



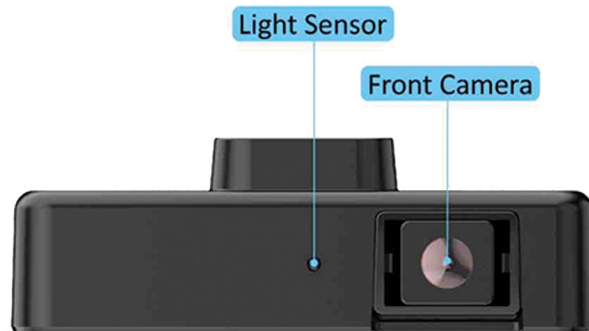
FLEETFLIX AI+ PRO

INSTALL GUIDE

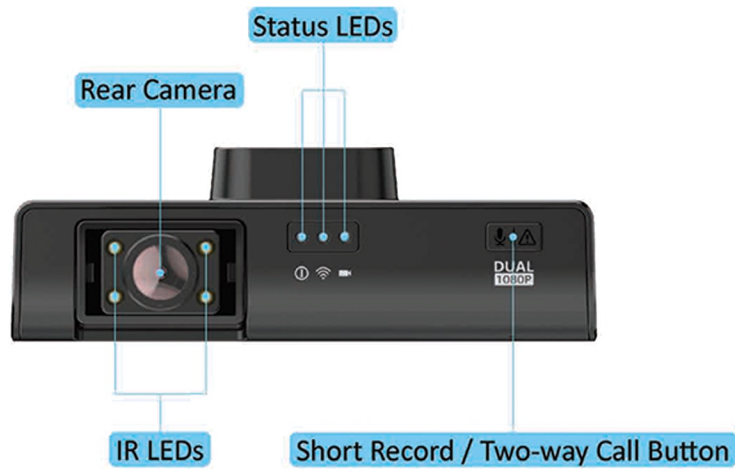




LAYOUT DIAGRAM



Front panel I/O layout



Rear panel I/O layout

The Fleetflix AI+ comes with a speaker located on the left panel.



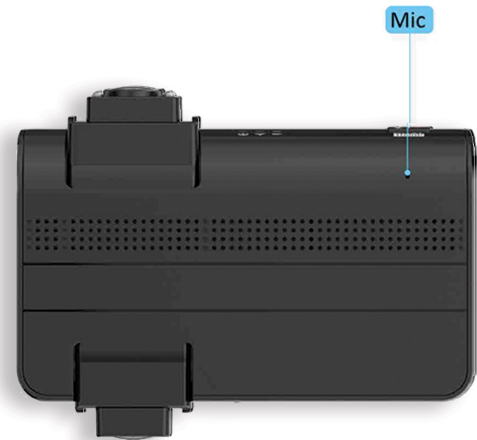
Left panel I/O layout



LAYOUT DIAGRAM



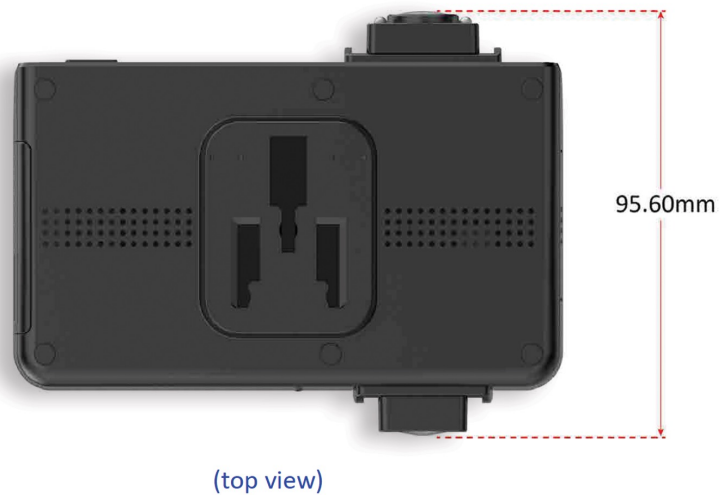
Figure 4: Right panel I/O layout



The Fleetflix AI+ comes with a microphone located on the bottom panel. The diagram of the microphone is shown below.

