2K Vehicle Blackbox DVR

USER MANUAL

Thank you very much for purchasing our car dash cam!

# Disclaimer:

1. Please read the set-up and usage instructions carefully before operation.

2. You should not set/install this dash cam at a place that would obstruct or reduce a driver's view. Make sure your usage comply with pertinent vehicle codes of your state, province, territory or country.

3. You should post the required notices of recordation to occupants inside the vehicle, if voices or other information/signal pertaining to in-vehicle activities will be recorded.

4. You should not change the dash cam's setting or mode of operation when the vehicle is in motion.

5. You should not leave the dash cam in a visible spot when no one is inside the vehicle, to avoid attracting break-ins to steal the unitor other property.

6. You should avoid extended exposure of the dash cam to direct sunlight or extreme temperatures (either high or low temperature) which tend to degrade or damage the unit and its

normal functionality.

7. You should examine, check and verify the dash cam at least every 6 months, including the memory card, to ensure the video reception and recording are working properly. For each use, you should verify that the dash cam unit, the visible lights and the audible sounds are working normally. If there are signs of non-operation or malfunction, you should immediately seek to replace the product and check to see if the product is covered under any applicable warranty.

8. The dash cam unit may have additional functionality, such as transmission and recordation of audible or GPS signal or other identification information. If you have privacy concerns about these functions, make sure you follow the instruction to disable these functions.

9. You should use the dash cam unit in the way it is intended. You should not use the dash cam unit in a way that would be illegal or that tends to physically damage the unit, or tend to cause danger to the safe operation of the vehicle or the occupants.

10. THIS DEVICE SHOULD NOT BE ADJUSTED BY THE DRIVER WHILE DRIVING. IN THE EVENT OF AN ACCIDENT,

DEVICE MAY DISLODGE AND BECOME UNSAFE FOR PASSENGERS.

## **Note :**

1. This user manual will detail how to use, operation, technical specifications and precautions. Before use, please read this manual thoroughly and fully understand, Please keep this manual, we hope our products can meet your needs and long-term service to you!

Using this product, enjoying the real high quality life.

2. This manual in the printing process, the machine because of the appearance, software or hardware repair process leads to the same part of the manual operation of non-conformance, the Company has maintained the final interpretation!

3. Do not put the machine into the damp working condition, this machine have no waterproof function, so please make the machine no pour water or exposed to rain water.

4. Do not try open the shell or try repair by yourself, if the accessories for this machine have any problem, please do to the professional maintenance station to repair.

5. Do not use the thrill chemical substance, clean solvent or cleaner to clean this machine, please use the moist soft cloth to clean.

6. Do not use this machine under the condition that the dust and high density, to avoid affecting the video.

7. Please protect the environment, don't discard this machine randomly; do not throw this machine into fire, otherwise will have an explosion.

8. Please pay attention to clean the lens surface, use the moist soft cloth clean the lens then use, to avoid the video is not so good.
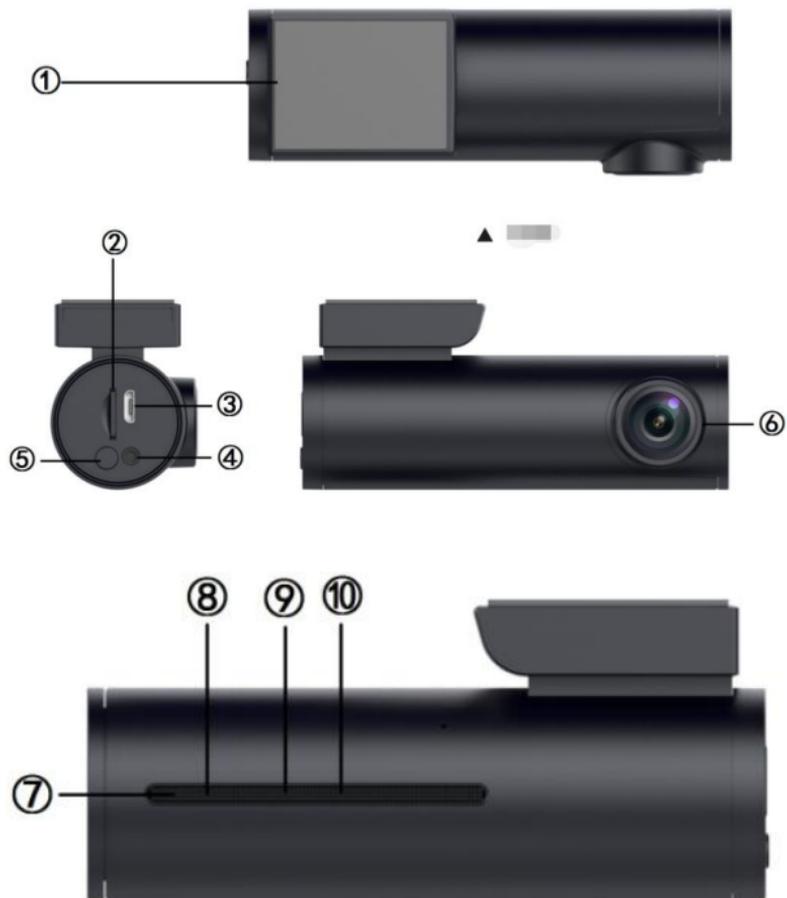
## Tips:

