



VT-230 & VT-130 INSTALLATION GUIDE



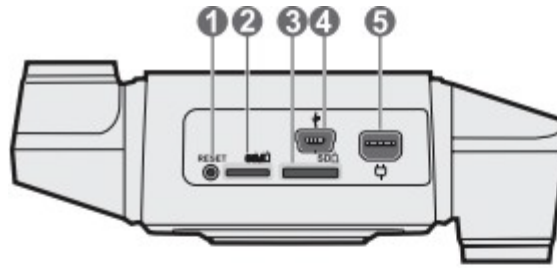
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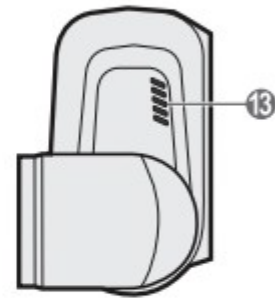
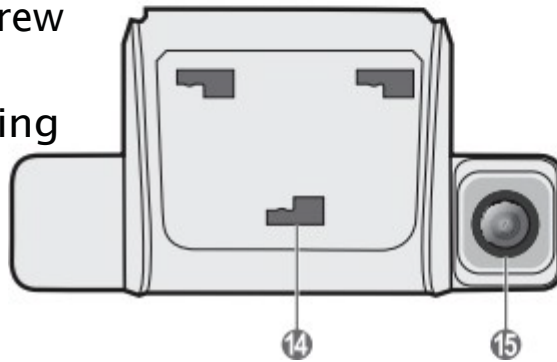
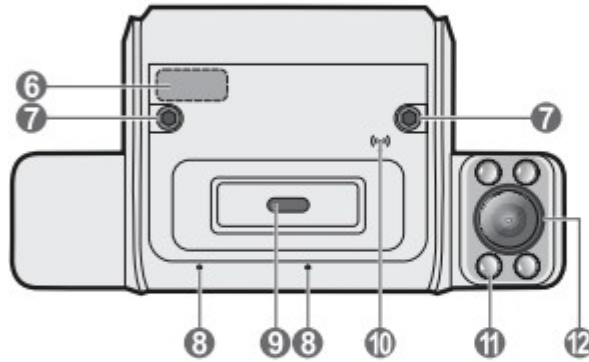
support@fleetcomplete.com

Product Overview

1. Reset button
2. SIM card Slot
3. MicroSD Slot
4. Rear Camera connector
5. Charging/ Data port



6. NFC sensor
7. Camera locking screw
8. Microphone
9. Emergency recording indicator/button
10. WIFI/mobile broadband indicator
- 11.



- Infrared illuminator
12. Driver facing camera
 13. Speaker
 14. Mounting slot (x3)
 15. Road facing camera

What is inside the Box?

- VT-230 Dual-Facing camera
 - OR
- VT-130 (Single-Facing) camera
 - USB power cable
- FC Vision mating cable to OBD
 - Allen key
 - Mounting plate

Mounting & Adjusting your Camera Lens

1

Peel the film off from the back of the mounting plate.



2

Clean the windshield area with a dry cloth. If you notice dirt or particles, clean the area first with a damp cloth, again with a dry cloth to ensure a good adhesive mount. For extreme cold temperatures (-20° C & -4°F) turn your heater on and allow the cabin to warm up before mounting your camera.



3

See page 7 to identify proper camera alignment using the Vision App Camera preview. Then you can safely affix your mounting plate.



4

Attach the camera to the mounting plate by matching the positions of the three mounting holes on the back of the camera with the hook on the rear plate. Slide the camera to the left to lock it in place.



Mounting & Adjusting your Camera Lens

5

Peel the film from the driver facing camera lens (where applicable) and road-facing Camera lens.



6

Using the Allen key, loosen the camera lens screws so you can adjust your lens positioning. Fasten your screws only once you have completed the Vision camera alignment steps from page 7.



