	10hr40min

Note: The recording time above is for recording based on S.Fine image quality. There may be some variation with actual recording time. Different image quality will also result in different recording time.

Q & A

1, There are two USB ports, one on the camera and the other on the suction cup mount, which one should I use to connect to the car charger?
With themount connected to the camera successfully, both ports will function.

2, Does the camera auto turn on/off with the car engine?
It will auto turn on once it gets powered, but as the default setting, it will turn off in 30 seconds after the car engine shuts off.

3, The camera won't respond at whichever key I press except for the Power button, why?
Check if the camera is in video recording, If yes, press OK button to stop it first.

4, Can I turn off the screen manually?
Yes, press the hot key ▶|| . The default setting for the screen off is 3 mins, if you want to make time shorter, follow this path of setting: Menu→ System Setup→ Auto LCD OFF, you could shorten the time to 30 secs or 60 secs.

5, How to switch the camera to parking mode?
1) Turn on the parking monitor (Menu→ Record Setup→ Parking Monitor).
2) When you parked your car, **press and hold the hot key** P **for 3 seconds,** you will see the Parking mode icon P shown on the right side of the screen – that means the camera has switched into the Parking mode.

6, When using the parking mode, shouldn't connect the camera to another power supply?
Yes. The camera's battery is too small to support long time job, you'd better power it by another charger so the camera could keep on, If you have an external battery for cellphone, that's good.

7, How can I set the HDR?
The HDR is only active with the resolution 1920x1080P. You can set the resolution to 1920x1080P/30fps(HDR), then the HDR will functions.

8, Can I lock the video manually?
Yes. When the camera is recording, you could press the emergency button to lock

a clip of 30 seconds video.

9, The emergency files in my Event folder is only 30 seconds videos, can I adjust the time?
No, The emergency files are all 30 seconds as a default setting, 10 seconds before the impact detected, plus 20 seconds after the impact detected,

10, How does the GPS works?
You will need to buy a GPS receiver for the camera, When connected, the GPS function will work, The GPS receiver doesn't come with the camera.

Warranty & Support

Warranty & Support

Warranty
The VantrueOnDash R2 Dash Cam comes with 18 months warranty.

Happy?
If you are happy with your product, we encourage you to spread your words to the world through social media, blog, community online, and Amazon product review.

Support
If you have any question on your product, please do not hesitate to contact us via Amazon or drop us an email at support@vantrue.net, Any contact will be answered within 24 hours.

Any thoughts ?
Got any thoughts on the product? We are always working at our best to improve our products& service quality and user experience. If you have any thoughts on improving the product, please feel free to let us know (via Amazon messaging or support@vantrue.net). We are anticipating to hearing and got inspired from you.

Thank you for choosing Vantrue!

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Vielen Dank für den Kauf dieser Vantrue OnDash R2 Autokamera. Diese Bedienungsanleitung enthält Informationen, wie Sie Ihre Vantrue OnDash R2 richtig in Betrieb setzen. Bitte lesen Sie diese Bedienungsanleitung sorgfältig durch und befolgen Sie die aufgeführten Hinweise und Tipps. Bewahren Sie diese Anleitung stets gut auf, damit Sie jederzeit darauf zugreifen können.

Sicherheit

Um die Benutzersicherheit zu schützen und die Sachschäden zu vermeiden, bitte lesen Sie dieses Bedienungsanleitung durch, sodass Sie das Produkt in der richtigen Art und Weise nutzen können. Bitte folgen Sie den folgenden Anweisungen:
- Öffnen Sie das Produkt niemals eigenmächtig, führen Sie Reparaturen nie selbst aus.
- Wenn irgendeine Fremdstoffe in das Innere des Produkts käme, ziehen Sie das Netzkabel sofort aus. Wenden Sie bitte an den Verkäufern oder den Kundendienst für Reparatur oder Ersatz.
- Benutzen Sie das Produkt nicht während der Fahrt. Stoppen oder parken Sie Ihr Auto an einem sicheren Ort, um es zu benutzen.
- Stellen Sie das Produkt nicht in einem Ort, wo es die Sicht des Fahrers beeinträchtigen können.
- Verwenden Sie kein beschädigtes oder modifiziertes Netzkabel . Verwenden Sie das Kabel vom Hersteller.
- Verwenden Sie kein beschädigtes oder modifiziertes Kfz-Ladegerät. Verwenden Sie das Kfz-Ladegerät vom Hersteller.
- Benutzen Sie das Produkt nicht mit nassen Händen.
- Halten Sie das Produkt fern von Feuchtigkeit und extremer Hitze.
- Setzen Sie es nicht lange unter der heißen Sonne. Das Produkt hat Überwärmeschutz , wenn es zu heiß ist, wird es aufhören zu arbeiten. Starten Sie es erneut, wenn es abkühlt.
- Verwenden Sie eine authentische Micro-SD Karte von oben Klasse 6 und 8 GB. Es unterstützt eine Micro-SD Karte von Kapazität bis zu 32 GB. Formatieren Sie die Karte vor dem Gebrauch. Entfernen Sie die Micro-SD Karte während des Speichern oder Lesen von Daten nicht.
- Lassen Sie das Produkt nicht in einem Ort, wo Säuglinge, Kinder oder Haustiere es erreichen können.

