Parking Monitoring

Intelligent Hardwire Kit

User Manual

Scan the QR code for tutorial video

DDPAI

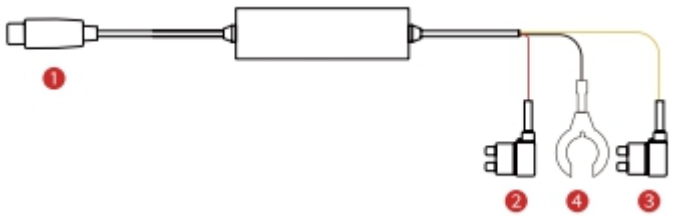
Contents

1. Safety Instructions

- Please read all safety precautions and operating instructions carefully before using this product to ensure proper and safe usage.
- It is recommended to have the installation performed by a qualified technician or professional installation service. The manufacturer shall not be held responsible for any damage to the vehicle's power system, battery, or interior caused by improper installation. Losses caused by incorrect installation rather than product quality issues are not covered by the manufacturer.
- The performance of this product may be affected by the condition of the vehicle's power supply, battery, or the main device. The manufacturer is not responsible for any malfunction of this product resulting from such external factors.
- Please use this product in compliance with local laws and regulations.

2. Specifications

Name: Intelligent Hardwire Kit
Model: DC002
Power Input: Below DC 12V/2A
Power Output: DC 5V/3A



① Type-C connector
② Red ACC terminal
③ Yellow VCC terminal (+)
④ Black GND terminal (-)

Note

The default low-voltage protection threshold of this parking hardwire kit is set to 12V.

Note

Images of the product, accessories, and user interface in this manual are for illustrative purposes only. Actual products and features may differ due to ongoing improvements.

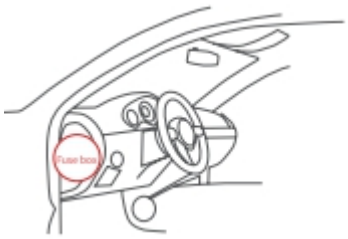
3. Installation

Note

- To avoid any vehicle damage caused by misoperation, it is recommended that you install hardwire kits in professional automobile service centers.
- A hardwire kit needs to be connected to the vehicle's fuse box for installation. Turn off the vehicle engine and ensure personal safety before performing the installation.
- When looking for the ACC fuse position in a fuse box, follow this principle in general: The fuse position of non-critical automobile equipment can be used, but electrical appliances must not be connected to any fuse position of critical automobile equipment.
- Non-critical automobile equipment includes the radio, power window, automobile skylight, air conditioner, cigarette lighter, and loudspeaker. Critical automobile equipment includes the fuel pump, windscreen wiper, generator, and starter. Do not connect electrical appliances to any fuse position of critical automobile equipment.
- Scientific and reasonable power cable connection to the fuse is very practical. Do not use a large current without scientific cable connection, which must be strictly prohibited or such cable connection must be dismantled immediately.

1. Open the fuse box in the cab

Open the fuse box in the cab. The location of the fuse box varies with vehicle models. In general, the fuse box is located at the lower left of the steering wheel and the left interior cover, as shown in the following figure:



(Fuse box)

2. Measure the power supply in the vehicle

Use a multimeter to measure the power of the fuse box (12V DC output always

available after the vehicle engine is turned off) and the ACC interface (12V DC output always unavailable after the vehicle engine is turned off, 12 V DC output available after car ignition).

3. Remove the Original Vehicle Fuses

(1) Use tweezers to remove the constant power fuse from the fuse box. This will be connected to the VCC wire of the hardwire kit.

(2) Use tweezers to remove the ACC (ignition-controlled) fuse. This will be connected to the ACC wire of the hardwire kit.

Note

When removing the original vehicle fuses, be sure to select a fuse labeled "5(A)". Using fuses with other ratings may result in a short circuit risk.

4. Connect the terminals

(1) Connect the black ground wire to an unpainted metal bolt in the vehicle. If there is no such ground point, you need to connect the wire inside the car fuse box;

(2) Connect the red wire (ACC) connector of the hardwire kit to the ACC interface in the fuse box (12VDC power supply controlled by the car start);

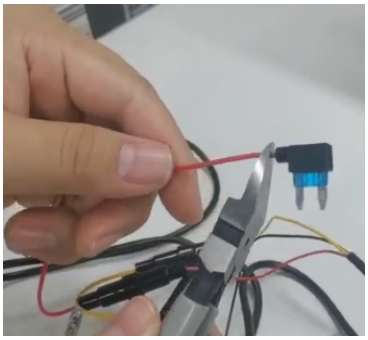
(3) Connect the yellow wire (VCC) connector of the hardwire kit to the VCC interface in the fuse box (this power supply is 12VDC and is always powered on and not controlled by the ignition).

If the ACC and VCC terminals on the hardwire kit do not match the original fuse slots on your vehicle, you can do the following:

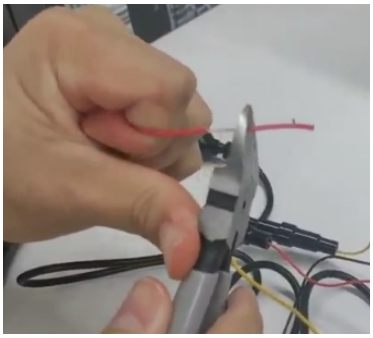
Note

To avoid damage to the hardwire kit caused by misoperation, it is recommended to seek help from professionals for the following operations.