7

Route the cable inside the vehicle. Leave the main connector exposed to where the VT-230 Camera will be installed on the windscreen. The other end should be close to the vehicle's diagnostic port.



8

Route the cable along your windshield frame, ensure the cable is tucked alongside existing wires of the pillar and behind pillar air bag.



11 Mounting & Adjusting your Camera Lens

9

Connect your camera's OBD cable to your Vision Advanced Diagnostic Y-cable by following the labels for Dash Cam & Fleet Tracker. Next, tuck your cables under your dash securing your cables and Fleet tracker with zip ties.



10

Complete your installation by placing the protective peripheral cover over the camera's driver-facing surface.



Screw in the peripheral cover with the Allen key provided to secure the camera and prevent damage.



VT-230 & VT-130 Cables



Connect the end of the Micro USB cable to the camera. Next, connect your 6 pin M8 male receptacle end to the OBD to M8 female receptacle as show in the image.

Once you have your 6 pin M8 cable connected proceed and connect the OBD male end to the Vision Advanced OBD cable labeled "Dashcam".



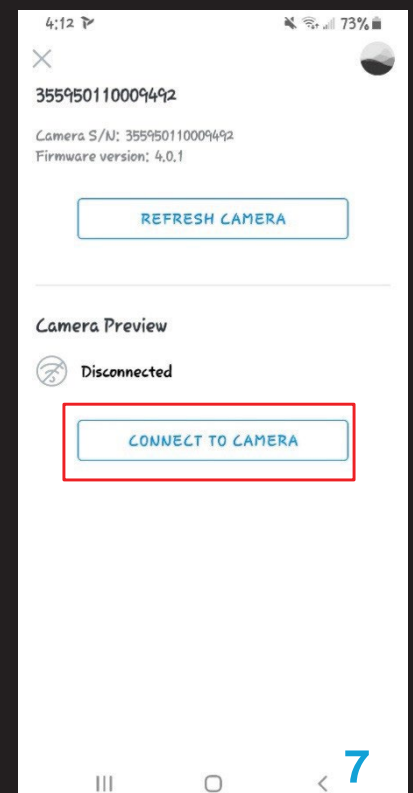
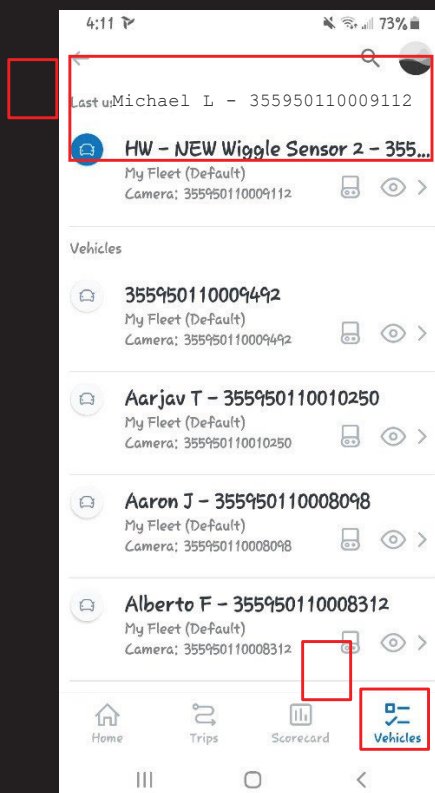
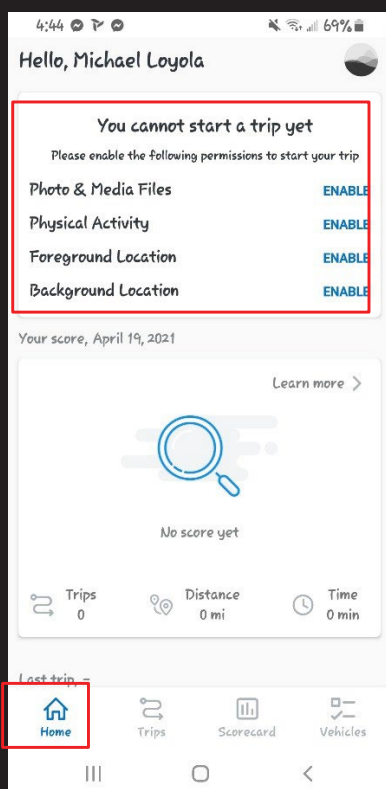
Connect your Fleet tracker to the OBD female end labeled Fleet Tracker if you have one.

