



## Fleet Hoster FleetFlix AI+ Dash Camera Installation Guide

[Home](#) » [Fleet Hoster](#) » Fleet Hoster FleetFlix AI+ Dash Camera Installation Guide 

### Contents

- 1 Fleet Hoster FleetFlix AI+ Dash Camera
- 2 Product Information: FleetFlix AI+ Dash Cam
- 3 Product Usage Instructions
- 4 LAYOUT DIAGRAM
- 5 PRODUCT DIMENSIONS
- 6 External I/O Pin Descriptions and Functionality
- 7 LED Status
- 8 Accessories
- 9 Installation
- 10 Installing the Cables
- 11 Mounting
- 12 Measurement Guide for Camera Calibration
- 13 Documents / Resources
- 14 Related Posts



**Fleet Hoster FleetFlix AI+ Dash Camera**



## Product Information: FleetFlix AI+ Dash Cam

The FleetFlix AI+ Dash Cam is a device that records video and captures media from the internal and external cameras. It comes with LED indicator states to indicate its status. The camera supports automatic video recording to a Micro SD card after startup. It also has a record button on the rear panel of the camera for capturing media. The device requires calibration during installation and needs to be driven within certain parameters for calibration to be successful.

### LED Indicator States:

- Camera Start/Bootup: All 3 lights flashing (Red, Orange, and Green)
- Live Stream: Flashing Green
- Firmware Update/Mobile Network Startup: Red flashing and Solid Green
- Stand By: Solid Red
- Camera Online and Recording: Solid Green
- Offline: No Lights
- Camera Online and Not Recording/SD Error: Red and Orange flashing
- Sensor/GPS Error: Red and Orange flashing, Solid Green

## Product Usage Instructions

### Mounting the Camera:

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

### Entering Measurements into FleetFlix AI+ Add-in:

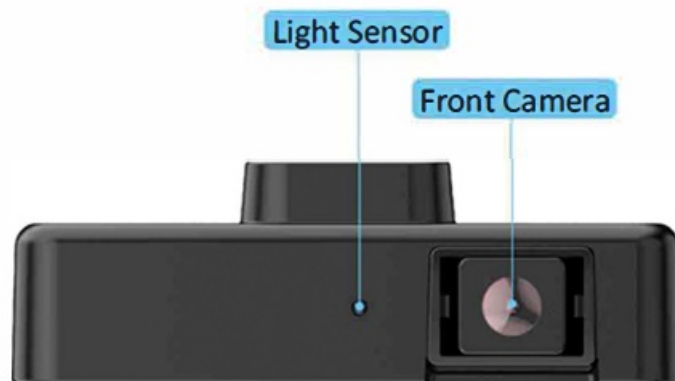
1. Gather proper measurements of the vehicle.
2. Enter the measurements into the FleetFlix Add-in under the Measurements tab in the Cameras settings. To get to the Measurements tab, click Cameras under the Geotab FleetFlix Add-in.
3. Select the Settings icon under the Actions column for the specific camera measurements were taken for.
4. Click the Measurements tab, enter the measurements, and then click Save.

## Calibration Process:

1. During installation, the record button is used for the calibration process. A brief press will trigger it.
2. The vehicle will need to be driven up to a few minutes during calibration process.
3. After the vehicle is driven within these parameters, the camera will announce Calibration Successful.
4. After calibration is complete, the calibrate/alert button will return to the driver alert function.
5. If the camera is ever removed or unmounted, calibration will need to be completed again.

**Note:** If the camera comes pre-installed with SD and SIM cards, skip to installing the cables. Also, the camera must use a Micro SD card provided by Fleet Hoster. If another SD card is used, the camera will not work.

## LAYOUT DIAGRAM



Front panel 1/0 layout



Rear panel 1/0 layout

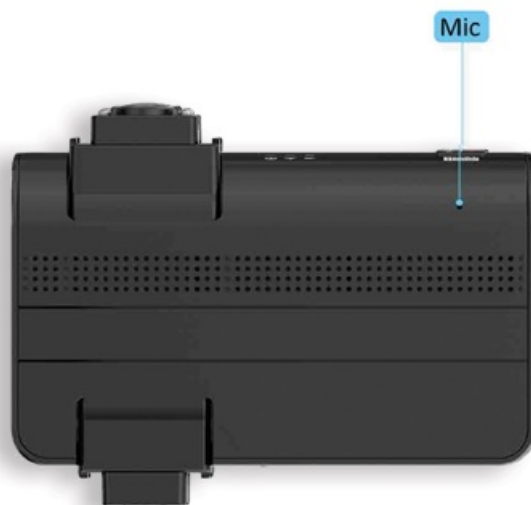
The Fleetflic AI+ comes with a speaker located on the left panel.



