

V.1.0



# **N6 Pro**

## **MIRROR DASH CAM**

# User Manual

The information in this manual is subject to change without notice.

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# Precautions

1. For further inquiries, please contact our customer service via email at [sales@asrtechtools.co.uk](mailto:sales@asrtechtools.co.uk)
2. Please use original accessories to avoid compatibility issues and insufficient current supply from non-compatible accessories. For example, 2-in-1 or 3-in-1 cigar sockets will not provide enough current to the device.
3. Please do not tamper or splice the rear camera wire for the purpose of extension, as the rear image/feed to the display may be lost. The length of the included cable for the rear camera is 20 feet, and is suitable for most types of cars.
4. If you wish to use a micro SD card with a capacity > 32GB, Please change the micro SD card [Class10 (10MB/s) required] format to FAT 32 on PC (a 32GB card is included in the package).

# Warnings

- Keep small accessories out of the reach of children. If this product is damaged or malfunctions, stop using it immediately and contact RUGHA support. Continued use may cause fire, electric shock or, vehicle failure.
- This product is intended to be used as reference material in the event of an accident. We do not guarantee its effectiveness or admission as complete evidence.
- Please note that this product may infringe on privacy and other rights depending on how it is used. We are not responsible for any cases where this product infringes on privacy or other rights.
- This product is for DC12V/24V vehicles only.
- Contains lithium battery. Do not disassemble, impact, compress, or throw into fire. If severe swelling occurs, discontinue use immediately. Do not expose to high temperature environments. Do not use if the battery has been submerged in water.

# Product Overview

- Thank you for choosing RUGHA 4K Mirror Dash Cam. This product provides a high-quality image and captures irrefutable evidence in the event of an accident, and records the beauty along the way for you.
- RUGHA is a professional automotive supplies manufacturing company.
- We have team of experienced and imaginative engineers who are committed to building a reliable and trustworthy automotive supplies brand.

# Warranty

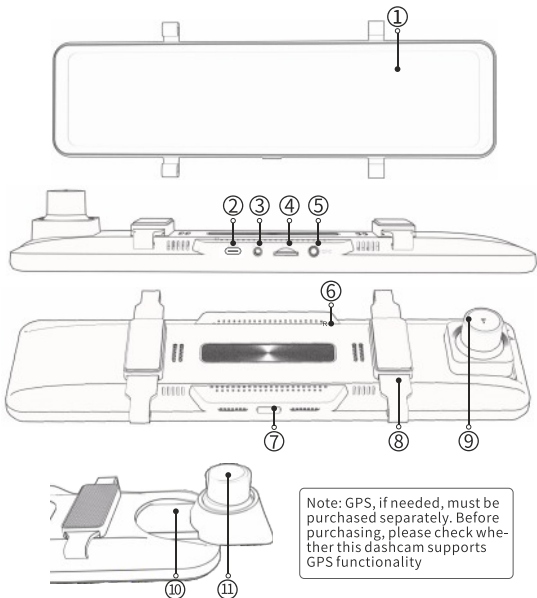
- We are committed to giving customers the best product experience and after-sale service.
- Our warranty period is one year. If the machine parts are damaged or there are any problems during use, we will solve them in time and provide you with a satisfactory shopping experience.  
Note: The specific warranty period is subject to local laws.
- Please contact us with your online order, and we will provide free replacement and technical support.

**[sales@asrtechtools.co.uk](mailto:sales@asrtechtools.co.uk)**

# Product Specification

|                                                       |                            |
|-------------------------------------------------------|----------------------------|
| Product                                               | Streaming Mirror           |
| Size                                                  | 11.26-inch IPS 2.5D        |
| Video Specs                                           | 4K+1080p                   |
| Aperture                                              | F1.8                       |
| Power Supply                                          | Car Chager/Step-Down Cable |
| Input Power                                           | Output 5=2.5A              |
| Touch Control                                         | Full-Screen Touch          |
| Time Lapse Monitoring                                 | Support                    |
| G-Sensor                                              | Support                    |
| Simultaneous recording with the front and rear camera | Support                    |
| On device Video Playback                              | Support                    |
| WIFI Connectivity                                     | Support                    |
| Reverse Imaging                                       | Support                    |
| Low-Light Night Vision                                | Support                    |
| Ts Real-Time Storage                                  | Support                    |
| GPS                                                   | Support                    |
| Low Voltage Protection                                | Support                    |
| AV-IN                                                 | Support                    |
| Language                                              | Multiple Languages         |
| Video Encoding                                        | H.265                      |
| Photo & Video Format                                  | Photo(.JPG), Video(.ts)    |
| Memory Card                                           | 16-128GB Memory Cards      |
| ADAS                                                  | Support                    |
| BSD                                                   | Support                    |
| Parking Monitor                                       | Support                    |