Now the M8 receptacle is connected, and your OBD cable is connected to your Vision Advanced Cable. Now, connect the male end of the VT-230 or VT-130 Advanced cable end to the OBD port of your vehicle.

Setting Access Permissions for Android Users

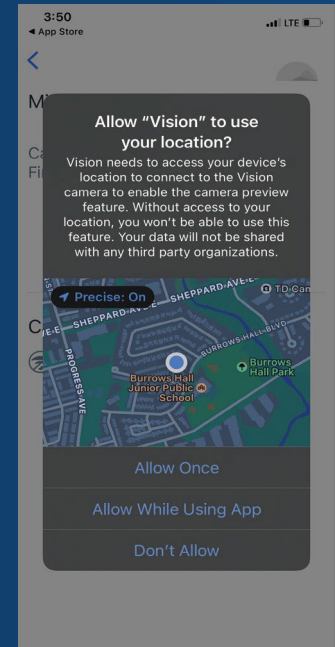
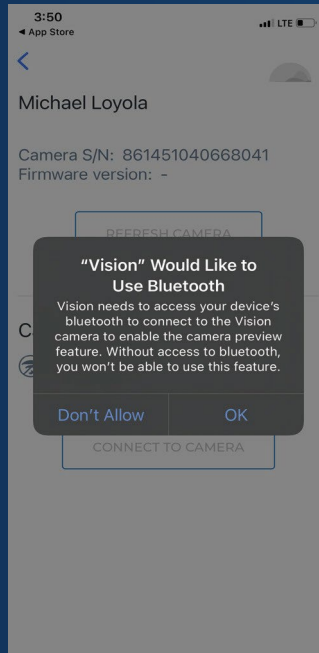
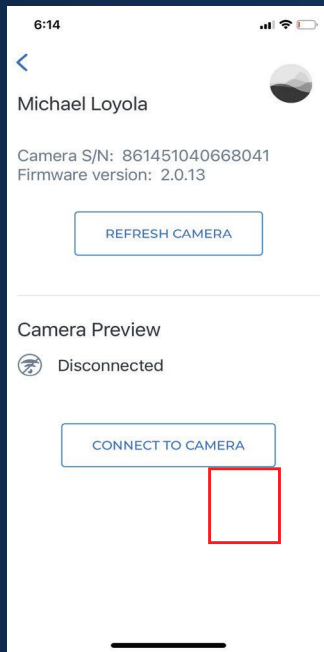
If you are an Android user, once you are logged in, you will notice four buttons at the bottom of your FC Vision App: **Home**, **Trips**, **Scoreboard**, and **Vehicle**. Follow the steps below, using these buttons to navigate to the tab you want.

1. Ensure Wi-Fi & Bluetooth are enabled on your Android smartphone.
2. From the **Home** screen, enable *all* necessary permissions, Agree or allow all permission prompts (Important: **Do not proceed** before you complete this step.
3. Tap on the **Vehicle** button
4. Select your camera from the vehicle list. Next, tap on the Connect button, then the **Camera** button to connect your camera to the FC Vision app. Your camera should connect to the application within a few seconds.



