DASHCAM QUICK GUIDE

Model:S2/S6 V3.0

Friendly Reminder

This manual is simple operating instructions, it may exist any technical describe inaccurate or misprint, also the contents will be update unscheduled without notice, new contents will be added in new version.

We're subject to improve or update product description or program, if any difference, all depend on real goods, please understand.

Installation Notes:

- To extend the service life of equipment, please make the equipment installed at the weak vibration parts of the vehicle as far as possible;
- To ensure the equipment cools properly, the installation should avoid poorly ventilated location (such as the vehicle trunk), while this equipment should keep a distance of about 15cm with other object in the same plane;
- The machine should be installed horizontally, please note that when installing the device should keep waterproof, moisture-proof, lightning protection, meanwhile maintaining the vehicle stationary in order to prevent the damage of equipment falling;
- To ensure the safe use of equipment, the machine, camera, cables and other accessories should keep out of the reach of the passengers and driver;
- The machine uses 8V-36V DC power supply, note the polarity when wiring in order to avoid short circuits;
- When connecting another external device, please keep the device power off;
- Do not place any other equipment on the top of the device;
- Non-professionals do not open the case by themselves, to avoid the damage and electric shock.

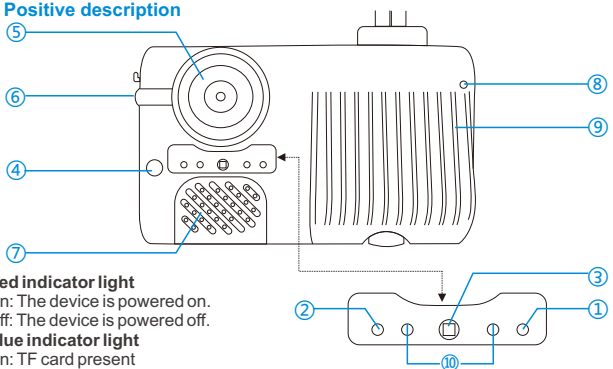
I Accessories List

Accessories					
NO	Name	Quantity	Unit	Device Model	
				S2	S6
1	Dash Cam	1	pcs	√	√
2	Power input wire	1	pcs	√	√
3	GMOUSE GPS	1	pcs	√	√
4	SOS button	1	pcs	√	√
5	I/O and serial wire	1	pcs	S22	√
6	External video wire	1	pcs	×	√
7	Bracket	1	pcs	√	√
8	3M adhesive	1	pcs	√	√
9	Manual	1	pcs	√	√
10	Warranty card	1	pcs	√	√
11	QC Card	1	pcs	√	√

Function				
Model	**S21**	**S22**	**S61**	**S62**
WiFi	√	√	√	√
AI	√	√	√	√
SOS	√	√	√	√
I/O output	√	√	√	√
RS232	×	2	2	2
5V	×	√	√	√
12V	×	√	√	√
Pull out video	×	×	1	2
Video output	×	×	√	×

Ⅱ Device Introduction

2.1 Positive description



① **Red indicator light**
On: The device is powered on.
Off: The device is powered off.
Blue indicator light
On: TF card present
Off: No TF card
Slow flash: Flashes once every 1 second. There is a video recording
Quick flash: Flash three times in 1 second. At least one video was lost

② **Orange indicating light**
On: Found GPS module with signal.
Off: GPS module not found.
Flash: Flash once every 1 second. Found GPS module, but no signal
Green indicator light
On: Network connectivity
Off: No network modules (4G and WiFi) or all network module functions are turned off
Slow flash: Flashes once every 1 second. There is a network module, but the network is not connected
Quick flash: Flash three times in 1 second. RFID card login/logout.

③ **Photoreceptor**
Sensing external light, switching between black and white or color.

④ **Button**
Switch WiFi mode. Configuration parameter mode or working mode.

⑤ **Rear Camera**
Monitor the camera inside the vehicle.

⑥ **Fix screw**
After adjusting the angle of the rear lens, turn this screw to fix the lens

⑦ **Speaker**
Intercom sound output, broadcasting, AI voice alarm

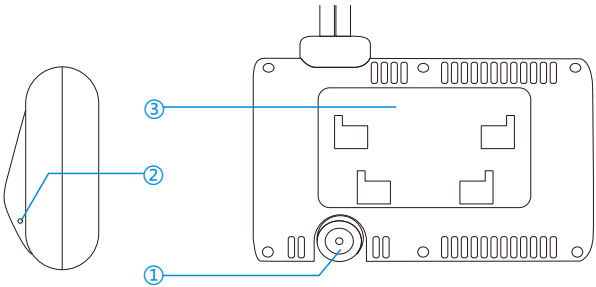
⑧ **Microphone**
Intercom sound input, video sound

⑨ **Heat sink**
Internal heat dissipation

⑩ **Infrared light**
When the light is too dim, such as at night, infrared night vision is turned on.

