



Thank you for choosing Cansonic Hardwire kit. Please note that Type A and Type C need additional USB adapter. Using an incorrect adapter may damage the device.

Cansonic dashcam require different type of hardwire kit for different models:

Type A: UltraDash 800, UltraDash 850, UltraDV 888, UltraDuo 707, UltraDuo Z1, UltraDuo Z2

Type B: UltraDash 210, UltraDash S1, UltraMirror M1 (Compatible with other general dashcams)

Type C: UltraDash 310, UltraDash510

The following are the instructions for installing the Cansonic Hardwire kit properly to your vehicle. Before installing the hardwire kit, please read the instructions thoroughly for the best results.

We recommend you to connect the hardware kit to a ACC/Switched power supply. It will only provide power to the dashcam when your vehicle's ignition is turned on.

The permanent live (Always On) is only required when you need 24-hour monitoring. The dashcam operates normally until the vehicle's battery drops below the minimum voltage cut off which is 11.2 VDC for a 12 VDC battery and 22.8 VDC for a 24 VDC battery. This action will protect your vehicle's battery.

If you need additional help, please contact a car electrician for assistance.

#### NOTE: Safety

- Turn Off Your Vehicle and Device while installing the hardwire kit.
- Do not strip the cables.
- Identify the electrical polarity carefully.
- Only ground it to a negative circuit correctly for safe installation.

#### WARNINGS

- Consult an expert before installation. If in any doubt, we suggest you contact a vehicle technician to start the installation instead of doing it yourself.
- Check if everything is correct before adding an electrical load into fuse box, improper connection may result in discharge of the vehicle battery.
- Follow the safety tips and instruction, incorrect installation may permanently damage the product and your vehicle which will not be covered under the manufacturer's warranty.

## Installation

### Step 1: Connect the Fuse Tap Cable to the fuse box.

- 1.1 Find your vehicle's fuse box. Typically it locates under the driver steering wheel or underneath your engine hood. Please refer your vehicle manual.
- 1.2 Remove an original fuse associated with your vehicle's ignition ACC/Switched power source. We recommend that the maximum rating of the fuse is no more than 20 Amps. Please refer your vehicle manual.
- 1.3 There is a 2 Amp fuse which protects the dashcam built in the socket for 2 Amp fuse tap cable (Item 6). Please do not remove or change it. Choose the correct fuse tap cable from the three supplied model types (Item 5). Plug in the original fuse to the socket for the original fuse (Item 7).
- 1.4 Plug in the Fuse Tap Cable to the socket where the original fuse was removed from on the fuse box on Step 1.2.

You can check the voltage for 12-24VDC at the end of your fuse tap cable by using a multi-meter when the ignition is on.

### Step 2: Car Power Cable Installation

- 2.1 Mount the dashcam behind the rearview mirror and connect the car power cable 5V USB connector (Item 1) to the dashcam.
  - Please note that Type A and Type C need additional USB adapter.  
(Plug in the 5V USB connector to the USB adapter and connect the adapter to the dashcam.)
- 2.2 Beginning with the dashcam end, tuck the car power cable into the headliner and hide the power cable along the A-pillar to the rubber trim by using a pry/trim removal tool to loosen any trim. Make sure there is still enough cable for dashcam connections.
- 2.3 Keep lining the cable to the fuse box. Once you have the cable to the fuse box, look for the ground around the area of the fuse box. We recommend you ground the negative(-) spade connector (Item 3) to a bolt on unpainted bare metal. Next, plug in the positive(+) car power bullet connector (Item 4) to the positive(+) fuse tap cable bullet connector (Item 8), and it will enable the dashcam to receive power. Organize any excess cable by using a cable clip to a convenient position.
- 2.4 If required, we've included a Ferrite Core (Item 9) along with the Hardwire Kit. This can be use to suppress any radio electronic interference. Loop it around the Power Cable about 5-8 inches from the dashcam for best result.

- Item 1 5V Mini USB connector
- Item 2 12-24Vdc to 5Vdc regulator
- Item 3 Negative (-) spade connector
- Item 4 Positive (+) car power cable bullet connector
- Item 5 ATO/C, ATM & Micro2 2Amp fuses
- Item 6 The socket for 2 Amp fuse tap cable
- Item 7 The socket for the original fuse
- Item 8 Positive (+) fuse tap cable bullet connector
- Item 9 Ferrite Core

