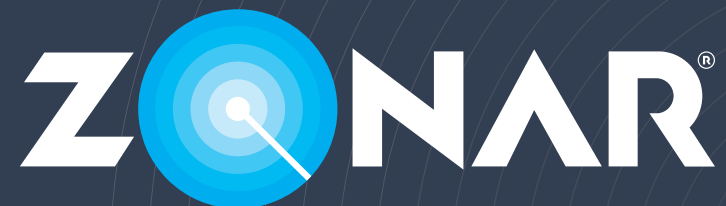




Connect your AI Recorder using this Wi-Fi SSID and password, and keep both stored safely for future reference.



AI Recorder

(AIR-I, AIR-II)

[Installation Guide](#) ▶

What's included with the AI Recorder

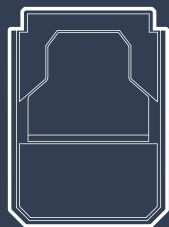


AIR-I

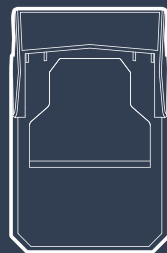
Or



AIR-II



AI Recorder
Mount Plate &
Adhesive



AI Recorder
Wedge Mount Plate &
Adhesive

Ensure the AI Recorder and any required power components are securely mounted and kept out of passengers' reach.

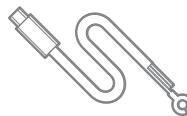
L-shaped Torx Flat Screwdriver



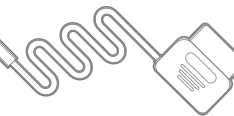
Cleaning Wipes



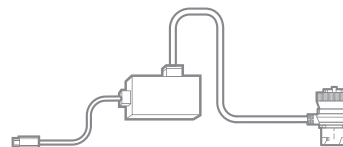
Power Cord (one of below)



Direct Wire Power Cord

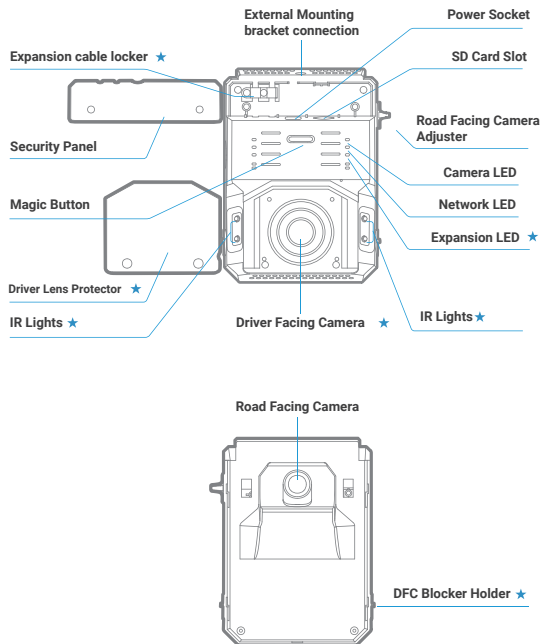


OBD-II Power Cord



J1939 Power Cord

AI Recorder Overview



★ AIR-II only

Magic Button

Click x 1	Force power on
Click x 3	Flip on WiFi Direct Mode
Press for 2s	Mark an Event
Press for 8s	Restart the Camera

Camera LED

Solid BLUE	Power On/Idle
Solid RED	Recording
Blink BLUE	Firmware Updating
Solid GREEN 5s to Restart	Update Success
Solid RED 5s to Restart	Update Fail
Blink BLUE and RED	Error

Network LED

Solid Green	Connected to the Server
Solid Blue	Connected to 4G but not the Server
Off	No network connections

Expansion LED

Solid Green	Expansions (Aux Cam) in working
Off	No Expansions

Using the Zonar Video Install App to verify the AI Recorder installation

The Zonar Video App is the companion to the AI Recorder, giving fleet administrators an easy way to install, maintain and diagnose the AI Recorder.