Figure 5: Bottom panel I/O layout

PRODUCT DIMENSIONS



External I/O Pin Descriptions and Functionality

The FleetFlix AI+ Dash Cam features several interfaces including a Micro USB 2.0 port (debugging), Micro SD card slot, Micro SIM card slot and 12-pin power connector.

Micro USB 2.0 Port

The FleetFlix AI+ is equipped with one Micro USB 2.0 port located on the right panel for debugging. The pinouts of the Micro USB 2.0 port are shown below.

Pin	Signal
1	VBUS
2	D-
3	D+
4	ID
5	GND



Micro USB 2.0 port diagram

Micro USB 2.0 port pinouts

Micro SD Card Slot

The FleetFlix AI+ comes with a Micro SD card slot located on the right panel with support for a maximum storage capacity of 512GB. The pinouts of the Micro SD card slot are shown below.

Pin	Signal
1	DAT2
2	CD/DAT3
3	CMD
4	VDD
5	CLK
6	VSS
7	DAT0
8	DAT1



Micro SD card slot diagram

Micro SD card slot pinouts



Micro SIM Card Slot

The FleetFlix AI+ comes with a Micro SIM card slot located on the right panel that can support a 4G SIM card. The pinouts of the Micro SIM card slot are show below.

Pin	Signal
C1	VDD
C2	RST
C3	CLK
C5	VSS
C6	NC
C7	DATA

Micro SIM card slot pinouts



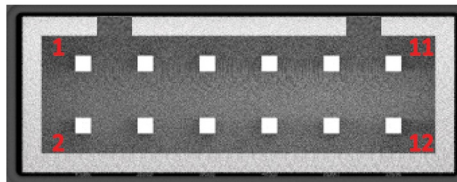
Micro SIM card slot diagram

12-Pin Power Connector

The FleetFlix AI+ comes with a 12-pin power connector. The 12-pin power connector is used for supplying power to the FleetFlix AI+. The pinouts of the 12-pin power connector are shown below.

Pin	Signal
1	GPI
2	VCC
3	GPI
4	VCC
5	GPI
6	ACC
7	GPI
8	GND
9	GPI
10	CAN_H
11	GPO
12	CAN_L

12-pin power connector pinouts



12-pin power connector diagram



LED Status

The FleetFlix AI+ comes with a three LED indicators located on the rear panel to show the status. The three LED indicators states are shown in the diagram below.

LED Indicator States



Calibrate/ Alert Button

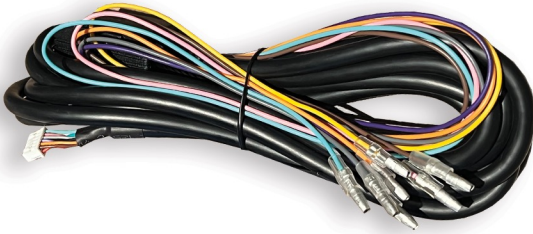
The FleetFlix AI+ comes with a short record button on the rear panel of the camera. When pushed briefly, the camera will capture media from the internal and external cameras. When pushed for more than 3 seconds, an audio alert will be triggered. During install, this button is used for the calibration process, a brief press will trigger. Once the calibration is successful, the button will return to normal functionality.



