



## netradyne D-215 Fleet Dash Camera System Installation Guide

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**netradyne D-215 Fleet Dash Camera System**



## **WARNINGS**

### **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 VOLT-OHM METER ONLY.

## **LED INDICATORS**



LED 1 STATUS (Left-side LED)	LED 2 STATUS (Right-side LED)	DESCRIPTION	POSSIBLE SOLUTIONS
Flashing <b>RED</b>	OFF	Device is booting up and flashing <b>RED</b> should last for 15 seconds.	N/A
OFF or solid <b>RED</b> or flashing <b>RED</b> for more than 15 seconds	OFF	There is an error.	Please contact support.
<b>GREEN</b>	<b>GREEN</b>	Privacy mode is OFF. Inward camera is ON and recording.	N/A
<b>GREEN</b>	<b>RED</b>	Privacy mode is ON. Inward camera is OFF and not recording.	N/A
<b>GREEN</b>	OFF for more than 10 seconds	There is an error.	Please contact support.

**Note:** If driver-facing camera is disabled, LED 2 will always be RED. But this does not indicate that Privacy Mode is ON.

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.

## PRIVACY MODE

There are two methods by which the Privacy Mode can be enabled. Only one of the two methods can be enabled at any point of time:

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

**Note:** Driveri works in units of “minutes”, so if the vehicle became stationary in the 1st second of “a minute”, the

device may take up to 3 min 59 sec of idling before privacy mode is enabled.

**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.

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

**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.

**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-D215

Company number 23098

IC : 23098-D-215

**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:

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

## **GETTING STARTED AND GUIDELINES**

### **PARTS LIST**

- D-215 DriverI Device
- Driver Information Card
- Power and Cellular/GPS Module Cable

- Power/CAN Adapter Cable
- Cable Zip ties
- 36" of Wire Split-Loom

## **PARTS REQUIRED**

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

## **TOOLS REQUIRED**

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

## **GUIDELINES**

- Install D-210 camera on windshield with clear, unobstructed view through the windshield and with a clear view of center of the road.
- Mount according to applicable federal, state, and local laws and regulations.
- Connect ignition wire only to ignition, not the accessory.

## **INSTALLATION STEPS**

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

1. Select mounting location. Consider the following points in order of importance:
  - a. Driver vision and no obstructions for inward and outward camera.
  - b. Place within the windshield wiper swipe zone.
  - c. Place as close to vehicle centerline as possible while considering points A and B.
2. 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 heat gun/mini torch to reach approximately 720F degrees for good VHB adhesion 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.

3. 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 brackets for VHB adhesion. Apply Loctite® 425 to the mounting screws, and re-mount device only after verifying with the views of the camera with the Installer app.
4. Route and connect power cable to the power/CAN adapter module and connect to 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 Cellular/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.
5. INSTALLER APP: Use the installer app for system verification, pair Driveri to vehicle, and stream camera live views. Adjust the camera to ensure that the outward view only captures minimal vehicle hood.

Power and Cellular/GPS module/cable can be routed in opposite directions, if necessary. Generally, route all cables towards power connections.

- Route power cable and Cellular/GPS module through headliner (using the included Split-Loom to help secure and protect cabling) and down the A-pillar.
- Attach Cellular/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 ‘Adaptor 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, 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 12vswitched 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).  
Not needed if using Wake on Motion (WoM) Device.
  - Connect the YELLOW ‘CAN\_HIGH’ wire to the CAN\_HIGH wire of the vehicles data bus.
  - Connect the GREEN ‘CAN\_LOW’ wire to the CAN\_LOW wire of the vehicles data bus.
  - Secure all wires and cables with the provided cable zip ties.

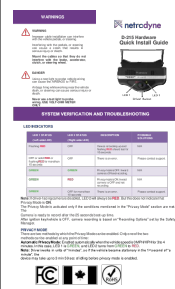
## CUSTOMER SUPPORT

Detailed installation instructions can be downloaded at <https://www.netradyne.com/support>

Contact Customer Support via phone or email:

- 1-833-GRN-ZONE (1-833-476- 9663)
- [support@netradyne.com](mailto:support@netradyne.com)

## Documents / Resources



**netradyne D-215 Fleet Dash Camera System** [pdf] Installation Guide  
D215, 2AM8R-D215, 2AM8RD215, D-215 Fleet Dash Camera System, D-215, Fleet Dash Camera System

Manuals+