



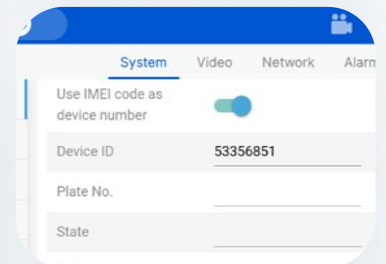
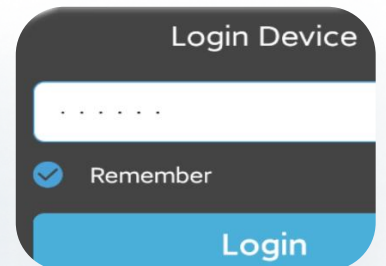
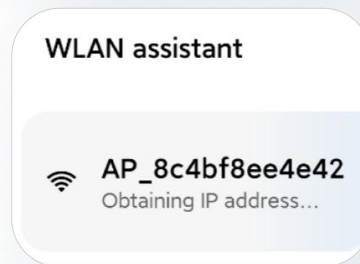
AI Calibration Quick Start Guide

This Quick Start Guide will help you set up and calibrate your VizTrack Cameras correctly. It explains which app to download and outlines the steps needed to complete calibration

—including measuring specific parts of the vehicle and entering that data into the app. By following these steps, you'll ensure your camera is accurately aligned and fully functional, allowing the ADAS and DMS features to perform with precision and reliability.

- 1 Install the Howen iTool App from the Google Play Store or the Apple App Store.
- 2 Power on your dashcam and connect to its hotspot.
Note: The default password is 12345678.
- 3 Open the Howen iTool App and locate your device.
- 4 Enter the device password to access and modify its settings.

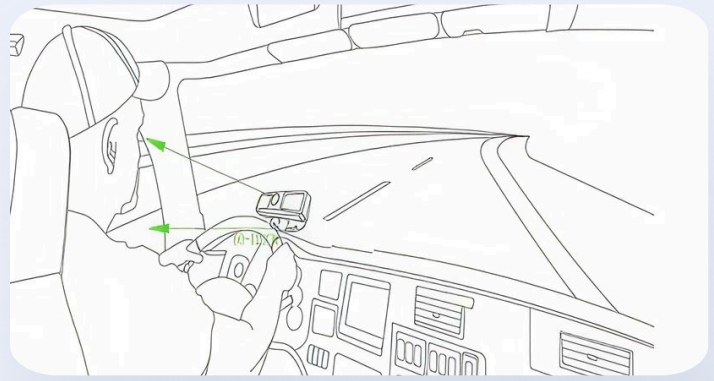
Default password: 111111



DMS Calibration

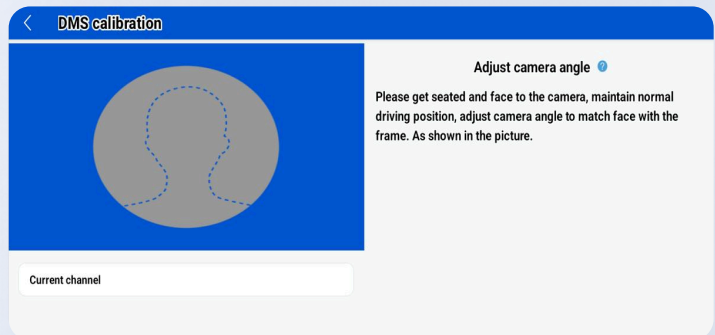
1 Confirm Installation Position

Position the camera to face the driver, ensuring it is 60–120 cm away and does not obstruct their line of sight. If the steering wheel blocks the view, adjust the camera by raising it or slightly offsetting it (by less than 15–20 cm or 15°).



2 Adjust Camera Angle

Position yourself comfortably in your usual driving seat and adjust the camera until your face is centered in the on-screen frame. After connecting your phone to the camera via the app, navigate to the AI Calibration tab to initiate the DMS calibration.