## Product Appearance Description



Note: GPS, if needed, must be purchased separately. Before purchasing, please check whether this dashcam supports GPS functionality

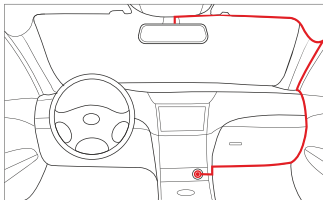
- ① Display Screen    ② Power Interface    ③ Rear Camera Interface    ④ Memory Card Slot
- ⑤ GPS Interface    ⑥ Reset Button    ⑦ Power Button    ⑧ Hook
- ⑨ Lens    ⑩ Telescopic Slide Board    ⑪ 360-Degree Adjustment

# Installation Guide

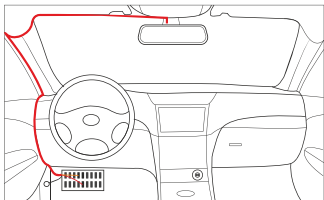
1. Memory Card Installation Insert the memory card into the slot with the side with writing facing towards the display screen (as shown in the diagram below).



## 2. Dash Cam Wiring



(Cigarette Lighter Installation Method)



(Buck Line Installation Method)

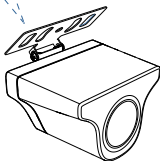
- ◆ Connect the power supply to the cigarette lighter and turn on the power.
- ◆ The device should start normally. Conceal the power cable under the car's headliner and run it along the A-pillar (as illustrated).
- ◆ Depending on the vehicle, the cigarette lighter socket may be located in different places. The provided installation diagrams are for reference only.

- ◆ Plug the power cable into the dash cam.
- ◆ Route the cable around the driver's side, concealing it under the headliner and along the A-pillar (as illustrated).
- ◆ Then locate the car's fuse box. Connect the black wire to the car's ground, the yellow wire to the constant power, and the red wire to the ACC.
- ◆ Depending on the vehicle, the cigarette lighter socket may be located in different places. The provided installation diagrams are for reference only.

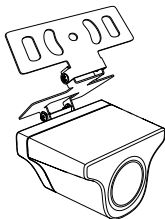
For installation video tutorials, please contact customer service or sales personnel.

## Rear Camera Installation

If you don't need to adjust the angle, you can remove this iron plate.

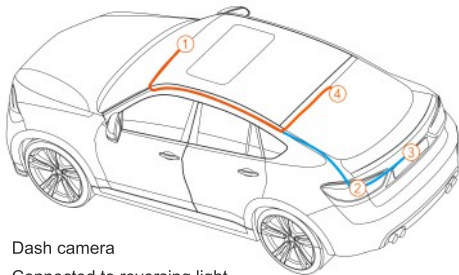


•Outside the car bracket



•Inside the car bracket

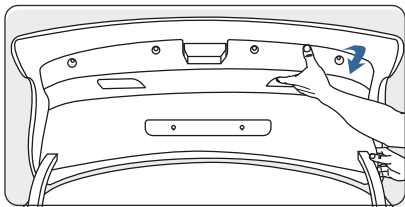
## Rear Camera Wiring Instructions



- ① Dash camera
- ② Connected to reversing light
- ③ Outside the car bracket
- ④ Inside the car bracket

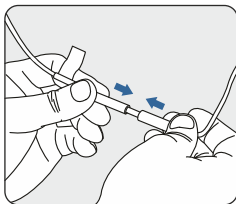
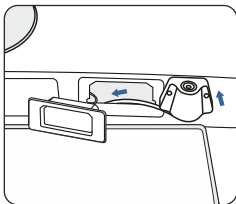
## 1. Remove the panel

Open the trunk and remove the interior panel that covers the other side of the license plate mount area. Use a trim removal tool or other thin device to pry the panel open.



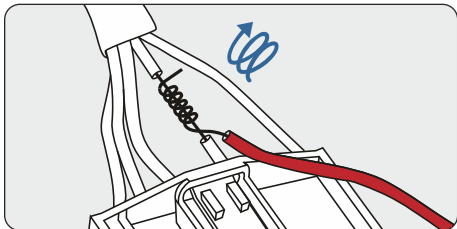
## 2. Fix the rear camera and connect the cables

Fix the rear camera near the license plate light with 3M glue, and connect the rear camera cable through the license plate light hole to the rear camera cable.