Left panel I/O layout



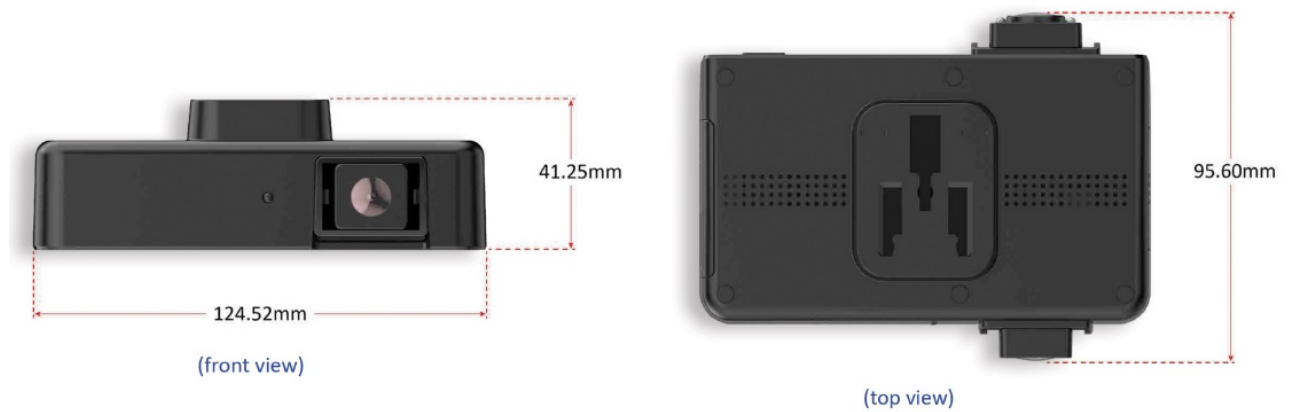
Figure 4: Right panel I/O layout



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 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 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 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 pinouts



Micro SD card slot diagram

### Micro SIM Card Slot

The 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



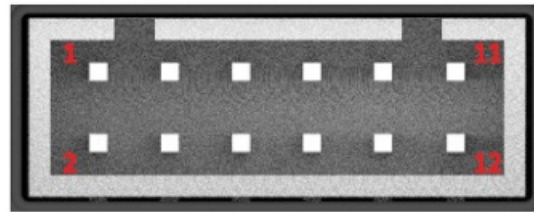
Micro SIM card slot diagram

### 12-Pin Power Connector

The comes with a 12-pin power connector. The 12-pin power connector is used for supplying power to the . 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

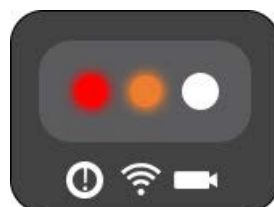
## LED Status

The 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.

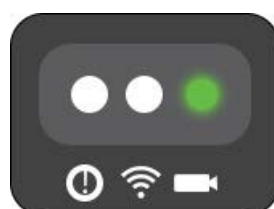
- Camera Start/Bootup All 3 lights flashing (Red, Orange, and Green)



- Firmware Update/Mobile Network Startup Red flashing and Solid Green



- Camera Online and Recording Solid Green



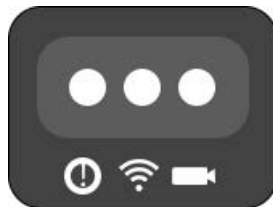
- Camera Online and Not Recording/SD Error Red and Orange flashing



- Live Stream Flashing Green



- Stand By Solid Red



- Offline No Lights



- Sensor/GPS Error Red and Orange flashing, Solid Green

### **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.

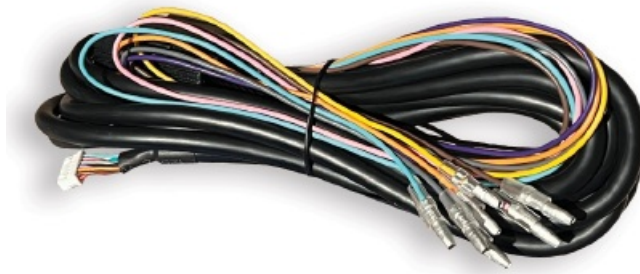


### **Accessories**

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.

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 Alt.

### Step 1

Locate the Micro SIM card slot.