- Während Sie das Innere des Autos reinigen, sprühen Sie kein Wasser oder Wachs direkt auf das Produkt.
- Wenn Rauch oder ein ungewöhnlicher Geruch aus dem Netzkabel emittiert wird, machen Sie es sofort aus. Wenden Sie bitte an den Verkäufern oder dem Kundendienst für Reparatur oder Ersatz.
- Bewahren Sie den Anschluss des Netzkabels sauber.
- Achten Sie auf die richtige Eingangsspannung.
- Schließen Sie das Netzkabel fest, so dass es nicht leicht getrennt werden kann.
- Decken Sie das Produkt nicht mit irgendeinem Material ab.
- Reinigen Sie das Objektiv regelmäßig.

1.Loslegen

1.1 Produkteigenschaften

- Super HD 2560x1080@30fps, Voll HD 1920x1080 HDR @ 30fps präsentiert extrem hohe Qualität und reibungslose Videos.
- Super WDR (Wide Dynamic Range) für klarere Sicht bei Tag und Nachtfahrten .
- 2.7-Zoll-TFT-LCD Anzeige.
- Hochwertige Metallgehäuse, Design mit Funktionalität.
- Unterstützung von bis zu 64 GB Micro-SD Karte ermöglich die klarere Filmmaterial und Aufnahme für längere Zeit.
- 170 ° weiter Betrachtungswinkel+Objektiv mit Bildverzerrungsprävention.
- Hohe optische Leistung der vollen 6 Glaslinse mit großer Blende von F / 2.0.
- 4M Pixel Aufnahmeauflösung.
- Eingebauter G-Sensor mit einstellbarer Sensibilität.
- Nahtlose Schleife (Zyklus) Aufnahme ermöglicht es, die ältesten Aufnahmen mit der neuesten zu überschreiben beim Befüllen einer Karte zur Kapazität . Videoclips ist optional mit 1 Minute, 3 Minuten oder 5 Minuten.
- Automatisches Einschalten und Rekord beim Antrieb des Automotors.
- Parken-Modus, Automatisch starten / stoppen den Aufnahmen, wenn es Bewegung / keine Bewegung vor bis zu 3ü Fuß weg sycnt, während das Auto parkt.
- Notfallmodus, Manuell werden die Video-Dateien beim Notfall gesperrt.
- Integriertes Mikrofon / Lautsprecher für die Audioaufzeichnung .
- HDMI-Ausgang, Einfach stecken Sie es an einem HDMI-fähiges Fernsehgerät über ein HDMI-Kabel und Ihre Aufnahmen oder Bilder auf dem großen Bildschirm anschauen.

1) Contrast. The default setting is Standard.
2) Sharpness. The default setting is Standard.
3) White Balance. The default setting is AUTO.
4) EV (Exposure Value). The default setting is 0, you can adjust value from -2 to 2.

2.4.1.10 Power Off Delay Setting

The default setting is 30 secs, this means that while the camera is connecting to the car charger, when you shut off the car, it will continue to record 30 seconds and turn off. This time can also be adjusted to 10secs, or 20 secs. And if you want the camera turns off once your car shuts off, you can turn it OFF.

2.4.2 System Setup

2.4.2.1 Language

The default setting is English. Two languages available: English, Chinese.

2.4.2.2 Time, Car Number Setting

Set the time and car number. If you want to stamp on the video, go to the Stamp setting in the Record Setup and turn them on.

2.4.2.3 AUTO LCD OFF Setting

The default setting is 3 MIN. With this function, the camera's LCD will light off after 3 minutes when recording. You can also shorten this time to 30 seconds or 60 seconds, or turn it OFF.
When the camera is recording, you can also press the hot key ▶|| to turn off the LCD screen, and any other button to turn it on.

2.4.2.4 Non-useAuto Power OFF Setting

2.4.3.1 Turn ON/OFF GPS

The default setting is OFF. When connecting with the GPS receiver, you should turn on the camera's GPS function then it will work.

2.4.3.2 GPS Time Calibration

The default value is 0. Please adjust the value to your location's time zone, and the camera will auto calibrate the system time according to the GMT setting.

2.4.3.3 GMT Setting

The default setting is 0. Please adjust the value to your location's time zone, and the camera will auto calibrate the system time.

2.4.4 Playback, Delete Files on the Dash Cam

All files will becollected into three folders: Event video folder, Normal video folder, and Image folder. (Check the explanation above on 2.2)

2.4.4.1 Video/Image Playback

Choose a video/image and press the 🗑 (Snapshot Button) to delete it.

2.5 Snapshot

When the camera is not recording video, press the snapshot button to snapshot, The snapshot pictures will be saved in the Normal folder.
When the resolution is set to 1920x1080P@30fps, you can press the snapshot button to snapshot while the camera is recording video.

5	Hoch-Taste Aufwärts Auswahl; LED-Licht Ein / Aus-Schalter während der Aufnahme
6	LED-Anzeige Lade- / Aufnahme- LED-Anzeige
7	AV und Mini-USB-Anschluss AV-Anschluss verbinden mit TV oder Kamera; USB-Anschluss dient oder Daten übertragen
8	Montageverbinder Zum Anschließen an den Saugnapfhalterung
9	Schnappschuss-Taste Erfasst Foto während der Aufnahme; Dateien löschen
10	Power/LED-Taste Power AN / AUS. IR-LED-Licht EIN / AUS-Schalter.
11	Bestätigen-Taste Bestätigt die Einrichtung; Stoppt die Videoaufzeichnung
12	MENÜ / Notknopf Einstellungsmenü eingeben / ausgehen; Manuell verriegelt es die Video(s) der aktuelle Aufnahme während Notfall oder Begegnung schönes Schuss
13	HDMI-Anschluss Eine Verbindung zum HDMI-Kabel
14	Reset-Taste Drücken Sie diese Taste, um das Gerät neu zu starten
15	IR-LED-Licht