

Driver•i D-450

Quick Install Guide



Parts List

- D-450 Driver•i Device
- D-450 Power Cable
- Wireless/GPS Module and Cable
- Zip Ties
- 36" of Wire Split-Loom
- Driver Information Card

Required Parts

- Self-Install Kit/Truck Specific Adapter Cable
- ≥91% Rubbing/ Denatured Alcohol
- Dry, Clean, Lint Free Cloth

Required Tools

- Latest version of Netradyne Installer App (iOS or Android)
- Multi/Volt-Ohm Meter
- Crimping Tool
- Drill/Screwdriver
- Heat Gun/Mini Butane Torch
- Loctite 425 (plastic-friendly)
- Vehicle Dash removal tools
- Flush Cutters
- Wire Strippers
- T10 and T20 security Torx tool (Magnetic tip is highly recommended)
- Sandpaper/Emory Cloth
- Small level

Warning

- Improper cable installation can interfere with the vehicle pedals, or steering.
- Interfering with the pedals, or steering can cause a crash that results in serious injury or death.
- Mount the cables so that they do not interfere with the brake, accelerator, clutch, or steering wheel.

Danger

- Using a test light to probe vehicle wiring can cause the AIRBAGS to FIRE.
- Airbags firing while working near the vehicle dash or steering can cause serious injury or death.
- Never use a test light to probe wiring. USE Multimeter/Volt-Ohm METER ONLY.

Privacy Mode

Automatic Privacy Mode: Enabled automatically when the vehicle speed is 0MPH / KPH for 3 to 4 minutes . In this case, LED 1 is GREEN, and LED 2 turns from GREEN to RED

Note: Driver•i works in units of “minutes”, so if the vehicle became stationary in the 1st seconds of “minutes”, the device may take up to 3 min 59 sec of idling before privacy mode is enabled.

LED Indicators

LED 1 Status (Left-side LED)	LED 2 Status (Right-side LED)	Description	Possible Solutions
Flashing RED	OFF	Device is booting up and flashing RED should last for 15 seconds.	N/A
OFF or solid RED or flashing RED for more than 15 seconds	OFF	There is an error	Please contact support
GREEN	GREEN	Privacy mode is OFF. Inward camera is ON and recording.	N/A
GREEN	RED	Privacy mode is ON. Inward camera is OFF and not recording.	N/A
GREEN	OFF for more than 15 seconds	There is an error	Please contact support

Note: If driver-facing camera is disabled, LED 2 will always be RED. The Privacy Mode is activated only if the conditions mentioned in the "Privacy Mode" section are met. The Camera is ready to record after the 25 seconds boot-up time. After ignition key/vehicle is OFF, camera recording is based on "Recording Options" set by the Safety Manager.

Guidelines

- Install D-450 camera on windshield with clear, unobstructed view through the windshield and with a clear view of center of the road within the windshield wiper zone.
- Mount according to applicable federal, state, and local laws and regulations.
- Connect ignition wire only to ignition source and not accessory source.

Installation Steps

Using INSTALLER APP is recommended for proper installation and functioning of the device.

- Select mounting location. Consider the following points in order of importance:
 - Driver vision and no obstructions for inward and outward camera.
 - Place within the windshield wiper swipe zone.
 - Place as close to vehicle centerline as possible while considering points A and B.
- Once location is determined, use the ≥91% Rubbing/Denatured Alcohol to clean the area. Wipe away residue with dry, clean, lint free cloth. Under cold/humid climate conditions, you may need to defrost the windshield or heat the mounting area with a heatgun/mini torch to reach approximately 72°F for good VHB adhesion and eliminate excess moisture. Wipe with clean cloth again. **Caution:** Use extreme caution while heating the windshield area and not leave the heat source at one location for extended period of time.
- Remove the protective cover on the 3M VHB tape. Attach to windshield after making sure device is lined up and in level with the road and side-to-side. Remove device from bracket and apply pressure to the bracket for good VHB adhesion and ensure that there are no large air bubbles on the VHB tape.
- Apply Loctite® 425 to the mounting screws, and re-mount device only after verifying with the views of the camera with the Installer app.