ADAS Calibration

1 When calibrating ADAS, park the vehicle in a flat, open space whenever possible. Use a tape measure for precise measurements.



2 **Measure Car Center** — distance from the camera to the windshield center (Camera to Center).

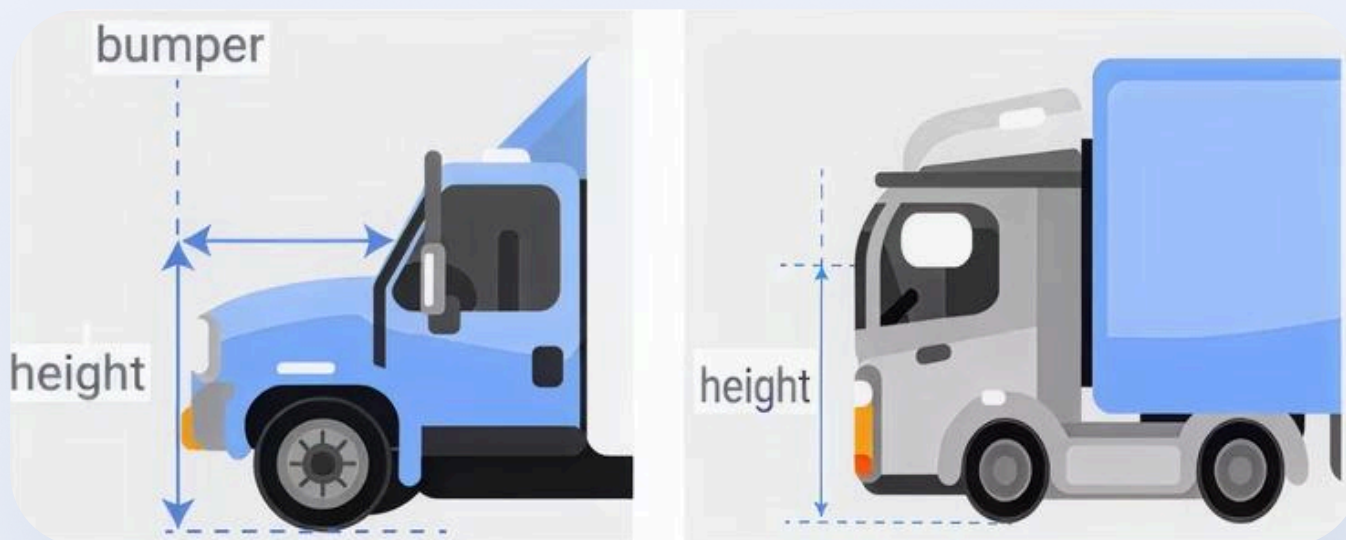
Measure Car Width — distance between outer edges of the tires (Vehicle Width).



3

Measure the height of the camera by determining the **distance from the ground to the center of the camera**.

Next, measure **the distance from the camera to the front bumper**.



4

Measure Camera to Axle — distance from the camera to the front wheel axle.





5 After collecting the following measurements in centimeters (cm), enter each value into the app under the ADAS Calibration.

ADAS calibration	
Horizon Line	360
Vehicle Centerline	634
Vehicle Width (cm)	178
Camera Height (cm)	125
Camera to Bumper (cm)	160
Camera to Center (cm)	0
Camera to Axle (cm)	58

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Equip your fleet with the VizTrack Dash Cams today.



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Important Connection Note

Once the device is powered on and connected, you have a **2-minute window** to connect to the camera's **hotspot**. If you are unable to connect within that time, **disconnect the camera's power** and reconnect it before trying again. This is required because the camera remains powered for **up to 30 minutes** even when the vehicle is turned off, preventing a fresh hotspot connection.

Android Connectivity Reminder

If you're using an Android device and cannot connect through the **Howen iTool App**, try **turning off your mobile/cellular data**. Some Android phones prioritize mobile data over Wi-Fi, which can interfere with connecting to the camera's hotspot.