1. Outdoor use Please avoid high temperature and direct sun exposure.

2. Please use original accessories.

3. Please do not disassemble the product.

# Content Guide

# 1. Product Structure

① 3M adhesive holder ②TF card slot ③Micro USB port

④AV-IN ⑤WiFi switch + WiFi indicator light (Blue)

⑥Front camera ⑦Power\Video indicator light (Red)

⑧GPS status light (Green) ⑨MIC ⑩Reset

## Keys and Functions

| Key | Function | Instruction |
|------|----------|-------------|
| WiFi | Turn on/off WiFi | Press the WiFi button around 3 seconds to turn on/off WiFi<br>Long Press the WiFi button around 10s to formart the SD card! |
| | Change the WiFi 2.4G and 5G band | Double press the WiFi button quickly to change the WiFi Band |

## Indicator Light

⑤WiFi indicator light (Blue): The blue light will be on when WiFi

is on, the blue light will be off when WiFi is off.

⑦Power\Video indicator light (Red) : It will flash during

recording

⑧GPS status light (Green): The green light will be on if GPS is

working.

# 2.Product Installation Guide

1.Turn off the car engine

2.Insert the TF card into the card slot of dash cam

【Attention】Please use high-speed SD card (Class10 or above, capacity is not less than 8GB, max to 128GB, and to format the SD card with the machine or PC before using)

3.Fix the dash cam on the windscreen of your car

4. Insert the car charger into the car cigarette lighter, and please use the standard car charger.

【Attention】 Pave the cable alongside the edge of windshield.

5. Pay attention to the direction while installing the rear camera in the rear of the vehicle and. Wiring can be laid along the roof of the vehicle. After installation, connect the rear plug into the rear camera interface of the recorder AV-IN, and there is no need to connect the red reversing wire which is no screen cam. The cable lug should be by insulating tape Instead.

6. Adjust the lens position to ensure that the lens are level with the ground.

7. Start the engine and check whether the machine is installed correctly.

## 3.Product Precautions

1.Before installation, please check the accessories carefully to ensure that the products and accessories are correct and complete, and then start the installation.

2.During installation, be sure not to insert the car key into the power supply, and do not insert or pull out any machine accessories in the status of Power-on, including: rear camera, SIM card, SD card. These actions should be completed when power is turned off.

3.When the car key is plugged into the vehicle, the dash cam will automatically turn on. Please check whether the function of power on/off, the front and rear cameras and the rear view display are normal.

4.When the machine is in use, it is forbidden and dangerous to pull and insert the rear camera plug, GPS antenna and SD card, which will cause the recorded video files to be damaged and the machine to be abnormal or damaged.

5.If you need to download the recording videos and images, press SD card directly when the car is turned off. Then insert the SD card into the machine again when the vehicle is turned off.

6.You must use C10 high-speed card (recommended capacity

8G-32G), lower than C10 will cause problems like video stutter,

black screen, video can not be recorded or not be played or not

automatically be covered.

7. Achieving more functions require mobile phone terminal to
connect to dash cam with Dashcam Player APP. The specific
application method of the APP will be described in detail later.

## 4.  Product Specifications

| CPU | Hi3556V200 |
|---|---|
| Sensor | OS04B10, 4MP |
| Screen | No Screen |
| Video Resolution | 1-CH: 2K 2560*1440P/ 30fps<br>2-CH: 2K + 1080P |
| Viewing Angle | 140°+135° |
| Video Format | MP4/H.265 |
| Photo Resolution | 4M |

| | |
|---|---|
| Photo Format | JPG |
| GPS | Support, Built in GPS |
| WiFi | Support, Dual Band (2.4G and 5G) |
| App | DashCam Player |
| Loop recording | support |
| G-sensor | support |
| Car Plate | support |
| WDR | Support |
| Memory Card | Max to 128GB |
| Battery | Super Capacitor |
| Interface | TF card, Mini USB, AV-IN |
| Operation Temperature | -20ºC~60ºC |
| Storage Temperature | -30ºC~70ºC |

| Language | Multi-language |
|----------|----------------|
| Standard Accessories | Car charger, USB cable, 3M adhensive, Rear Cam |
| Unit Size/Weight | 98*30*44mm |