Note: The lights of different Dash cam models are different, please see the real object

2.2 Back description

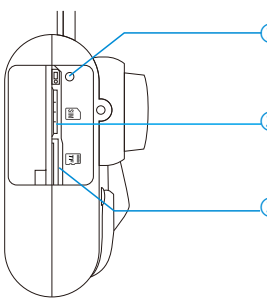


① **Front camera**
Monitoring the road in front of the vehicle.

② **Fix screw**
After adjusting the angle of the front lens, turn this screw to fix the lens.

③ **Bracket seat**
The dash cam is installed on the bracket and attached to the windshield with 3M adhesive.

2.3 Side Description

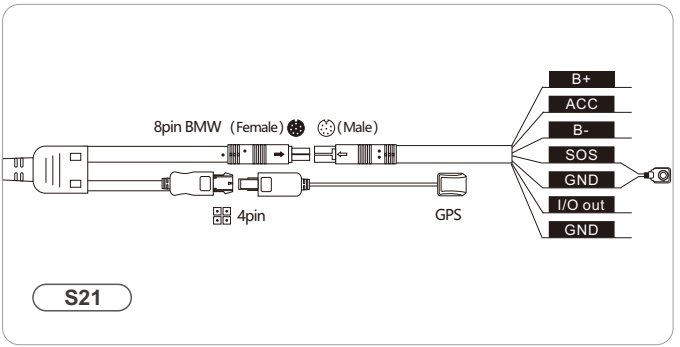


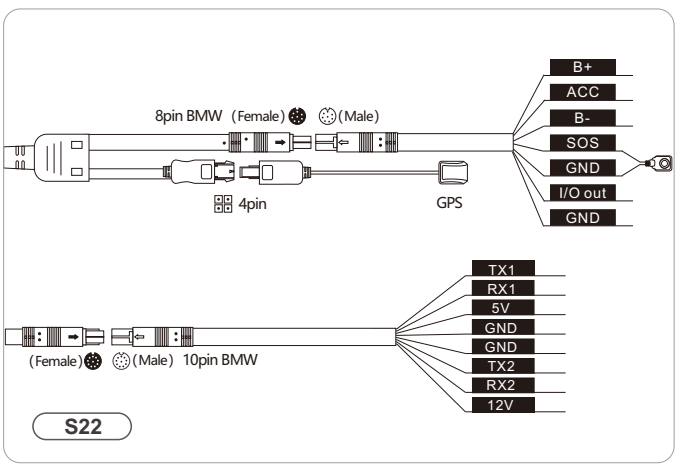
① **Reset key**
Factory reset.

② **SIM Card**
Insert 4G SIM card. Antenna built-in.

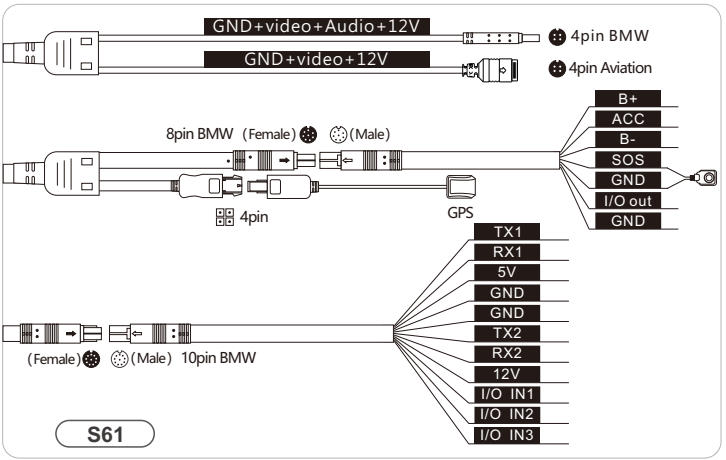
③ **TF Card**
Insert TF card.