Locate the Micro SIM card slot.



Locating the Micro SIM card slot

### Step 2

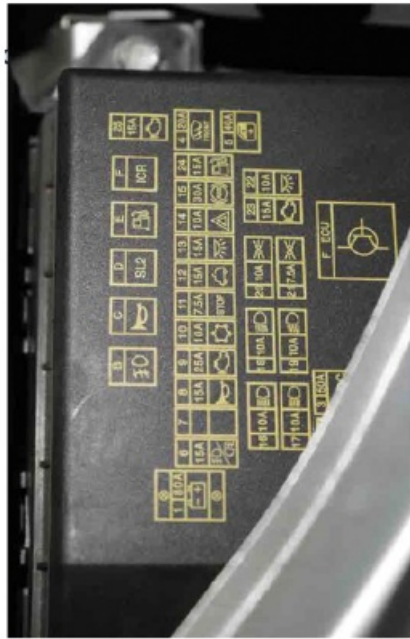
Insert a 4G Micro SIM card into the Micro SIM card slot. Use your fingernail to press the card into the slot. When it is fully inserted, the card will snap into the slot.

### 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.

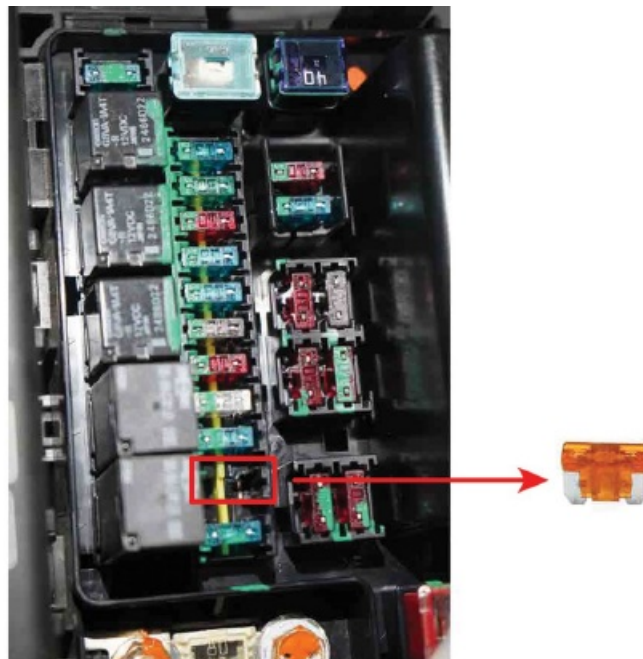


Vehicle's fuse box

### Step 2

Pull out the ACC fuse

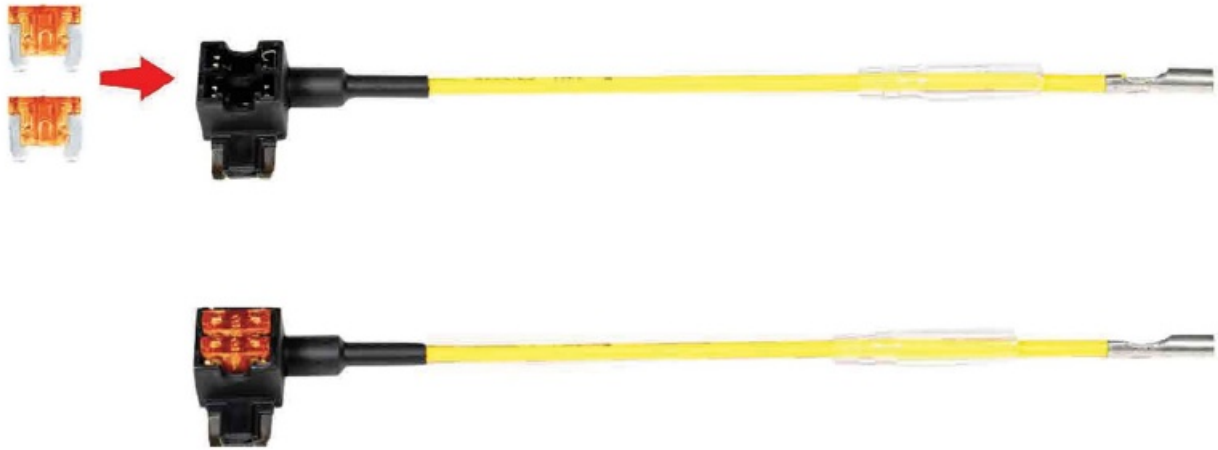
Pull out the ACC fuse



Extracting the ACC fuse from the fuse box

### Step 3

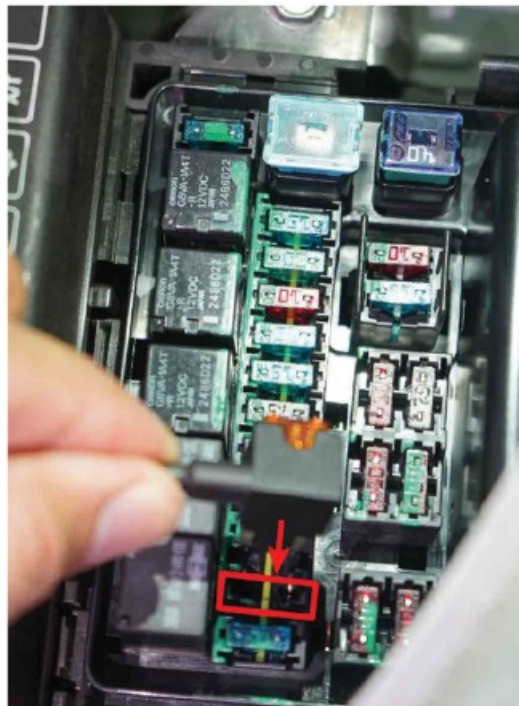