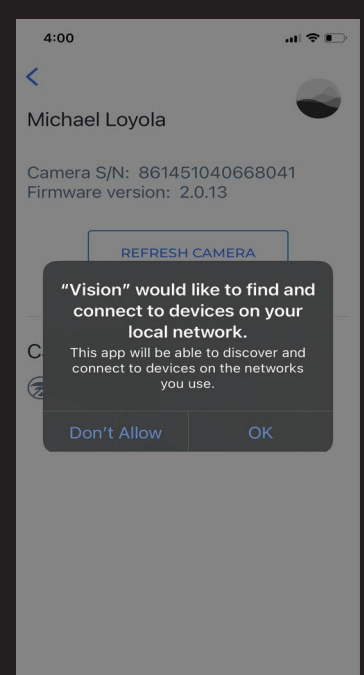
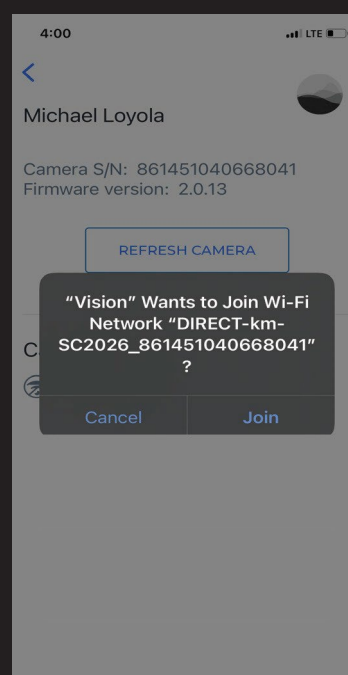
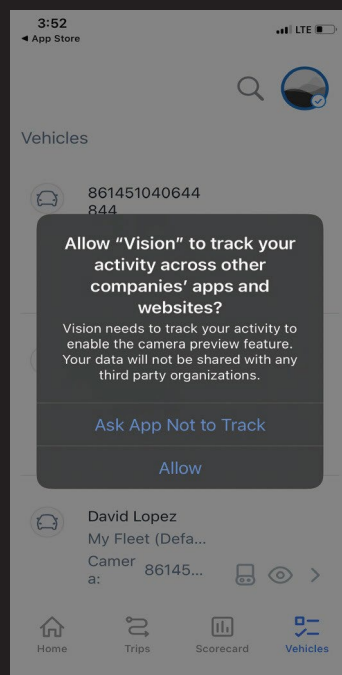
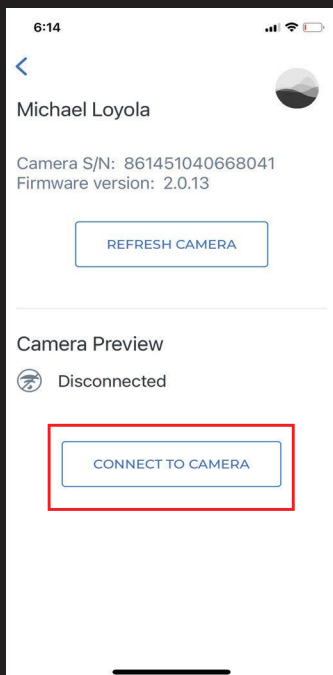
Access and Permissions for iOS Users

iOS users should first enable FC Vision to access their device's Bluetooth, Location and Wi-Fi by accepting the prompts that pop up on their iPhone. Tap on Ok or Allow at each notification prompt. Ensure Bluetooth and Wi-Fi are enabled during this process.



Select your camera by locating your name and vehicle from the list. Tap on the **Connect to Camera** button.

Tap on Allow or Ok to any notification prompt messages that come in.



Camera Alignment

- We recommend you mount the camera on the driver's for ideal visibility. Driver monitoring is often compromised if the camera is mounted closer to the passenger seat.
- For an optimal road-facing sightlines, ensure the camera's driver-facing lens is positioned vertically. The vehicle's windshield angle will determine the vertical positioning.
- Camera mounting on a single facing lens is dependent on the windshield size. For optimal views, use the FC Vision app to align your camera and capture your view of the road.
- Ensure your vehicle's driver-side sun visor does not obstruct your driver-facing lens.
- Please see the diagram of optimal camera mounting points on the next page.