Installation Check Points:

- Network/Cloud Connection
- External AUX cameras (if installed)
- Preview video
- Network Test
- Power Test

ⓘ Do not use mobile devices to access the AI Recorder while operating the vehicle. Park in a safe location before using the app. Connect to the Wi-Fi network broadcast by the AI Recorder, then open the Zonar Video App. The Wi-Fi network name and password can be found on the camera label or on the back of this installation guide.

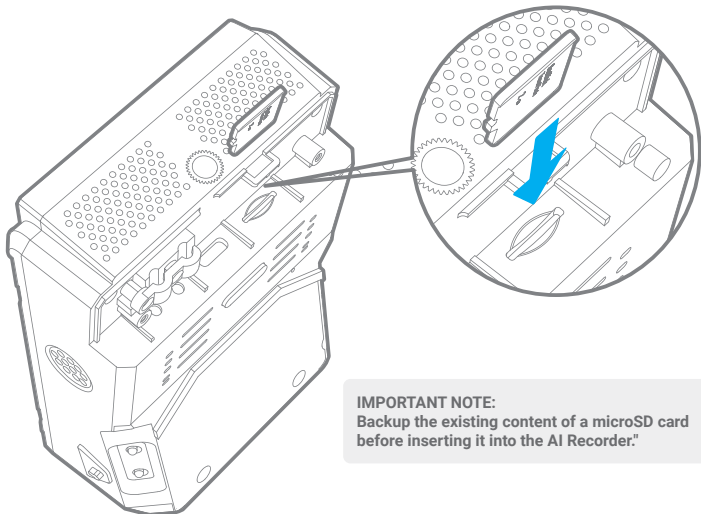
Installing your AI Recorder

Park the vehicle in a safe and convenient place for the installation

1 Insert the microSD card (if not already installed)

Remove the Security Panel, if needed unlock it using L-Shaped Torx Flat Screwdriver provided.

A microSD card will be automatically formatted the first time it was inserted into the AI Recorder.



Zonar requires a high-endurance microSD card (Class 10 or higher MLC microSD, 32–512 GB) designed for continuous recording. While other cards may technically work with the AI Recorder, they are far more prone to errors and failures.

2 Connecting power to the vehicle.

Direct wire power with fuse box connection.

1. Make sure the vehicle is off.
2. Find the location and layout of your fuse box as well as the appropriate fuse type from the vehicle's user manual.

IMPORTANT NOTE:

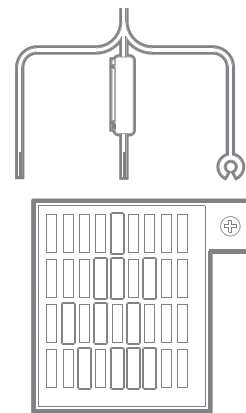
Only connect on a non-essential fused circuit.
Never install on any safety system such as airbag, anti-lock braking systems, vehicle lights, or driver assistance systems.

NOTE:

Professional installation assistance is recommended, if you are not familiar with identifying fuses in a vehicle and installing power system related items.

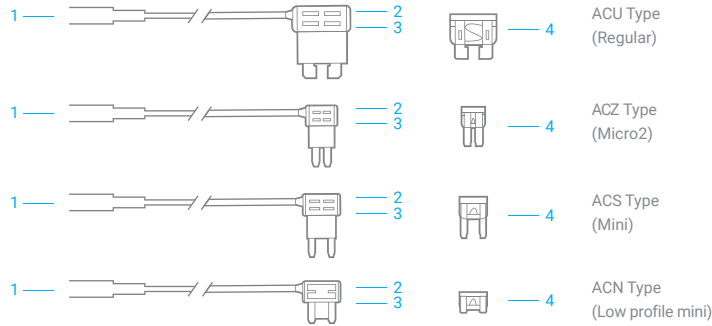
3. Connect the white ACC wire to a switched fuse via Fuse Tap Cable:

- a. A switched fuse is used to monitor the accessory power such as cigarette lighter, car radio, etc. They will be switched off after you turn off the car. Identify them by referring to the vehicle user manual or consulting a qualified professional.
- b. Verify the fuse is a switched fuse by using a multimeter to track voltage within the circuit across ignitions ON and OFF positions.



c. If confirmed as a switched power fuse, remove the identified switched fuse from the fuse panel. Use the fuse puller tool if available.

d. Select the right Fuse Tap Cable for your vehicle.