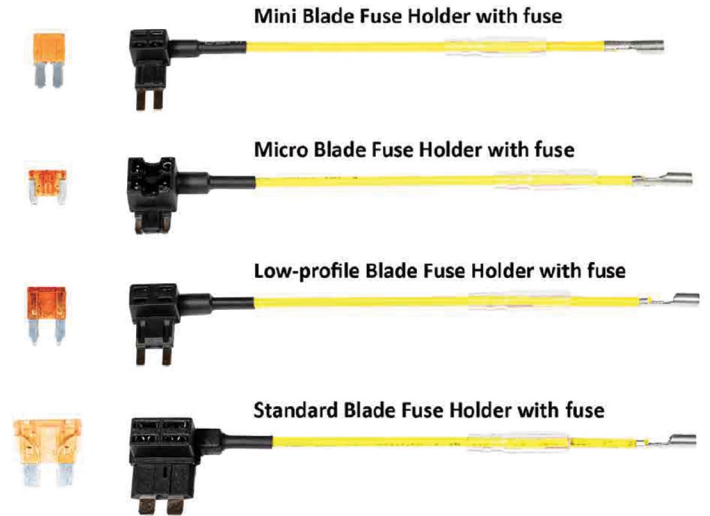
Accessories

The following cables and mounting brackets are included with your FleetFlix AI+.

OBD II Power Cable



Blade Fuse Holder Cables and Fuses



FleetFlix AI+ Truck Mount Clip and Adhesive Tape Mounting Brackets

**FleetFlix AI+ Truck
Mount Clip**



**Adhesive Tape
Mounting Bracket**



Installation

This chapter provides information about the Fleetflix AI+ installation procedures.
(If camera comes pre-installed with SD and SIM cards skip to installing the cables.)

Removing the Right Panel I/O Cover

Step 1

Loosen the screw of the right panel I/O cover with the included allen wrench.



Loosen the screw of the right panel I/O cover

Step 2

Remove the right panel I/O cover.



Removing the right panel I/O cover

Installing the Micro SD Card

The FleetFlix AI+ dash cam supports automatic video recording to a Micro SD card after startup. The camera must use a Micro SD card provided by Fleet Hoster. If another SD card is used, the camera will not work. The SD card typically comes pre-loaded within the FleetFlix device but can be accessed if needed via the Micro SD card slot under the right panel I/O cover.

Step 1

Locate the Micro SD card slot.



Locating the Micro SD card slot

Step 2

Insert a Micro SIM card into the Micro SIM card slot. Use your fingernail to press the card into the slot. When it is fully inserted, the card will snap into the slot.

Installing the 4G Micro SIM Card

(If camera comes pre-installed with SD and SIM cards skip to installing the cables.)

The FleetFlix AI+ dash cam can download maps through a 4G network. To use this feature you need to insert a 4G Micro SIM card into the Micro SIM card slot on the Fleetflix AI+.

Step 1

Locate the Micro SIM card slot.



Locating the Micro SIM card slot

Step 2

Insert a 4G Micro SIM card into the Micro SIM card slot. Use your fingernail to press the card into the slot. When it is fully inserted, the card will snap into the slot.

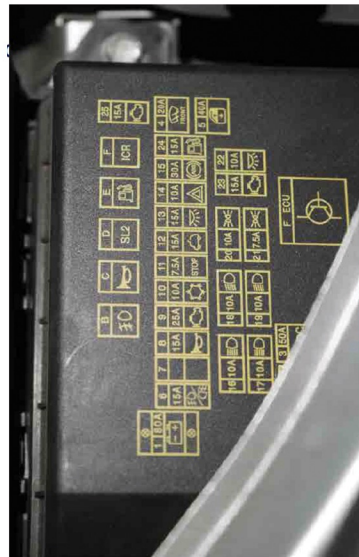
***Ignition Wire no longer needed for Plug-n-Play, only for True Ignition**

