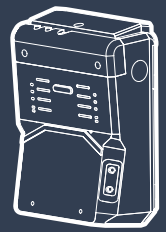
Connect your AI Recorder using this WiFi SSID and password, making sure to keep them in a safe place for future reference.

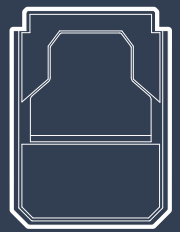
AI Recorder

Installation Guide ▸

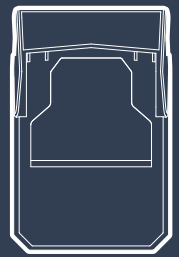
What's included with the AI Recorder



AI Recorder



AI Recorder
Mount Plate &
Adhesive



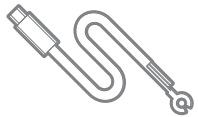
AI Recorder
Wedge Mount Plate &
Adhesive

Please ensure the AI Recorder and any necessary power components are secured and out of reach of passengers.

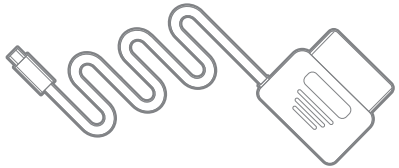
Mini Philips Allen Key

Installation Guide

Power Cord (one of below)

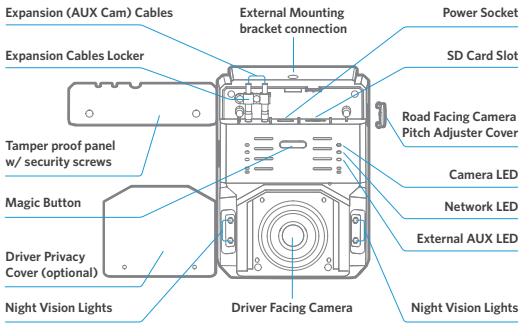


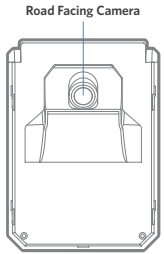
Direct Wire Power Cord



OBD-II Power Cord (Optional)

AI Recorder Overview





Magic Button

Click × 1	Force power on
Click × 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

Install Waylens Fleet App to verify the AI Recorder installation

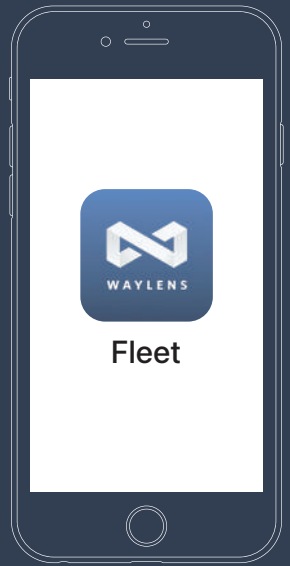
The Waylens Fleet App is the companion to the AI Recorder, providing the fleet administrator with an easy way to install, maintain, and diagnose the AI Recorder.

Download on the App Store

Get it on Google play

Installation Check Points:

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



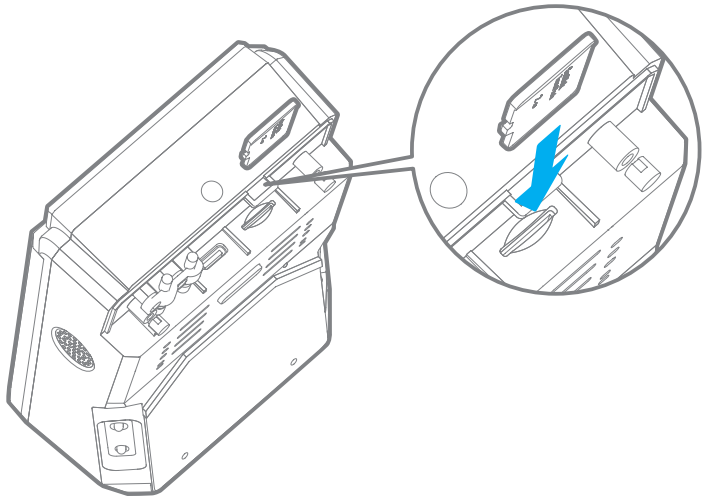
Do not use mobile devices to access the AI Recorder while operating the vehicle. Park your vehicle in a safe location before accessing the App. Simply connect to the wifi network broadcasted by the AI recorder and then open the Waylens Fleet App. The wifi network name and password can be located on the camera label, or on the back of this installation guide.