Select the appropriate Blade Fuse Holder cable. Plug in the ACC fuse that was removed from the fuse box into the Blade Fuse Holder cable, and then plug in the other ACC fuse that we provided.



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

### Step8

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



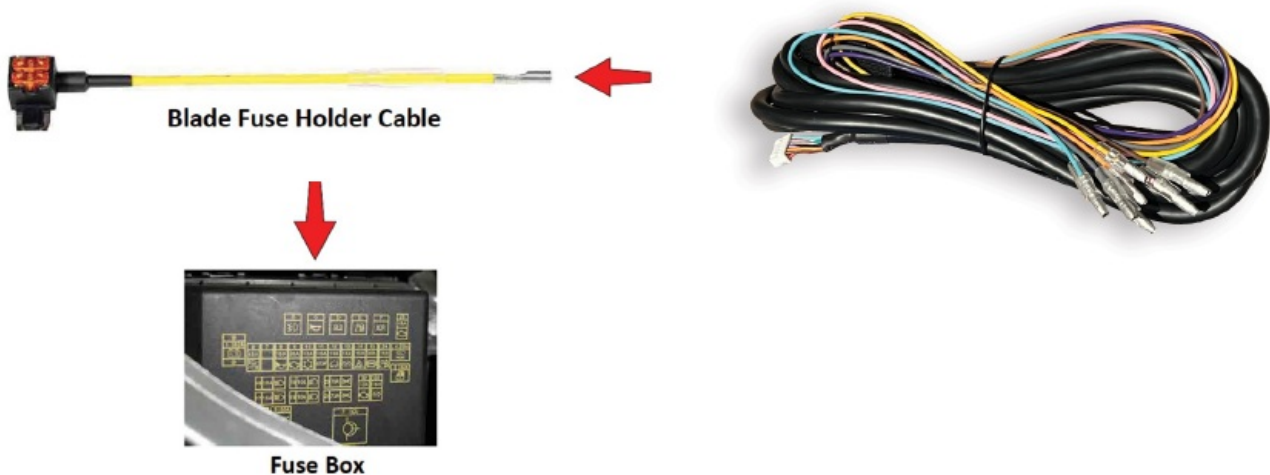


Reinstalling the right panel I/O cover

### Step 9

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

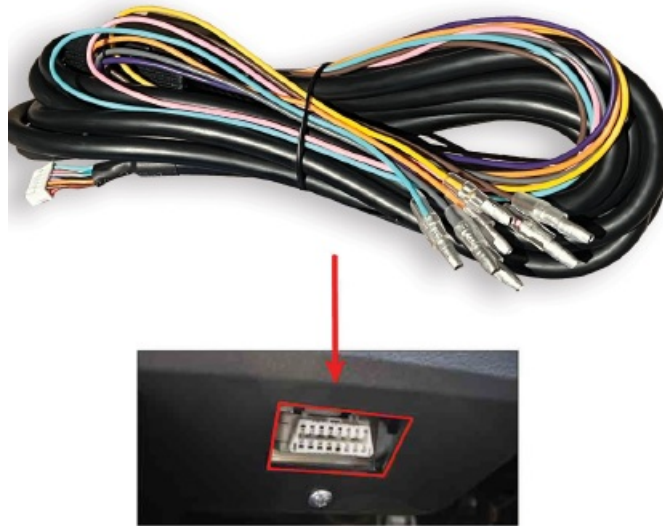
### OBD II Power Cable Connections Diagram



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.