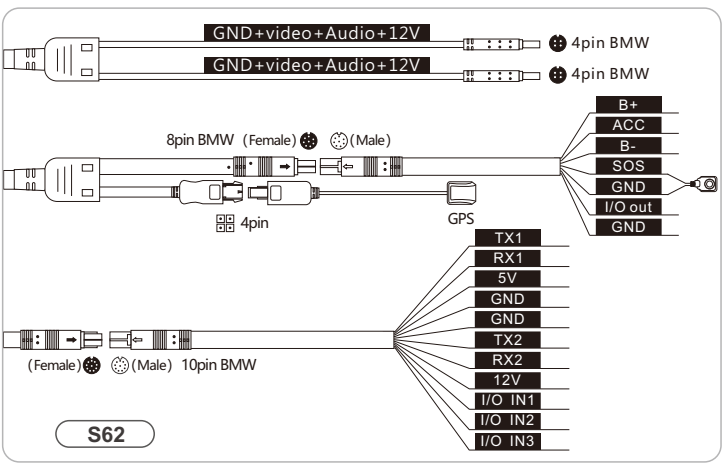
2.4 S2 External Cable Description





2.5 S6 External Cable Description

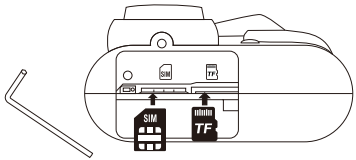




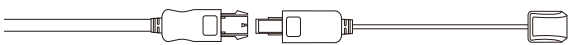
Ⅲ Installation steps

Step1: Insert SIM and TF cards

Open the side cover with a hexagonal screwdriver and insert the SIM card and TF card.



Step2: Insert GPS module

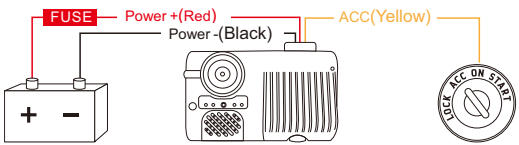


The GPS Module needs to be placed outside the vehicle with the antenna facing upward (to the sky), and the surface should not be blocked by metal objects, and stay away from interference from other communications and electronic products!

Step3: Connect the power cable

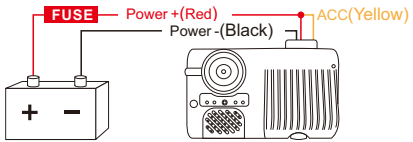
Dash cam Use Direct Current Power to Input, Input Voltage range is DC8-36V.

★Use Ignition Switch to Control Dash cam to Delay Work



Red Connect Battery(Power) Positive Pole, Black Connect Battery(Power) Negative Pole,Yellow Connect Ignition Switch.

★Main Switch Connection Diagram(Main Switch Control Recording Switch), Testing indoor also Use this Method.



Red and Yellow Together connect Battery(Power) Positive Pole,Black Connect Battery(Power) Negative Pole.

Attentions:

1. The Dash cam is DC power supply; please attention the positive and negative polar.

2. The voltage is 8V~36V.Do not insert voltage that beyond this range. Under low voltage the Dash cam doesn't work, under high voltage will be harm to the Dash cam.

3. Please make sure the Dash cam is connect with the car power directly. Do not connect with the generator, the instantaneous voltage will harm to the Dash cam.

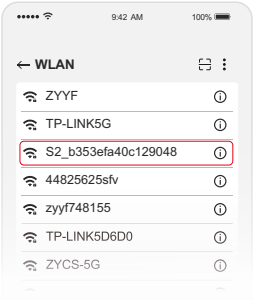
4. The initial power will beyond 30W when the Dash cam connect with the Camera (the consumed power is different due to the connect with different device), the power supply must beyond 30W.

5. The power cables must can stand beyond 60W(For example, when the output voltage of car is 12V,the power cables must can bear 5A or more).

6. Please put the cover on the cables, the cover must be wear-resistant, heat-resistant, water-proof, grease-proof, in case of short circuit and open circuit.

7. Please install a 10A fuse box near the battery output positive polar for fear of the short circuit will damage the power supply.

Step4: Phone connection dash cam WiFi hotspot “S2-XXXX” or “S6-XXXX”.

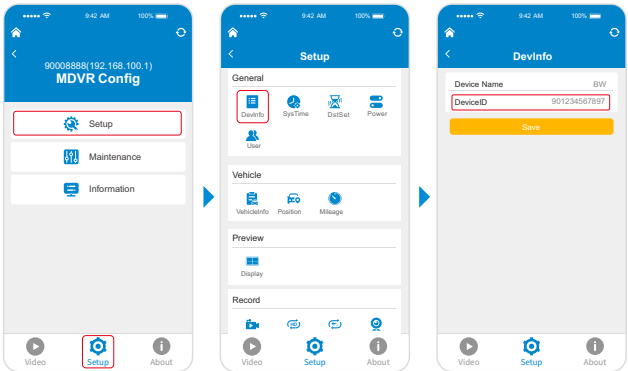


Press and hold the button on the dash cam until you hear the sound of "entering configuration mode". Search for and connect to the WiFi hotspot "S2/S6-XXXX" of the dash cam on your phone. WiFi password 1122334455.