Installing your AI Recorder

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

❶ Insert the microSD card (if not already installed)

The new microSD card will be automatically formatted when the first time it was inserted to AI Recorder.
Do not remove the microSD card while the AI Recorder is recording (the status LED illuminates red).



Waylens requires a high endurance micro SD card (class 10 or higher MLC microSD card 32-512 GB), designed for continuous recording applications. While other cards will technically work with the AI Recorder, they are much more prone to card errors and failures.

❷ Install power in the vehicle

Direct Wire Power Cord

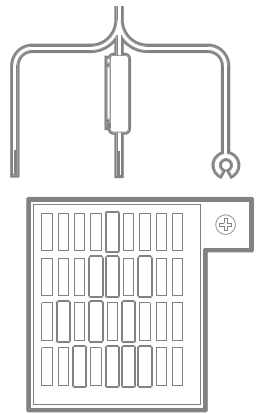
1. Make sure the vehicle is off.

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:
The recorder should only be wired on a fuse circuit which is non-essential.
The users should never install the recorder on any safety system such as airbag, anti-lock braking systems, vehicle lights, driver assistance systems.

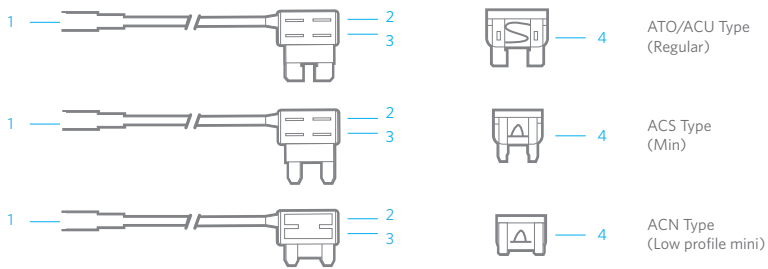
NOTE:
Professional installation assistance is recommended, if you are not familiar with identifying fuses in a vehicle and installing power system related items.

3. Connect the red 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.

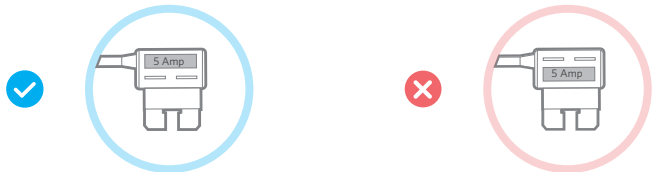
d. Select the right Fuse Tap Cable for your vehicle.



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

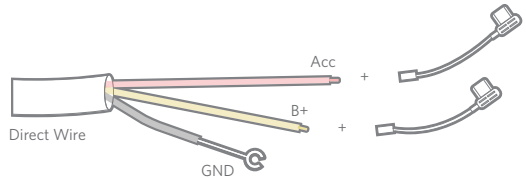
f. Insert the identified vehicle fuse into slot 3 on the Fuse Tap Cable.

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 yellow 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.

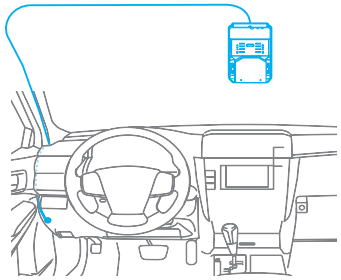
b. Verify the fuse is a constant fuse by a multimeter to track voltage within the circuit across ignitions ON and OFF positions.

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 yellow 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 framework.

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

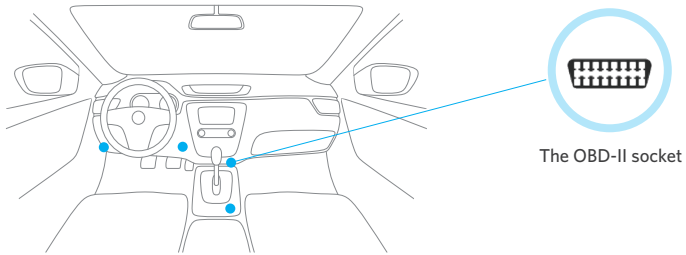


NOTE:
Leave an extra few inches of cord length near the camera to insert the Type-C plug into the AI Recorder's Power socket, and also to make mounting and dismounting the AI Recorder easier.