## 5.App Operation Instructions

**Android system mobile phone**

Open the "Google play store" search "Dashcam Player" to download and install.
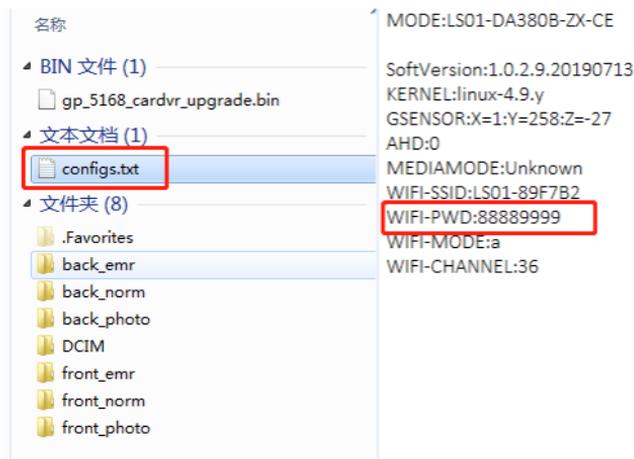
**IOS system Apple phone**

Open the "Apple store" search "Dashcam Player" to download and install.

**WiFi Connection**

Open your smartphone WiFi settings and select Dash Cam Network: LS01...............; Use password 88889999 to connect. Once connected, launch the APP to see live video, track your journey, change camera settings or download captured footage

and photos.

**P.S. If you forget the wifi password, Don't worry! Just take out the TF card from the camera, then connect the TF card with computer by card reader, enter into the file "configs", you will find the password easily!**



# 6. GPS Player Software Installation and Using Instructions

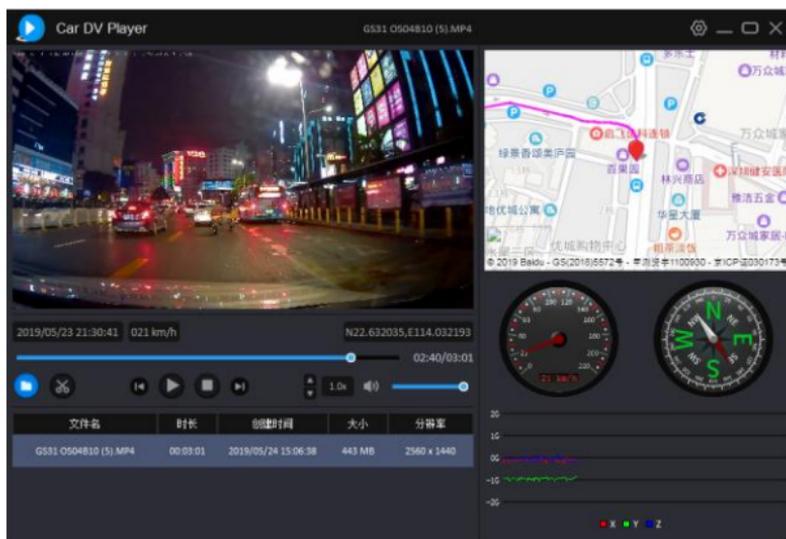If need check the GPS information , the professional player must be installed firstly

1.Please install the customized video player

2.Please copy the customized video player to computer and install.

## Using the player software:

1. Please open the customized video player and install it for the first time use.

2.Click File – Open to choose the file which need play, and open the play mode directly, as below

## 7.FAQ

Under normal operating conditions, if there is problems with the device, please refer to the following methods to solve.

Q: Cannot take picture and record

A: Please check whether there is enough space for of TF card, or if it is locked.

Q: Stopping automatically while recording

A: Due to the huge amount of HD video data, please use high-speed C10 TF card with SDHC compatible, there will be the mark of C10 on the TF card.

Q: There is "wrong file" shown on LCD when replay the photo/video

A: Because of TF card storage error, please format your TF card.

Q: Fuzzy image

A: Please check if the lens stay with dirt, fingerprints, please cleaned lens with paper before shooting.

Q: Dark image when shooting the scene of sky or water

A: There will have an impact on the exposure when the big difference between the scene. Please adjust the "EV" in the menu setting.

Q: The color is not good in the cloudy or indoor

A: Please check the "white balance" is Auto or not in the menu.

Q: Horizontal stripes interference in the image,

A: This is due to the wrong setting of light frequency error, please set the frequency 60HZ or 50HZ according to the local power supply.

Q: Freezing

A: Please reset to recover when device hangs off.

**FCC Statement**

1. 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.

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

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

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.

The device should be keep 20cm away from people.

FCC ID:2ASWV-LS01