FC Vision Camera Windshield Mounting

✓ Good

✗ Poor



Road View Horizon Line Denotation

The red horizon line should be in the middle or upper half of the image to capture a realistic road view, and is not dominated by the sky.



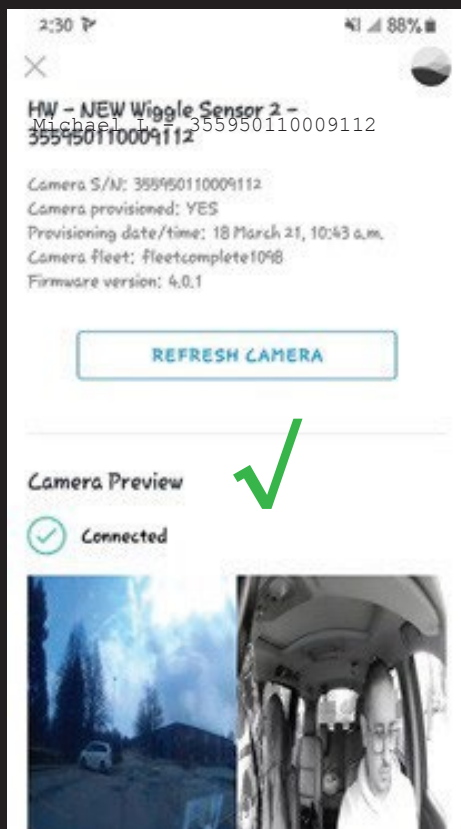
Ideal in-vehicle mounting



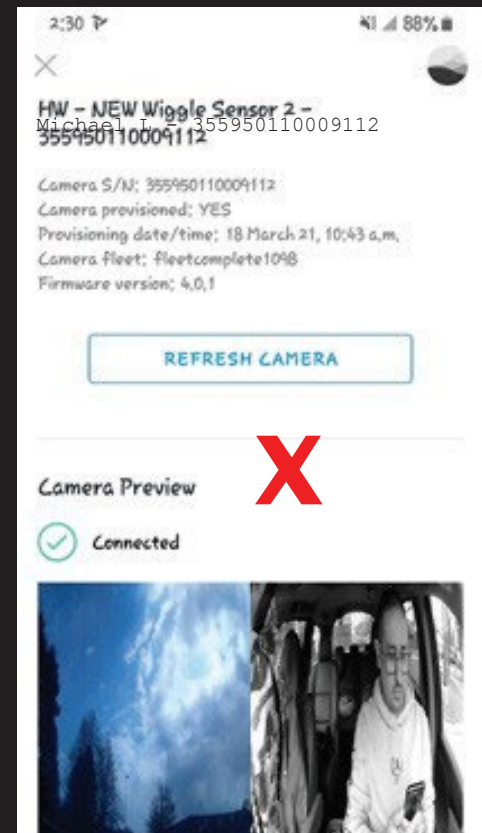
Poor mounting, excessive sky



The Fleet Complete Vision App Dual-facing view allows users to see both the roadside and cabin-facing views. Adjust your camera as needed, following the camera alignment steps above to ensure your drivers and fleet managers have a good view of the road to capture any hazards or incidents along the trip.



Ideal road-to-sky ratio.



Poor road-to-sky ratio.

LED Light Indicator

Behaviour	Indication
Red LED is on continuously	Normal recording in progress
Red LED blinks slowly	Emergency recording in progress
Red LED blinks rapidly	Memory card error

WIFI Mobile Broadband LED

Behaviour	Indicator Light
Cyan	System is initializing
Green always on	Wi-Fi is connected
Blue LED is on constantly	Mobile broadband is connected
Blue blinking	Mobile broadband is disconnected