### 3. Connect the red wire to the reverse light's positive terminal

Find the positive terminal of the reverse light. This is the terminal that has voltage when the car is in reverse gear. To find it, step on the brakes, put the car in reverse gear and measure the voltage at each terminal. The terminal with voltage is the positive terminal. Strip the positive cable and wrap it with the red cable from the camera. Insulate the connection with electrical tape. Test the connection by putting the car in reverse gear and seeing if the dash cam enters reverse mode.



# Interface Introduction

- Memory Card Status: Normal
- No Memory Card / Memory Card Faulty
- Power on
- WIFI off      WIFI on  
(Tap the WIFI icon to turn WIFI on/off)



Swipe Up/Down on the Left: Adjust Displayed Image

Swipe Left/Right: Switch Between Front and Rear Cameras

Swipe Up/Down on the Right: Adjust Screen Brightness



**Return**



**Main Menu**



## **Video Recording**

Automatic recording with front and rear cameras upon power-up. Tap the video recording icon to stop recording.



## **Photo Shoot**

Tap the camera icon to take a photo.



## Video Lock

The video is locked for 1 minute with automatic unlocking. The locked video will not be overwritten. The lock status is indicated by a yellow color.



## Sound Recording On/Off

Enable to record video with sound, disable to record video without sound.

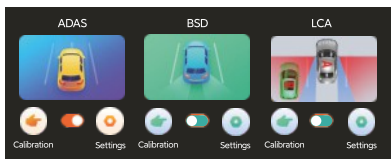
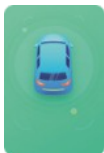
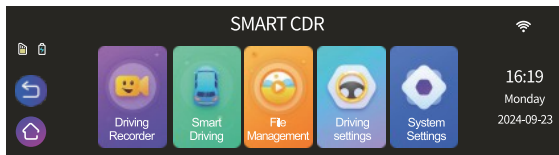


## Camera Switching

Switch between front/rear cameras and simultaneous display on the screen.

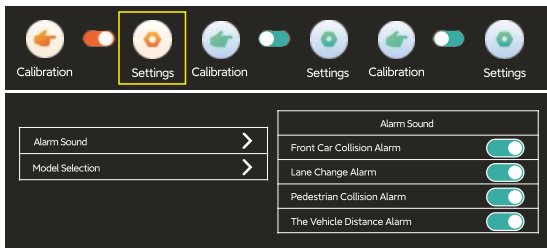


## Main Menu Introduction



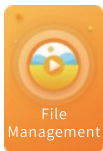
## Smart Driving

Set ADAS / BSD Assist Functions According to Personal Preferences



Open the relevant settings for more precise customization.

- Individual settings can be made for specific ADAS functions, such as turning off the warnings for front collision, lane departure, pedestrian collision, or close distance alerts. You can also select the vehicle model.
- The BSD (Blind Spot Detection) function can have its alert sound turned on or off.
- These functions can be used together or individually. When all functions are turned off, the system switches to a standard media playback mode.



## TF Card Video Playback

**tlp\_f.ts** :Time-lapse Surveillance

**f.ts** :for front camera video files

**b.ts** :for rear camera video files

Locked Videos Need to Be Manually Deleted

Click to unlock, and the unlocked video will be transferred to the front/rear video files.

| VIDEO_F                  | VIDEO_B | VIDEO_LOCK | PHOTO |
|--------------------------|---------|------------|-------|
| 20240901_233525_f.ts     |         |            |       |
| 20240901_233515_tlp_f.ts |         |            |       |
| 20240901_233514_f.ts     |         |            |       |

## Driving Settings

|                |                                     |
|----------------|-------------------------------------|
| Resolution     | 4K+1080P >                          |
| Loop Recording | 1MIN >                              |
| Time-Lapse     | OFF >                               |
| Record Audio   | <input checked="" type="checkbox"/> |
| G-Sensor       | OFF >                               |

**Resolution:** Video Specifications.

**Loop recording:** Individual video recording time, offering 1/3/5 minute options, the default setting is recommended.

**Time-lapse :** After the vehicle is turned off, it automatically enters time-lapse surveillance, recording one frame per second, taking one photo every second, and 30 photos are combined into one second of video(this function requires a step-down cable).