Installing the Cables

Using the OBD II Power Cable

Step 1

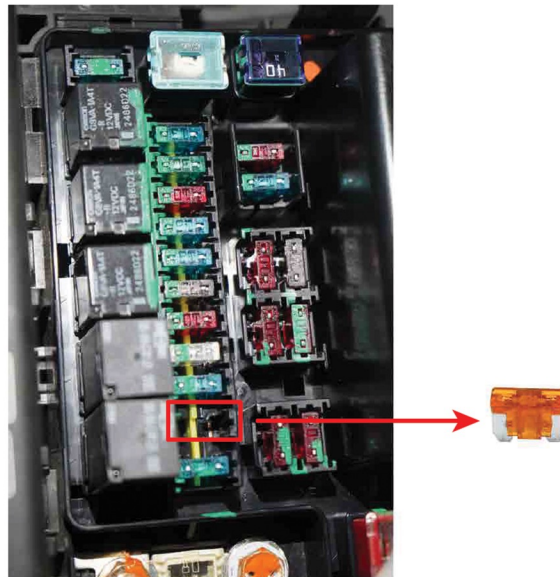
Reference the vehicle's user manual to find the location of the fuse box and OBD II connector. Then check the ACC fuse specification on the fuse box cover.



Vehicle's fuse box

Step 2

Pull out the ACC fuse

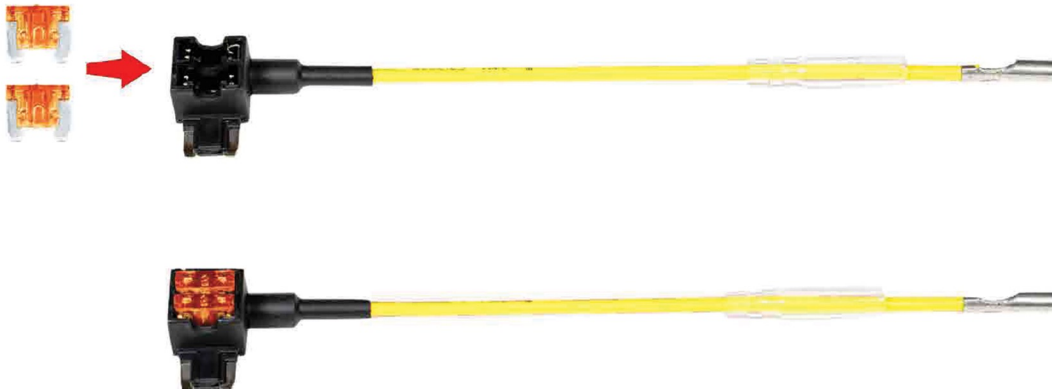


Extracting the ACC fuse from the fuse box

***Ignition Wire no longer needed for Plug-n-Play, only for True Ignition**

Step 3

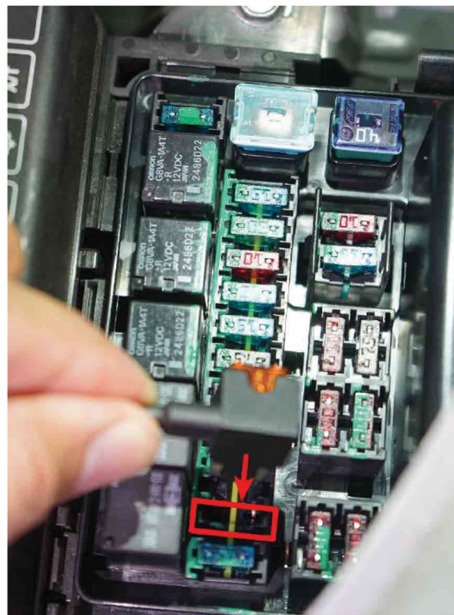
Select the appropriate Blade Fuse Holder cable. Plug in the ACC fuse that was removed from the fuse box into the Blade Fuse Holder cable, and then plug in the other ACC fuse that we provided.



Installing the ACC fuses on the blade fuse holder cable

Step 4

Plug in the Blade Fuse Holder cable into the ACC fuse slot in the fuse box.



Connecting the Blade Fuse Holder cable to the fuse box

Step 5

Remove the right panel I/O cover. For details, refer to section [3.1](#).

Step 6

Feed the 12-pin connector of the OBD II Power Cable through the hole on the right panel I/O cover.