(1) Cut off the ACC and VCC terminals on the hardwire kit..



(2) Strip off the insulation of the ACC and VCC cables, keep the internal copper wire, and twist the copper wire into a single piece with your fingers.



(3) Connect the VCC line (yellow) of the hardwire kit with the constant power fuse (output voltage is 12V) just removed from the original car fuse box; connect the ACC line (red) of the hardwire kit with the ACC fuse (ignition switch control) just removed from the original car fuse box.

(4) Finally, insert the 12V normal power fuse and ACC power fuse back to the corresponding fuse positions of the original car.

5. Connect the hardwire kit to the device for power supply

Insert the Type-C interface at the tail end of the hardwire kit into the power interface of the device, and start the car. After the device is powered on, it will automatically start up and play a startup prompt tone.

6. Adjust the installation angle of the device

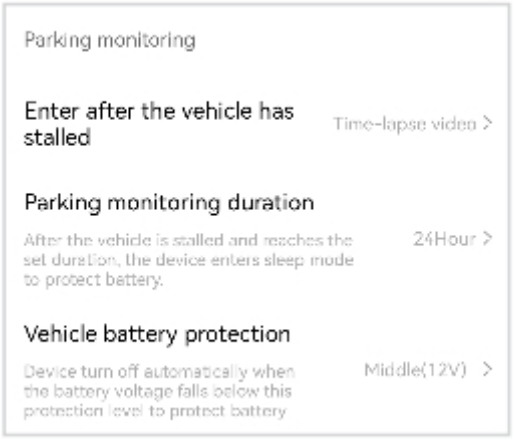
After the device is started, connect to the device through the DDPAI app. Confirm the fixed position of the device through the video on your mobile phone, Then adjust the lens angle.

7. Lay out the cables of the device

Insert the power cord of the device into the interior of the top of the vehicle, and lead the wire slowly to the fuse box. The extra cable can be fixed on the frame. After cable layout, close the removed fuse box cover and interior cover.

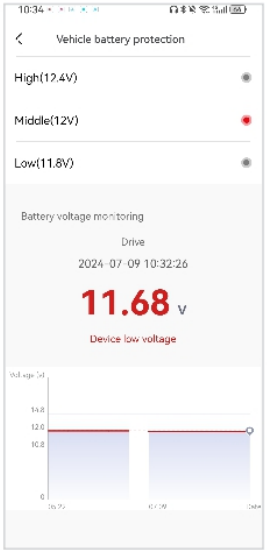
4. Function Introduction

After the intelligent hardwire kit is connected to the automobile battery, the battery can realize around-the-clock uninterrupted power supply to the dash cam, After the dash cam is connected to the DDPAl app, the low-voltage protection value, parking monitoring, duration, and parking monitoring mode can be set on the app, thus realizing a safe and reliable parking monitoring solution.



1. Set the minimum safe voltage

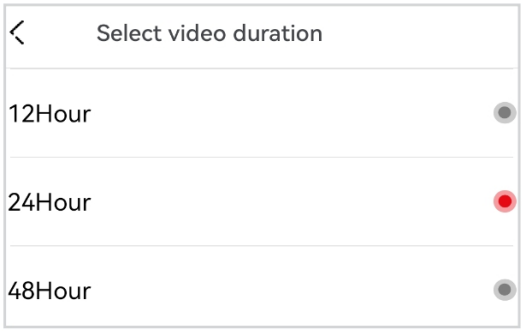
The intelligent hardwire kit adopts the self-developed IPS power management technology. After the dash cam is connected to the DDPAl app, the low-voltage protection value (12V by default] can be set on the app. When the battery voltage is detected to be lower than the preset safe voltage, the dash cam will be automatically powered off and shut down to avoid continuous power loss of the battery and protect the vehicle battery. You can also view the battery voltage detected in real time on the following interface:



2. Set the parking monitoring duration

After the intelligent hardwire kit is connected to the automobile battery, the battery can realize around-the-clock uninterrupted power is supply to the dash cam.

After the dash cam is connected to the DDPAI app, the parking monitoring duration can be set on the app. When the vehicle is stalled and the set duration is reached, the dash cam will enter sleep mode to protect the battery.



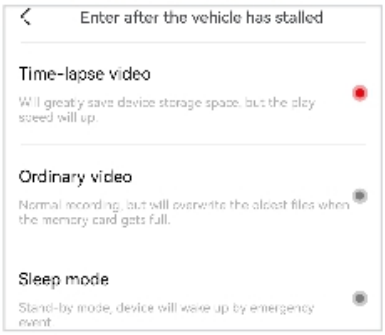
Note

When setting this timing option, consider the monitoring duration in advance to avoid the risk of battery power loss and the vehicle start-up failure.

3. Set the parking monitoring mode

After the dash cam is connected to the DDPAI app, different parking monitoring modes can be set on the app, and a safe and reliable parking monitoring, solution can be realized with the help of the time lapse video recording technology.

Mode	Description
Time-lapse video recording	It will significantly save the storage space of your device, and the viewing speed will be accelerated.
Normal video recording	When the storage space for video recording is fully occupied, it will be overwritten in a cyclical manner.
Sleep	The device is in the sleep mode, and will wake up in case of emergency.


Enter after the vehicle has stalled
Time-lapse video
Will greatly save device storage space, but the play speed will up.
Ordinary video
Normal recording, but will overwrite the oldest files when the memory card gets full.
Sleep mode
Stand-by mode, device will wake up by emergency event