



DMS Sensor Installation SOP

September 2024 Version 1.0

Equipment Required

The following equipment is required to complete the installation:

- Netradyne Driver•i D-450
 - OTA 5.6.4.rc.1 or higher
- Driver Monitoring System (DMS) Sensor
- USB Adaptor (One of the following)
 - Male-to-male pass-through
 - USB HUB
 - Both use GT32 connectors

- Mobile Phone Android or IOS with Driver•i Installer App
 - v6.6 or higher
- Masking Tape
- T-10 Security Torx Driver or Bit
- >90% Rubbing or Denatured Alcohol

Step 1: Install the D-450

- Assume that a D-450 is already installed.
- During the power cable routing process, attach the male -to-male adaptor or USB Hub between the D-450 and DMS USB connection.



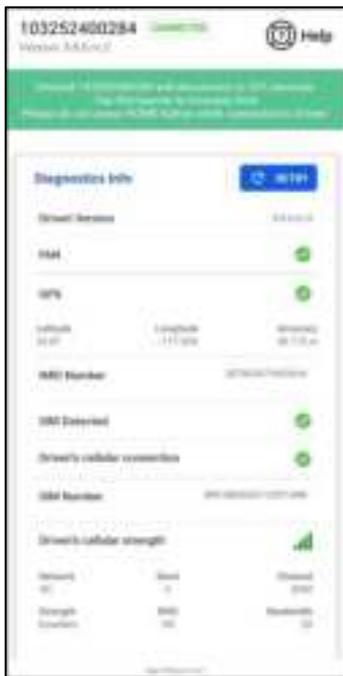
Step 2: Place the DMS on the Vehicle Dash

- Without removing the tape backing on the VHB, place the DMS sensor flat against the vehicle dash, angled at the driver without any field of view (FOV) obstructions.
- Mount must be flat against the dash.
- Loosen the screws on the DMS mount so that it can be adjusted.



Step 3: Pair the DMS using the Installer App

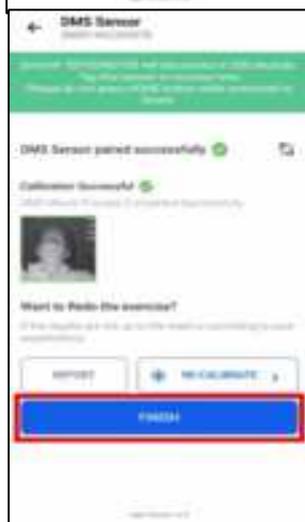
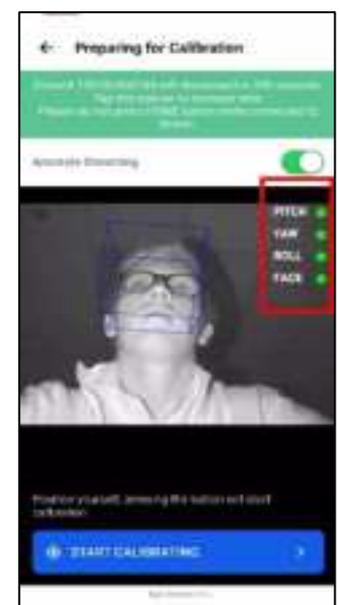
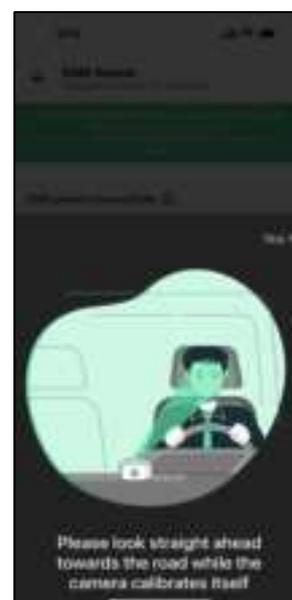
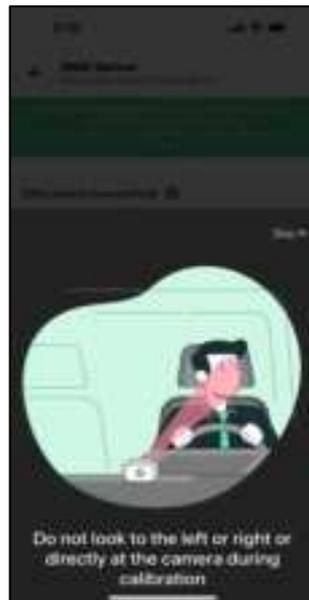
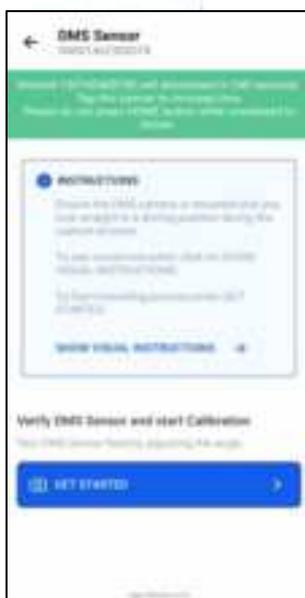
- Connect to the D-450 using the Installer App.
- Pair the DMS through the Accessories tab.
- Scan the Serial Number of the DMS.



Step 4: Calibrating the DMS

- While still connected to the D-450 over the Installer App, choose the "calibrate sensor" option of the DMS.
- Adjust the position of the DMS until all four dots representing pitch, yaw, roll, Face, are green, Refer to figure 4.
- The installer needs to be in the Driver's seat looking straight ahead at the road.
- When ready, press "calibrate" and wait for the calibration to happen.
- When finish completing the vehicle installation of the D-450 if not already done and close the app.

- It may be necessary for two people to do this.
- One person sits in the driver seat and is the focus of the DMS.
- The second person sits in the passenger seat and adjusts the DMS.



Step 5: Apply VHB to Mount Location

- Once calibrated, tighten the screws of the DMS and mark the edges of the mount on the dash with a boundary made with the masking tape.
- Remove the paper covering the VHB and place on the mount back onto the marked area.
- Recalibrate the DMS system one more time, to ensure that the DMS system did not move during the placement process.



FCC PART 15 STATEMENT

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.

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

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. See 47 CFR Sec. 15.105(b). 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 the receiver.

Connect the equipment to 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.

FCC ID: 2AM8R-DMS-10

FCC CAUTION STATEMENT FOR MODIFICATIONS

CAUTION: Any changes or modifications not expressly approved by Netradyne could void the user's authority to operate the equipment