Feeding the 12-pin connector cable through the hole on the I/O cover

Step 7



Plugging in the 12-pin connector of the OBD II Power Cable

Step 8

Reinstall the right panel I/O cover. Make sure to tighten the screw.



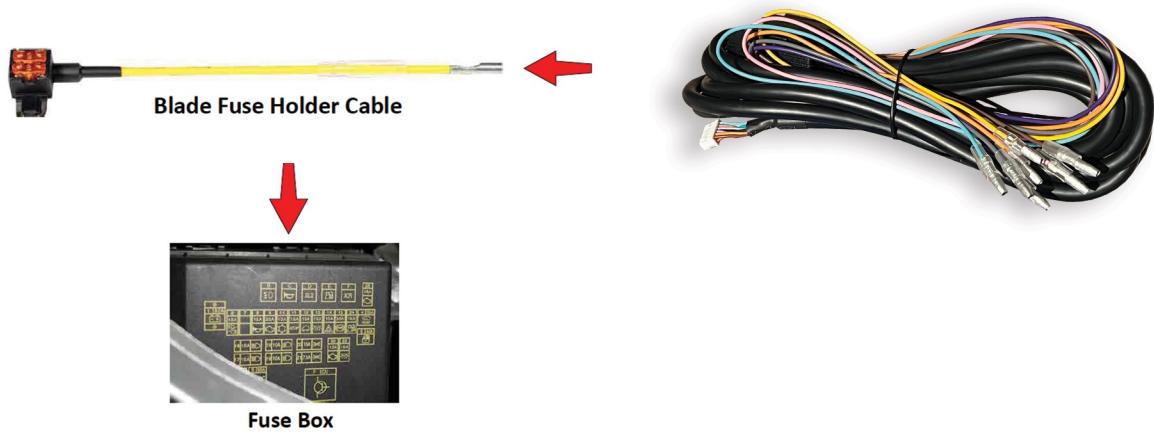
Reinstalling the right panel I/O cover



Step 9

Connect the other end of the OBD II Power Cable to the Blade Fuse Holder cable as shown in the diagram below.