Step5: Play Dash cam videos through the [UView] app

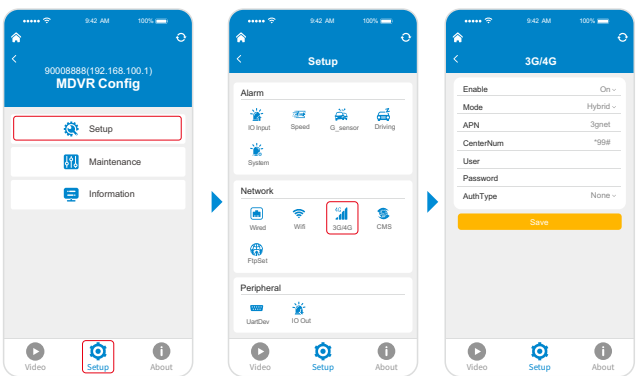
Open the [UView] app and click [Login] to enter the main menu. Click the play button in the upper right corner for real-time play.

Step6: Device ID setting



The device ID added by the CMS server needs to be consistent with the Dash cam local device ID.The device ID must be 12 digits.

Step7: 4G dial settings

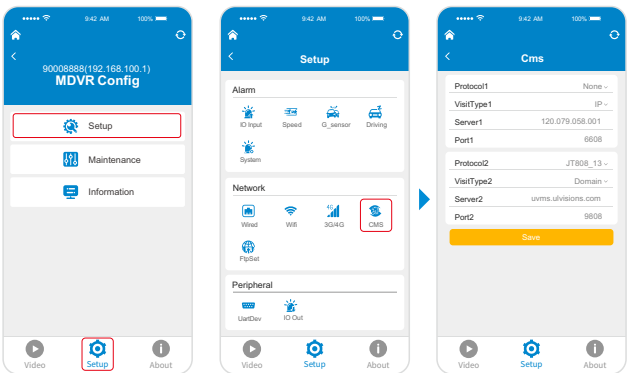


APN: Fill in the APN according to the SIM card operator.Insert the 4G SIM card into the mobile phone, turn off the mobile WiFi, and browse the web. If you can surf the Internet normally, the SIM card is fine. Enter the phone "Settings"-""SIM Card Information" - "Access Point" interface, you can get the SIM card APN information

CenterNum: Generally "*99#" or "*99***1H".

If you don't know "Username" and "Password", leave it blank

Step8: Dash cam Server settings



Protocol: Server 1 default JT808/1078_19 protocols; Server 2 default JT808/1078_13 Protocol.

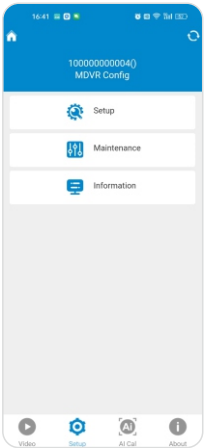
Server1: Fill in the server IP address according to the actual situation, the default 120.079.058.001.

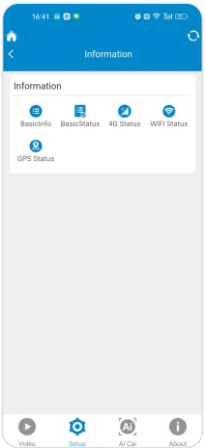
Port1: The default 6608.

Server2: Fill in the server IP address according to the actual situation.

Port2: The default 9808.

Step9: Check system information





BasicInfo:
Device ID, PlateNo, App Version, MCU Version, System Ver

BasicStatus:
Server Connection Status, TF card status

4G Status:
4G dialing status and signals

Ⅳ Add device to CMS server

Note: This document takes the CMSV6 platform as an example, other platforms are similar.

1. Log in to the CMSV6 client with the super administrator account.

Only administrators can add devices.

2. Go to the vehicle information page.

Click "Manage" - "Operations" - "Vehicle" on the top of the CMSV6 client to enter the "Vehicle Information" page.

3. Open the Add Vehicle page.

Click the "Quick Add" button to open the "Add Vehicle" page.

4. Enter vehicle information.

Device NO.: The 808 protocol requires 12 digits.

Plate NO.: After filling in the device number, the license plate number will be filled in automatically.

Protocol Type: Select "Ministry Standard 1078 (Video)" for 808 protocol, and "Unknown" for CMSV6 private protocol.