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

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 into the AI Recorder, and also to make mounting and dismounting the recorder easier.

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.

❸ 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.

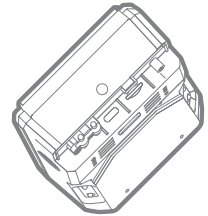
2. Turn on the vehicle, the camera LED will illuminate blue and then turn red if a SD card is inserted.

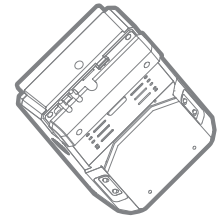
3. Using Waylens Fleet APP do a Power Test.

4. If Camera LED do not turn red or there's SD error message shown on the Waylens Fleet App screen, try to change a good SD card or pull-out/reinsert SD card.

5. Put the Tamper Proof Panel in the place if Power Test is past and no SD Card error in Waylens Fleet App.

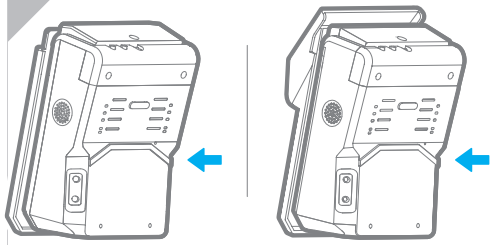
6. Lock the Tamper Proof Panel with the screws provided.





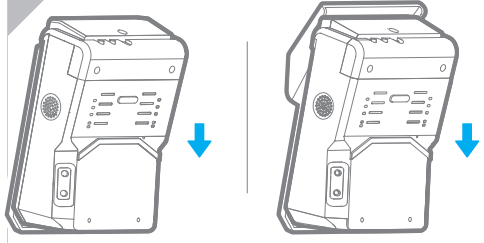
❹ Attach the AI Recorder to the Mount Plate/the Wedge Mount Plate

1



With the Mount Plate/the Wedge Mount Plate attached to the windshield and the power cord connected to the AI Recorder, position the AI Recorder on the upside of the Mount Plate/the Wedge Mount Plate. Next, ensure the Mount Plate/the Wedge Mount Plate locking tabs are aligned with their fittings on the recorder.

2

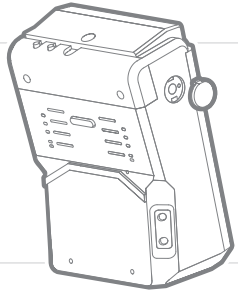


Slide the recorder down to secure it firmly onto the Mount Plate/the Wedge Mount Plate.

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.

❺ Adjust Road Facing Camera orientation

1



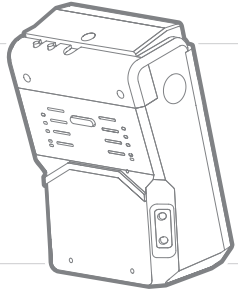
The Road Facing Camera's pitch can be adjusted by enclosed Philips Allen Key. Remove the Adjuster Cover, insert the key, adjust the pitch of the Road Facing Camera.

2

Verify the view by the Waylens Fleet App.

WAYLENS

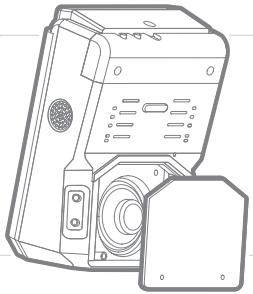
3



Put back the cover.

❻ Adjust Driver Facing Camera orientation

1

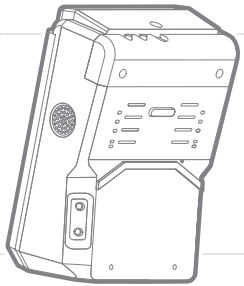


The Driver Facing Camera's pitch and yaw can be adjusted directly. Remove the Driver Privacy Cover, using finger directly adjust the Driver Facing Camera. Adjust the camera angle so that its horizontally parallel to the vehicle cabin.

2

Verify the view by the Waylens Fleet App.

3



Inserting the Driver Privacy Cover top edge into the slot, press it into the place, and then secure it with screws provided.

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.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

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 30cm between the radiator and your body.

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