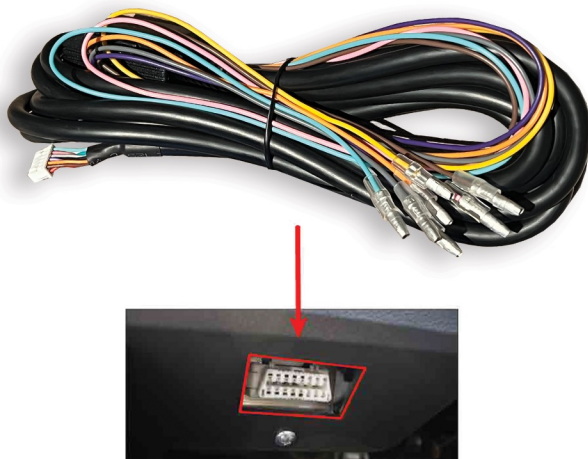
OBD II Power Cable Connections Diagram



Connecting the OBD II Power Cable to the blade fuse holder cable

Step 10

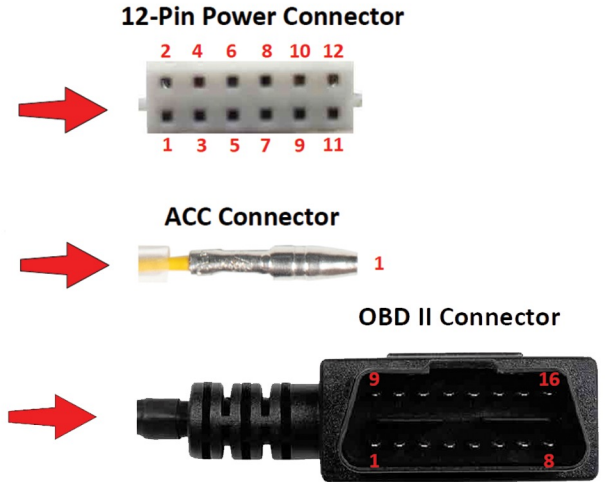
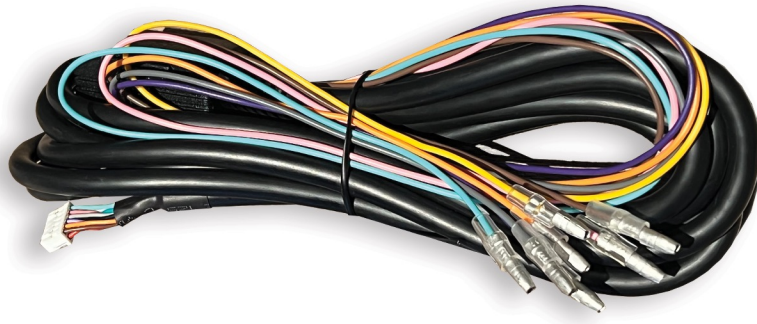
Plug in the OBD II Power Cable to the OBD II connector in the vehicle.



Wire Color Guide for OBD Harness

-  Yellow Input Ignition ACC1 Connector
-  Gray Wire Input 3 Dedicated Left Blinker
-  Pink Input 2 Dedicated Right Blinker
-  Orange Input 5
-  Purple Input 4
-  Blue Input
-  Green Input
-  Brown Output 1

Plugging in the OBD II Power Cable to the OBD II connector



OBD II power cable's connectors

	12-Pin Power Connector	ACC Connector	OBD II Connector	Cable AWG
Signal Name	Pin No.	Pin No.	Pin No.	UL Type and Color
B+	2 & 4	-	16	UL1007 22AWG Red and Blue
GND	8	-	5	UL1007 22AWG Black
ACC-IN	6	1	-	UL1007 22AWG Yellow (Connect to vehicle's Fuse Box)
CAN_L	12	-	14	UL1007 26AWG White
CAN_H	10	-	6	UL1007 26AWG Green
-	1, 3, 5, 7, 9 & 11	-	1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 13 & 15	-

OBD II power cable's connectors pinouts



Reminder:

After connecting the ACC connector of the OBD II power cable to the Bladed Fuse Holder cable, slide on the plastic protective covers to cover the connection point.

If utilizing one of our 4WOBDK or 4W9POBDK harnesses please reference the below layout guide for the correct port/plug installation