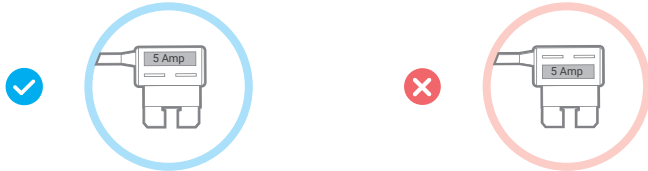


e. Insert the supplied 5 Amp fuse to the socket 2 if it's not inserted yet.

f. Insert the identified vehicle fuse into slot 3 on the Fuse Tap Cable.

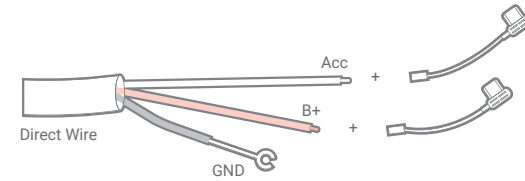
NOTE:

The supplied 5Amp fuse **MUST** be placed in the uppermost socket, as shown below. Inline with the red cable. The original vehicle fuse is to be placed in the lower socket.



g. Insert the Fuse Tap Cable into the fuse panel carefully.

h. Insert the exposed ACC wire from the camera harness into the Fuse Tap Cable connector and crimp to secure the connection.



4. Connect the Red B+ wire to a constant power fuse via Fuse Tap Cable.

a. The constant power fuses are used to monitor constant power within a vehicle. They will not be switched off after you turn off the car. Identify them by referring to the vehicle manual or consulting a professional.

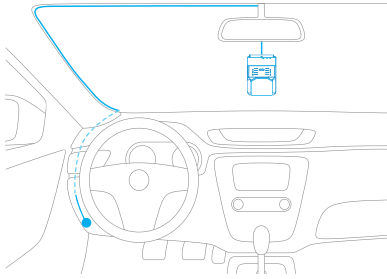
b. Verify the fuse is a constant fuse by a multimeter to track voltage within the circuit across ignitions ON and OFF positions.

c. If confirmed as a constant power fuse, remove the identified constant fuse from the fuse panel. Use the fuse puller tool if available.

d. Refer steps 3.d to 3.h for the Fuse Tap Cable usage and connection. Ensure working on the Red B+ wire and the right constant power fuse.

5. Connect the Black GND wire to a chassis ground point, such as a bolt, that is directly touching a bare metal surface of the vehicle's chassis.

6. Route the wire with USB Type-C plug of the Direct Wire Power Cord to the expected camera mounting location on the windshield.

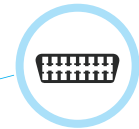
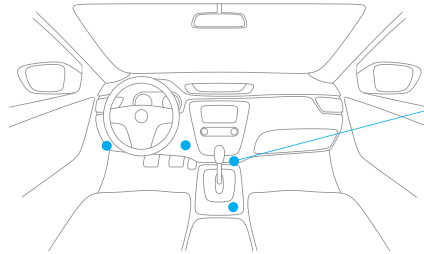


IMPORTANT NOTE:
If your vehicle has side impact airbags, make sure the harness does not interfere with its ability to deploy.

NOTE:
Leave an extra few inches of cord length near the recorder to insert the Type-C plug. This will allow easier mounting of the AI Recorder.

7. Secure any excess wire after the recorder is mounted.

OBD-II Power Cord (Optional)



The OBD-II socket

1. Locate the OBD-II socket in your vehicle, the upper figure shows some popular places.
2. Insert the OBD-II plug into the OBD-II socket firmly.

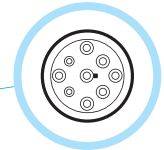
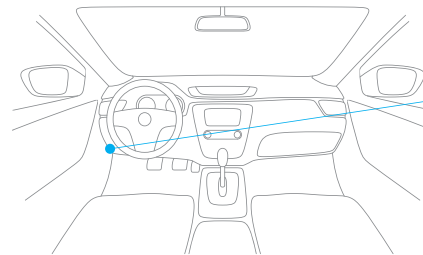
NOTE:
The OBD-II connector fits only one way into the vehicle's OBD-II socket, do not force the fit; observe correct orientation before applying force.