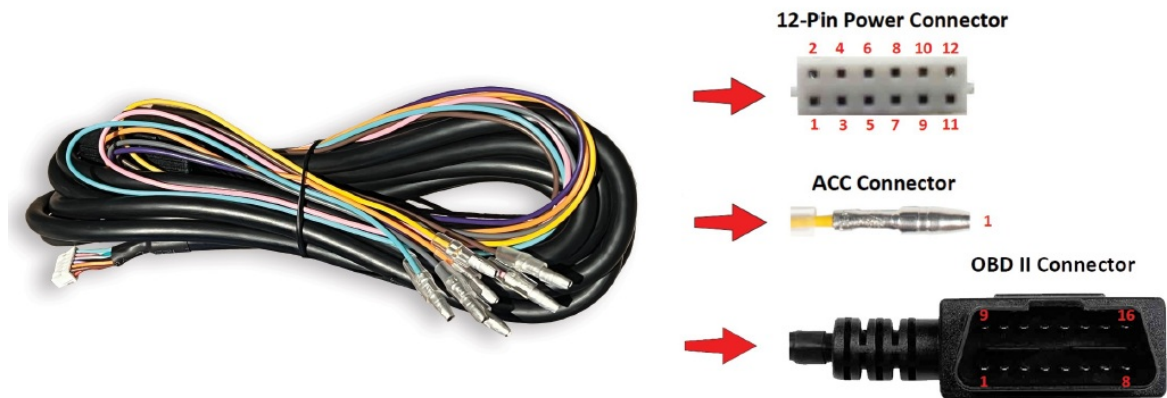


Plugging in the OBD II Power Cable to the OBD II connector

#### 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





OBD II power cable's connectors

OBD II power cable's connectors pinouts

	12-Pin Power Connector	ACC Connector	OBD II Connector	CableAWG
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	– (Connect to vehicle's Fuse Box)	UL1007 22AWG Yellow
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, 15	– 12, 13 & 15

#### 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.

## 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

## Step2

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



Mounting



## Measurement Guide for Camera Calibration

After installation is complete, the following measurements are needed:

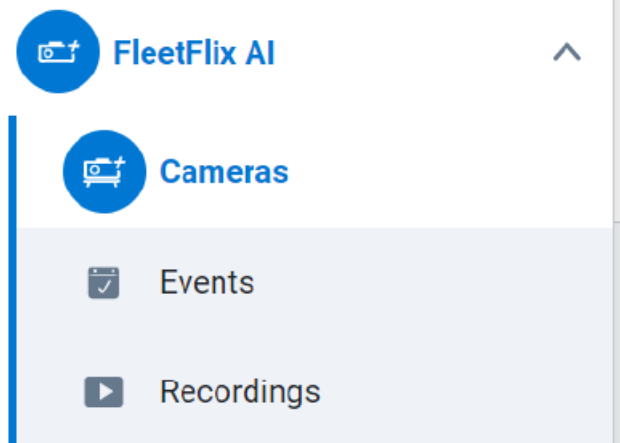
- Length from Camera Mount to Front of Vehicle (in) – the distance from the front lens of the camera and the front bumper
- Width of Vehicle (in) – the total width of the vehicle at its widest point in front of the camera (typically wheel arch to wheel arch)
- Height from Camera Mount to Ground (in)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

A screenshot of the 'Camera Edit' form in the FleetFlix AI interface. At the top, there's a row of buttons: 'Save' (blue), 'Cancel' (white), 'Calibrate' (white), 'Firmware Update' (white), 'Camera Update' (white), 'Reboot Camera' (white), 'Power Off' (white), and 'Clear Uploads' (red). Below the buttons, the title 'Camera Edit' is displayed. Underneath, there are three tabs: 'Camera', 'Rule Settings', and 'Measurements' (highlighted with a red square). The 'Measurements' tab contains three input fields: 'Width of Vehicle (in)', 'Height from Camera Mount to Ground (in)', and 'Length from Camera Mount to Front of Vehicle (in)'. Each input field has an information icon (i) to its right.

## 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.

**Documents / Resources**

	<p><a href="#">Fleet Hoster FleetFlix AI+ Dash Camera</a> [pdf] Installation Guide FleetFlix AI Dash Camera, FleetFlix AI, Dash Camera, Camera</p>
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