

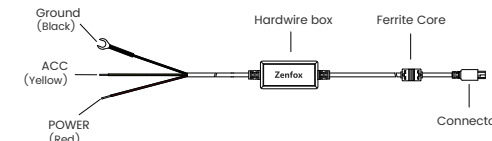
This user manual is available on  
<https://support.zenfox.com>

# Zenfox

## Hardwire Kit

### USER MANUAL

#### ■ Wire Harness



(NOTE: The picture shown above is for illustration purpose only.)

Ground	Ground point
ACC	Switched fuse slot
POWER	Constant power fuse slot

#### ■ Product Parameters

**Total Product Length:** 4M

**Input:** DC 12V/24V

**Type:** 3-wire

**Input Wires:** POWER (Red), ACC (Yellow), GROUND (Black)

**Battery Drain Protection:** For 12V Battery: 12.0V 11.8V  
For 24V Battery: 24.0V 23.6V

**Input:** 12/24 Volts, 2 Amps maximum

**Output:** 5 Volts, 2 Amp maximum

**Operating Temperature:** -25°C-50°C (-13°F-122°F)

#### ■ Features

##### Low Voltage Protection

The ZENFOX Hardwire kit allows you to set the voltage cut-off value through 2 options. When the voltage of the vehicle battery drops to this cut-off value, the Hardwire kit will stop powering the dashcam to protect the battery from excessive discharge.

12V BATTERY	11.8V	12.0V
24V BATTERY	23.6V	24.0V

##### Over-current/Surge protection

The ZENFOX hardware kit will detect abnormal over-current conditions and cut off the power to prevent damage to the dash cam equipment.

##### Compatibility

Compatible with ZENFOX dash cam, and compatible with most dash cam brands on the market that support parking mode and use power connectors.

##### Multi-input power supply DC 12V / 24V

Automatically detects input voltage whether your vehicle is running DC12V or 24V.

#### ■ Installation

##### NOTE:

• It is recommended to use professionals for wiring / installation / disassembly. Special skills and experience are required for installation and wiring.

• Before formal installation, please perform a temporary installation to check functionality and compatibility with the car electrical system.

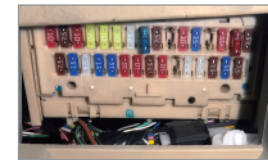
• Please take the time to thoroughly understand each step. Skipping steps may cause damage to your equipment and vehicle. ZENFOX is not responsible for abuse and incorrect installation. If you are unable to install the equipment, please consult your car technician. ZENFOX cannot provide technical support for the relevant vehicles or recommendations of this guide.

• The electrical system of your vehicle should remain completely shut down during installation.

• In this user manual, photos and images are for reference and general illustration purposes only. Please make sure to study and follow your car's user manual for locating the fuse box, how to use the fuse and which fuse to provide ACC power, which fuse provides constant power.

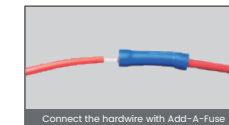
#### 1 Locate your Fuse Box

Locate your fuse box using your Fuse Box Diagram. This information can usually be found in your vehicle's User Manual or from your manufacturer's website.

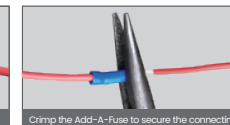


#### 2 Connect the Red PWR wire to a constant fuse

Please refer to your vehicle's "User Manual" to determine the fuse functions in the internal fuse panel. Locate a fuse slot that provides constant power to be used to connect the RED PWR wire. (This fuse always provides power even when your car key is locked and turned off.) Install an Add-A-Fuse/Fuse Tap of the correct type in the fuse slot and connect it to the RED PWR wire via a crimp connector. Install the original fuse in the bottom position of the Fuse Tap, and a 2-amp fuse in the top position.



Connect the hardwire with Add-A-Fuse



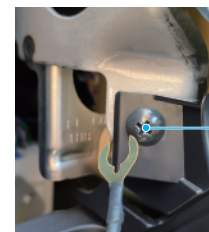
Crimp the Add-A-Fuse to secure the connecting

#### 3 Connect the Yellow ACC wire to a Switched fuse

Locate a fuse slot that provides power only when you turn the vehicle key to the ACC position to be used to connect the YELLOW ACC wire. Install an Add-A-Fuse/Fuse Tap of the correct type in the fuse slot and connect it to the YELLOW ACC wire via a crimp connector. Install the original fuse in the bottom position of the Fuse Tap, and a 2-amp fuse in the top position.

#### 4 Connect the black Ground wire to a ground point

Locate a ground point, such as a bolt, that is directly on a bare metal part of the vehicle's frame.



Screw on Metal Chassis

**Note:** It's best to ground with a bolt on unpainted bare metal. If a bad ground is chosen, it may cause your dash cam to restart when the current is unable to flow consistently.

#### 5 Test the connection

With your vehicle's electrical system completely OFF, confirm that all wiring is connected correctly. We recommend setting the cut-off voltage to the lowest setting before connecting. Once you've connected the three wires, plug the hardwire kit into your camera and start your vehicle to see if the camera powers on and starts recording. If successful, stop recording and turn on the parking mode in the camera system settings. Restart recording, then turn off your vehicle and check if the camera enters the parking mode recording.

#### ■ Customer Service

✔ We are committed to provide excellent service to our customers, contact our support team through the following contact methods.

📄 Ticket: <https://zenfox.zendesk.com/hc/en-us/requests/new>

✉ E-mail: [support@zenfox.com](mailto:support@zenfox.com)

🕒 Business Hours: Monday-Friday 9 am-6pm