3. Route the wire with USB Type-C plug of the OBD-II Power Cord to the expected recorder mounting location on the windshield.

NOTE:
Leave an extra few inches of cord length near the recorder to insert the Type-C plug. This will allow easier mounting of the AI Recorder.

4. Secure any excess wire after the recorder is mounted.
If your vehicle is also using an OBD Telematics Unit, you may also need to add an in-line Y Adapter Cable for both devices to connect to the vehicle BUS system.

J1939 Power Cord



The J1939

1. Locate the J1939 socket in your vehicle, normally it's in the left knee place.
2. Insert the J1939 Plug into the socket firmly.

NOTE:
The J1939 connector fits only one way to the vehicle's J1939 socket, do not force the fit; observe correct orientation before applying force.

3. Route the wire with USB Type-C plug of the J1939 Power Cord to the expected recorder mounting location on the windshield.

NOTE:

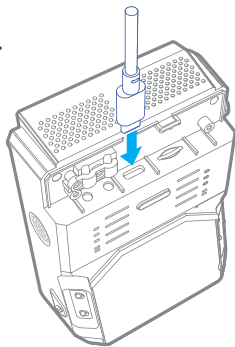
Leave an extra few inches of cord length near the recorder to insert the Type-C plug. This will allow easier mounting of the AI Recorder.

4. Secure any excess wire after the recorder is mounted.
If your vehicle is also using a J1939 Telematics Unit, you may also need to add an in-line Y Adapter Cable for both devices to connect to the vehicle BUS system.

3 Connect power to the AI Recorder

For optimal performance, please ensure the power cord is firmly and securely fitted into the recorder Power Socket.

1. Insert the Type-C plug into the AI Recorder Power Socket.
2. Turn on the vehicle, the camera LED will illuminate Blue and then turn red if a SD card is inserted.
3. Use the GPS Trackit VidFleet APP to conduct a Power Test.
4. If the Camera LED does not turn Red or there's SD error message shown on the GPS Trackit VidFleet App screen, try to reinsert and/or replace SD card.
5. Reinstall the security panel in place after all testing has been completed.
6. Lock the Security Panel with the torx screws provided.



4 Mount the AI Recorder Mount Plate/Wedge Mount Plate

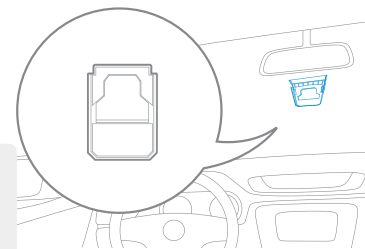
1. Find a suitable location: It's recommended to mount the camera slightly below the drivers side of the rear view mirror. Pay special attention that the adhesive area will be on a flat and clean part of the windshield with no printing. Surface preparation and cleaning is extremely important. If the windshield is not properly prepared the adhesive pad may loose adhesian over time.
2. Use a glass cleaner or rubbing alcohol to make sure the surface is completely dry before trying to adhere the windshield mount.
3. The recorder includes two mounting plates based on the angle of the windshield. Please choose the mounting plate which best matches the angle of your windshield. The camera after installation should be in a natural up and down position. Large heavy duty vehicles should use the Flat mounting bracket. Small sporty vehicles should choose the Wedge mount plate.
4. Remove the 3M sticker to expose the AI Recorder Mount Plate's adhesive.
5. Attach AI Recorder Mount Plate to the windshield.
6. Press firmly on tape area against windshield to firmly secure tape and mount.

IMPORTANT NOTE:

The installation location of your camera needs to comply with state and federal regulations. Please contact your supplier for details if you are unsure.