**Recording audio:** Turn on to record video with sound; turn off for silent video recording,

**G-Sensor:** Off/Low/Medium/High, four options. It is recommended to turn off normally; the higher the setting, the more sensitive it is. When the vehicle is shaken, it will trigger video lock, and locked videos can only be manually deleted, not automatically overwritten.

|               |                                     |
|---------------|-------------------------------------|
| Parking Guard | OFF >                               |
| Date Stamp    | <input checked="" type="checkbox"/> |
| Back mirror   | OFF >                               |
| License       | <input checked="" type="checkbox"/> |

**Parking Guard:** Off/Low/Medium/High, four options. The higher the setting, the more sensitive it is. After the vehicle is turned off, if it is shaken, it will automatically start recording a 30-second locked video (if equipped with a step-down cable, turn off time-lapse surveillance for parking mode to be enabled; if equipped with a cigarette lighter, no setting is needed).

**Date Stamp:** When turned on, the specific time is displayed in the bottom left corner of the recorded video; when turned off, there is no time display. It is recommended to turn on.

**Back mirror:** When the rear camera image is reversed, turn on the rearview mirror image adjustment (Off/Preview Mirror).

**License plate number:** Set up to display the license plate number watermark on the video playback interface.

## System Settings

| Speaker      |                                                                                   |
|--------------|-----------------------------------------------------------------------------------|
| Screen Saver | OFF >                                                                             |
| Key Voice    |  |
| Speakeel     | Middle >                                                                          |
| Boot Sound   |  |
| Language     | English >                                                                         |

**Screen Saver:** Off/10s/30s/60s. Off (screen always on), 10s/30s/60s (screen turns off after being on for 10/30/60 seconds).

**Key Voice:** Touch sound/on with sound/off without sound.

**Speakeel:** Adjusts the volume of the streaming rearview mirror.

**Boot Sound:** On/Off, with a sound prompt when turning on; On/Off, without a sound prompt when turning on.

Language: Multiple languages.

|           |                                                                                   |
|-----------|-----------------------------------------------------------------------------------|
| Date/Time | >                                                                                 |
| WIFI- App |  |
| Format    | ON >                                                                              |
| Default   | >                                                                                 |
| Version   | >                                                                                 |

**Date/Time:** Adjust the display and recording watermark time on the screen. If the time displayed is incorrect, please manually calibrate it.

**WIFI App :** Turn on the device hotspot, and you can operate the recorder through your mobile phone.

**Format :** Formats all files on the memory card, including videos, photos, and locked videos.

**Default:** All settings are restored to their original state when the device was manufactured.

**About:** System version.

## WIFI Connectivity

**WIFI Name: DVR-XXX    WIFI Password: 12345678**

How to activate hotspot:

Go to System Settings - Mobile Connectivity and turn it on  or tap the WIFI icon in the top right corner of the screen to activate the hotspot.

|           |                                                                                     |                                                                                                                                      |
|-----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Date/Time | >                                                                                   | <br>10:00<br>MONDAY<br>2024-09-23<br>DVR-b905QIMQ |
| WIFI App  |  |                                                                                                                                      |
| Format    | ON >                                                                                |                                                                                                                                      |
| Default   | >                                                                                   |                                                                                                                                      |

## Download App

Download the App

Search for the “**Viidure**” APP in the “Application Market/App Store” on your phone and download and install it.



“**Viidure**” App

Open the ‘Viidure’ App and follow the prompts to activate the recorder’s WIFI. Then, connect your phone to the recorder’s WIFI.

WIFI name :DVR-XXX    WIFI password :12345678

## Frequently Asked Questions

Q: How does the dashcam default to displaying the front and rear camera views when powered on?

A: The dashcam has a real-time save function that automatically saves the current camera view when powering off. Upon the next startup, it defaults to the camera view saved at the last shutdown. For example, “If the front camera view was displayed at shutdown, the front camera view will be displayed at startup; if the rear camera view was displayed at shutdown, the rear camera view will be displayed at startup.”

Q: How to resolve issues with blurry recording/worse clarity than before/light streaking/glare?

A: Clean the front and rear lenses of the dashcam as well as the windshield of the vehicle.

Q: The playback video does not show the time watermark. How can I enable the time watermark?

A: Go to Driving Settings and find the time watermark option to enable it.

Q: The dashcam frequently reminds me that the storage card is full or that the storage is almost full after recording only a little. How can I resolve this?

A: This situation is generally caused by locked videos occupying the storage. Format the memory card or manually unlock the files.



Check us out here!  
Product and service are the foundation of Rugha

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