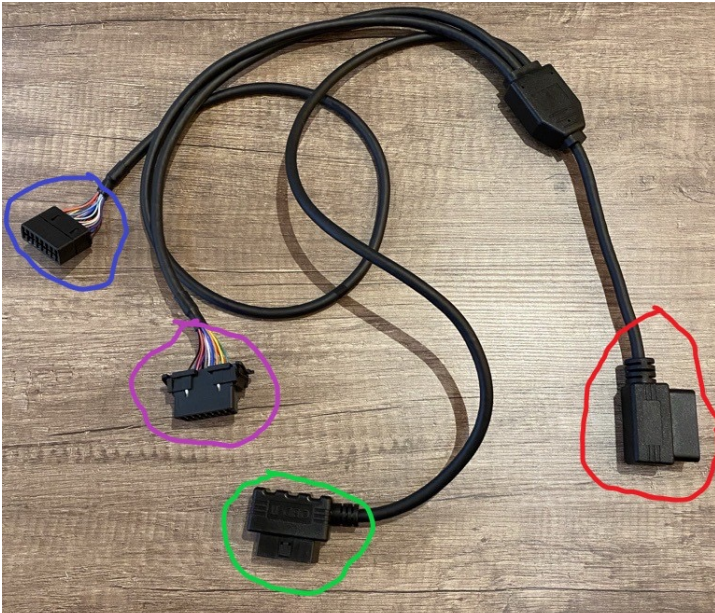
4WOBDK

Blue- Left Open for Diagnostics

Green- For OBD Tracker/GO9

Purple- For FleetFlix Camera

Red- To Vehicle Port



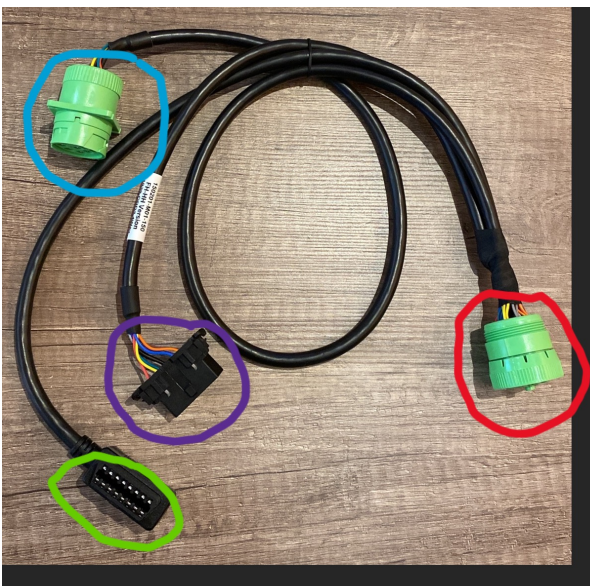
4W9POBDK

Blue- Left Open for Diagnostics

Green- For OBD Tracker/GO9

Purple- For FleetFlix Camera

Red- To Vehicle Port





Mounting

Step 1

Attach the adhesive tape mounting bracket onto the FleetFlix AI+.

FleetFlix AI+ Truck Mount Clip



Adhesive Tape Mounting Bracket



Installing the mounting bracket

Step 2

Install the device in the center of the windshield below the rearview mirror. (it is recommended to use Alcohol to clean the glass before mounting the device.)