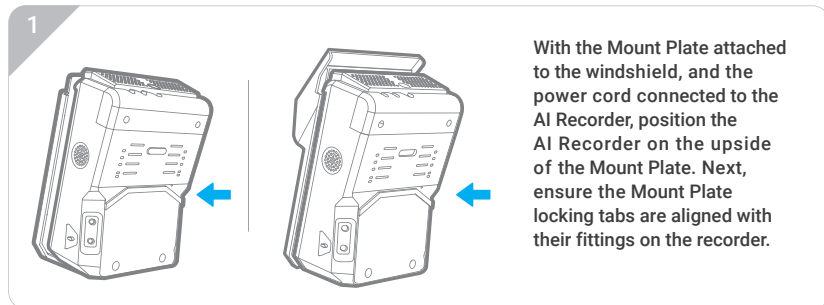
NOTE:

1. The Flat Mount Plate is already attached to the AI Recorder and must be removed to use the Wedge Mount.
2. To Remove the Mount Plate, place two thumbs on the mount plate and apply downward pressure to detach it from the AI Recorder.



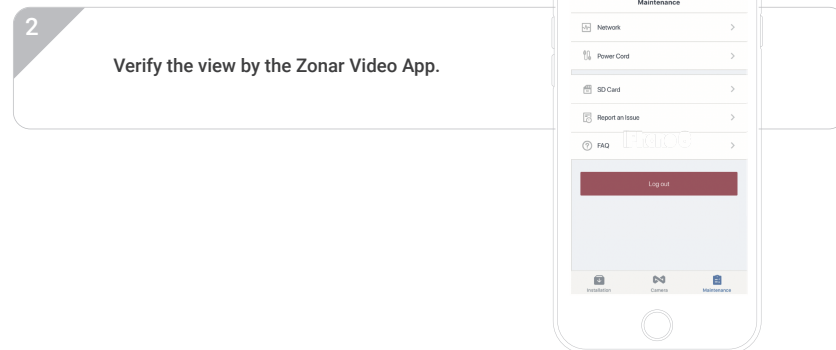
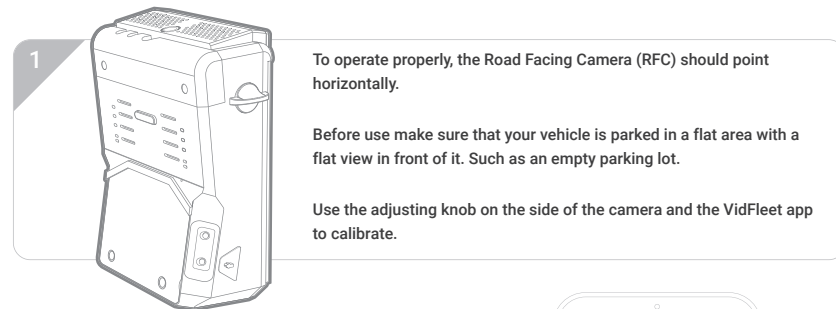
5 Attach the AI Recorder to the Mount Plate/the Wedge Mount Plate

Please choose the right mount plate based on the rake of the windshield.



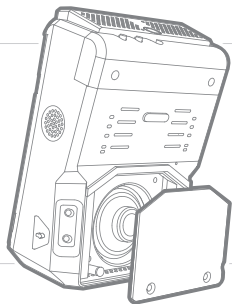
- ⚠ Please ensure the AI Recorder is installed properly and firmly attached to the windshield prior to operating the vehicle.
Be sure to make any adjustments to the angle or position of the recorder prior to operating the vehicle.

6 Calibrate Road Facing Camera Angle



7 Calibrate Driver Facing Camera Angle

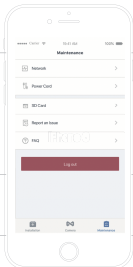
1



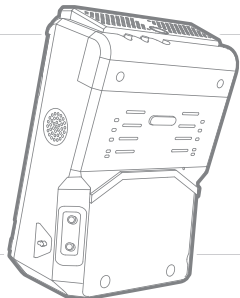
The Driver Facing Camera's angle can be adjusted directly by removing the Driver Lens Protector, then using a finger to adjust the Driver Facing Camera angle. Adjust the camera angle so that its horizontally parallel to the vehicle cabin.

2

Verify the view by the Zonar Video App.



3



Insert the Driver Lens Protector into the slot. And secure it with the provided screws.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not operate in conjunction with any other antenna or transmitter.