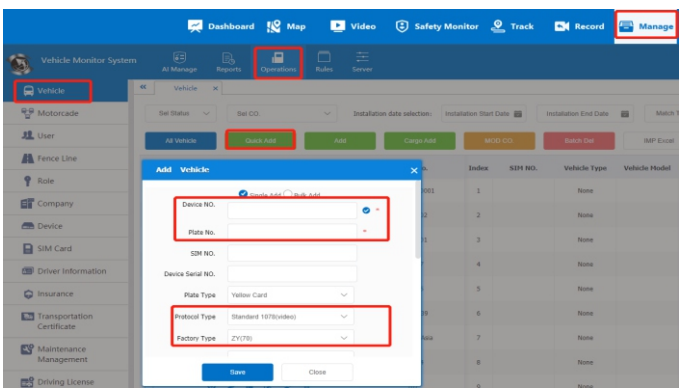
Factory type: ZY70.

Terminal Type: Select "Video Terminal".

Vehicle Icon: Select the corresponding icon to facilitate subsequent identification of the type of the device.

CO. /Motocade: Select the corresponding "Company/Team".

Note: The [Device ID] added byCMSV6 must be the same as the [Device ID] of MDVR.



V Frequently Asked Questions and Solutions

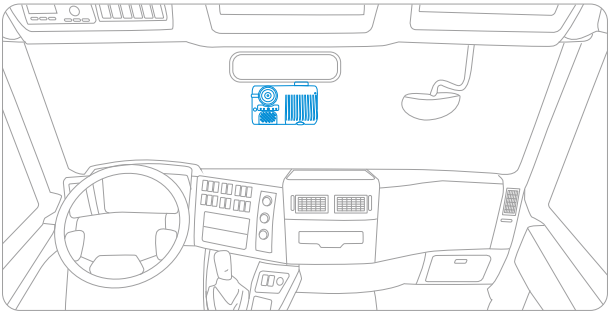
Q: Dash cam cannot start or repeatedly restarts
A: 1. Check if the device power indicator light is on.
2. Check if the ignition switch is connected.
3. Check if the device voltage is insufficient (12V 5A)
4. Unplug the TF card, restart the device, and observe whether it works normally

Q: Dash cam does not record videos
A: 1. Check if the TF card is recognized.
2. Check if the TF card is in exfat format.
3. Check if the TF card has changed to read-only mode.

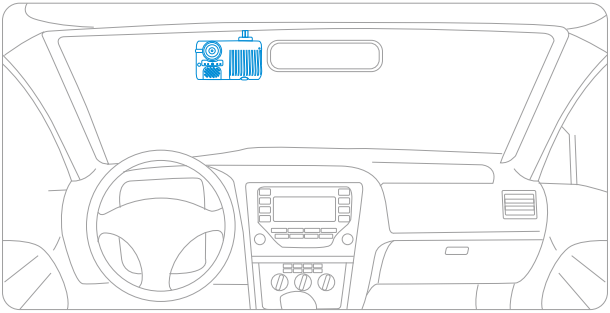
Q: GPS invalid
A: 1. Check if the GPS module is loose or inserted incorrectly.
2. If you test indoors/in the car, the signal will be blocked or weak. Place the GPS antenna outdoors/outside the vehicle, with the antenna facing upwards (facing the sky).
3. Forests, tunnels, under overpasses, thunderstorms, etc. may cause GPS signals to be lost or incorrect signals to be received.

Q: 4G dialing failed
A: 1. Check if the SIM card can access the internet normally. Insert the Dash cam SIM card into your phone, turn off your phone's WiFi, and use 4G to browse web pages and watch videos. If you can access the internet normally, it indicates that there is no problem with this SIM card.
2. Check if the device dialing parameters are configured correctly. Insert the Dash cam SIM card into the phone to obtain information such as APN, username, and password. Enter the "SIM Card Information" - "Access Point" interface of the phone to obtain SIM card APN information.
3. Open the "UView" mobile app and enter the "Setup" - "Systeminfo" - "XgStatus" menu to check the dialing status. A 4G signal value greater than -70 is preferred.
4. Insert the normally used SIM card in the phone into the Dash cam to see if it can dial normally and connect to the server.
5. Change to another operator's SIM card to see if it can be used.

Q: 4G dialing succeeded, but the device cannot connect to the server
A: 1. If using the CMSV6 platform, both the device and server sides need to be configured with the JT808 protocol. If it is a UVMS platform, the device needs to set up the JT808-2013 protocol.
2. The device ID added by the server needs to be consistent with the device ID configured by the device
3. Open the "UView" mobile app and enter the "Setup" - "Systeminfo" - "BasicStatus" menu to check the dialing status.



logistics vehicle installation diagram



CMSV7 -IOS

CMSV7-Android

Uview-Android