5. Route and connect power cable to the vehicle specific adapter cable OR manually connect the Power, Ground, Ignition, and CAN wires per the steps in the Wire Routing and Connections section. Route and place the Wireless/GPS Module on the front corner of the dash near the windshield so it has a clear view of the sky. Be sure that skyward arrow is pointing upwards.

Installer app: Use the installer app for system verification, pair Driveri to vehicle, and stream camera views. Adjust the camera to ensure that the outward view only captures very little of the vehicle hood and the inward camera sees the driver's head and left shoulder.

Wire Routing & Connections

Generally, route all cables towards power connections.

- Route power cable and Wireless/GPS Module through the headliner (using the included Split-Loom to help secure and protect cabling) and down the A-pillar.
- Attach Wireless/GPS Module to the front corner of dash towards the windshield making sure the "SKYWARD" arrow is pointing up. **(Make sure surface has been cleaned with alcohol wipe prior to sticking it to the dash).**
- Continue routing power cable towards preferred electrical connection area. Store excess cabling inside the dash, securing with zip ties to existing wires/cables. It is highly recommended that you use a truck specific adapter cable that plugs directly into the white 6-Pin Molex connector on the Power Cable **(Refer to 'Adapter Cable Guide')**.
- If you prefer to do a self-install/manual connection without the adapter cable, cut the white Molex connector off and make the following connections:

Connect **BLACK** 'GND' to an existing truck ground wire, ground terminal post or chassis. (If using a chassis, ground with self-drilling screw and ring terminal, use an Emory cloth or sandpaper to remove paint and expose bare metal).

Connect **RED** "BAT" wire to 12v Battery constant **using an inline 5amp fuse**.

Connect **WHITE** 'IGN' wire to 12v switched ignition power only, **using an inline 2amp fuse**. (There should be no power on this connection when key is in the OFF, or Accessory Position). **Ignition Wire not needed if using Wake on Motion (WoM) enabled.**

Connect the **YELLOW** 'CAN_HIGH' wire to the Yellow CAN_HIGH wire of the vehicles data bus.

Connect the **GREEN** 'CAN_LOW' wire to the Green CAN_LOW wire of the vehicles data bus

It is recommended that you make these connections near/at the back of the diagnostic port.

Secure all wires and cables with the provided cable zip ties.

Customer Support

Contact customer support

1-833-GRN-ZONE (1-833-476-9663)

support@netradyne.com

Download detailed instructions

<https://www.netradyne.com/support>.

To initiate an RMA, email:

support@netradyne.com

Details to Collect at Install

Device Serial #:	
Date and Time of Install:	
Customer Name:	
Location:	
Vehicle #:	
Vehicle Make/Model/Year:	
VIN:	
License Plate #:	
Vehicle Equipped with Master Disconnect Switch?	Yes No
Master Disconnect Switch Bypassed?	Yes No
Butane Torch or Heat gun used due to cold/humid weather?	Yes No
Installer App Used?	Yes No
Install Report Uploaded successfully?	Yes No
System Verification Completed?	Yes No

FCC Compliance 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.

2.1 OPERATING REQUIREMENTS AND CONDITIONS The design of Netradyne Driver/DCM complies with U.S. Federal Communications Commission (FCC) guidelines respecting safety levels of radio frequency (RF) exposure for Mobile devices.

2.2 RF Radiation Exposure Statement This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

2.3 FCC PART 15 STATEMENT § 15.105 (Class B digital device) 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. 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 receiver.
- Connect the equipment into 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.

REGULATORY INFORMATION

Model Name: DriverI

Contains FCC ID: 2AM8R-D450

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.

IC Caution:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

RF exposure statement:

The equipment complies with IC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Déclaration d'exposition RF:

L'équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