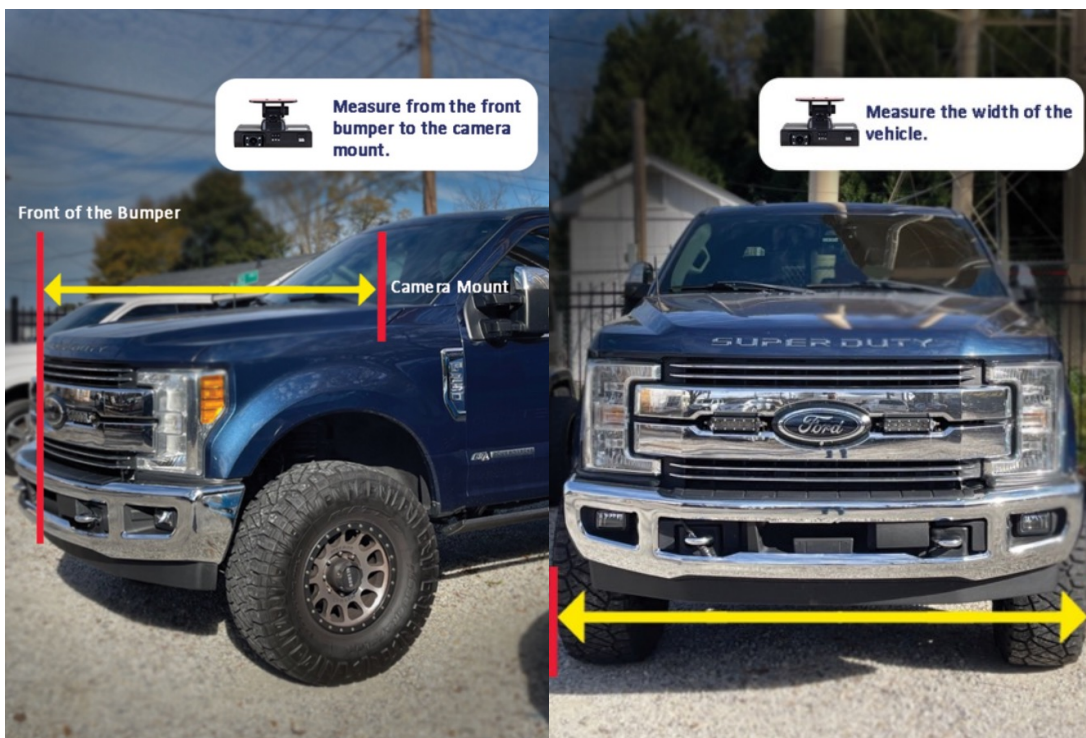
Mounting



Measurement Guide for Camera Calibration

After installation is complete, the following measurements are needed:

- **Length from Camera Mount to Front of Vehicle (in)** – the distance from the front lens of the camera and the front bumper
- **Width of Vehicle (in)** – the total width of the vehicle at its widest point in front of the camera (typically wheel arch to wheel arch)
- **Height from Camera Mount to Ground (in)** – the distance from the ground to the bottom of the camera

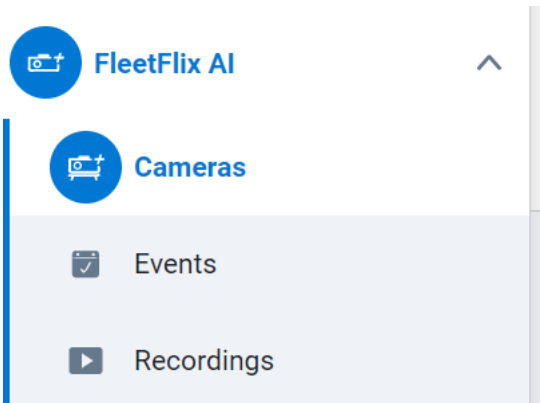




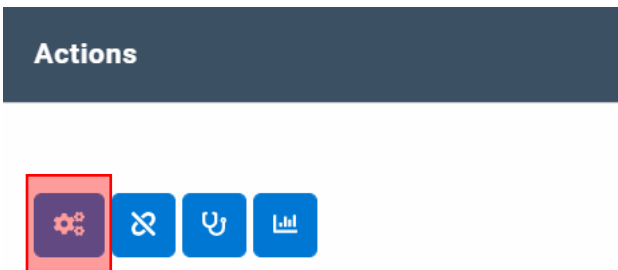
Entering Measurements into FleetFlix AI+ Add-in

Once the proper measurements are gathered, enter the measurements into the FleetFlix Add-in under the “Measurements” tab in the Cameras settings.

To get to the “Measurements” tab, click “Cameras” under the Geotab FleetFlix Add-in.



Next, select the “Settings” icon under the “Actions” column for the specific camera measurements were taken for.



Finally, click the “Measurements” tab, enter the measurements, and then click “Save.”

Save Cancel Calibrate Firmware Update Camera Update Reboot Camera Power Off **Clear Uploads**

Camera Edit

Camera Rule Settings **Measurements**

Width of Vehicle (in) ⓘ

Height from Camera Mount to Ground (in) ⓘ

Length from Camera Mount to Front of Vehicle (in) ⓘ



CALIBRATION IS REQUIRED



To Start Calibration

The vehicle should be driven on the following road parameters:

- Good contrast for lane markers
- Capable of supporting 30+ mph for 3-5 minutes
- Avoids hills or turns
- Reasonable weather
- Light traffic

Step 1

While driving down the road, press and hold the calibrate/alert button (pictured below) on the camera for 3 seconds. The camera will announce “Calibration Started.”



Step 2

The vehicle will need to be driven up to a few minutes during calibration process.

Step 3

After the vehicle is driven within these parameters, the camera will announce “Calibration Successful”. After calibration is complete, the calibrate/alert button will return to the driver alert function.

***If the camera is ever removed or unmounted, calibration will need to be completed again.**