



FC Vision

104825 - Fleet Complete Vision
INSTALLATION GUIDE

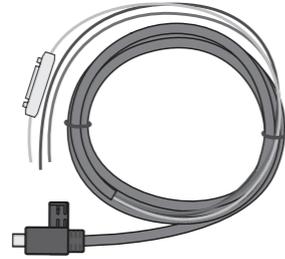
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SMART, SIMPLE, FLEET MANAGEMENT
SOLUTIONS

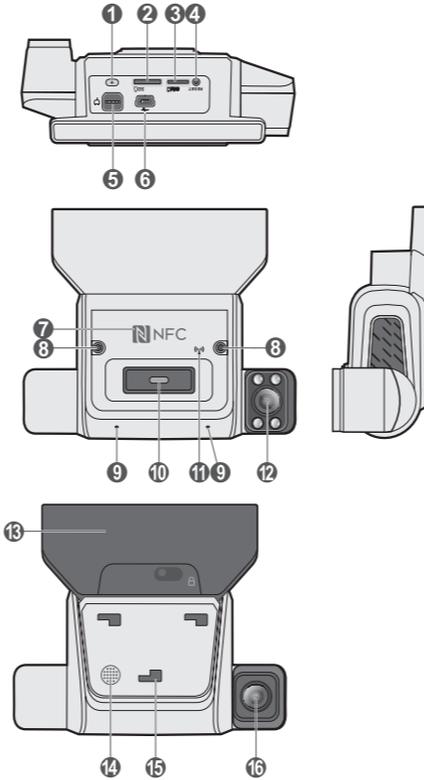
I. What's in the Box

- Fleet cam with front & interior-facing cameras
Warning: Do not attempt to adjust the camera lens viewing angle without loosening the corresponding locking screw first.
- Cable Kit



- Mounting plate with adhesive tape
- Top cover
- Installation guide
- Alcohol Cleaning Swab
- Allen key

II. Product Overview



- Tamper-proof sensor
- MicroSD slot
- SIM card slot
- Reset button
- Charging/data port
- Rear camera connector
- NFC sensor
- Camera locking screw (x2)
- Microphone (x2)
- Driver triggered recording
- WiFi/mobile broadband indicator
- Interior-facing camera + Infrared illuminator (x4)
- Antenna
- Speaker
- Mounting slot (x3)
- Front-facing camera

III. Device Installation

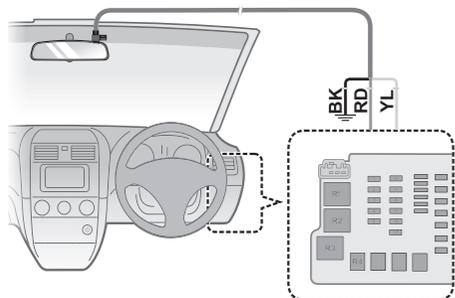
Precautions and notices

- This device has been tested and certified to meet the applicable limits for Radio Frequency (RF) exposure. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator & your body.
- For your own safety, do not operate the controls of the product while driving. Using this product does not exempt the driver from taking full responsibility for his/her driving behavior, which includes observing all traffic rules and safety regulations.
- Make sure the fleet cam is positioned in a way that does not obstruct the driver's view or airbag deployment.
- Make sure that no object is blocking the camera lens and no reflective material appears near the lens. Please keep the lens clean.
- Video quality may be degraded if the vehicle's windshield is tinted.
- If the car's windshield is tinted with a reflective coating, its surface may be athermic and impact GPS reception. In this instance, please mount the device in a "clear area".
- The device will automatically calibrate its G-sensor during start-up. Always turn on the device after it is mounted in place to avoid G-sensor malfunction.

Installation procedure

Type-II cable kit

- Use a multimeter to locate a fuse that supplies power even when the vehicle is turned off (such as the emergency hazard lights and interior/door lights) and connect the yellow wire (B+) to the fuse.
- Use the multimeter to locate a fuse that does not supply power when the vehicle is turned off (such as the indicator lights) and connect the red wire (ACC) to the fuse.
- The black wire (GND) must be connected to the vehicle's ground point. This product may not work properly if it is not grounded.

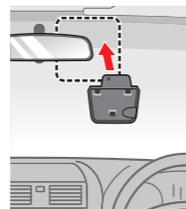


A. Affix the fleet cam

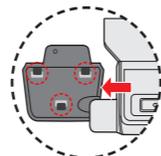
Note:

- Cleaning the windshield with rubbing alcohol before mounting the fleet cam is highly recommended.
- The double-sided adhesive tape can be replaced if it is no longer adhering to the windshield properly.
- The fleet cam should be placed near the rear-view mirror to ensure the highest video quality, but never position the device where the driver's field of vision is blocked.

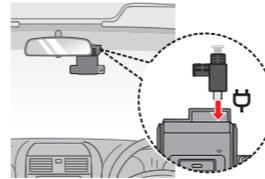
- Peel the film off from the back of the rear plate and affix the rear plate securely onto the windshield.



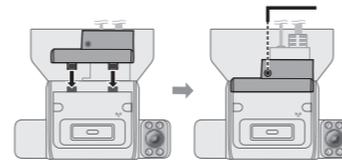
- Attach the fleet cam to the rear plate by matching the positions of the three mounting holes on the back of the camera with the hooks on the rear plate. Slide the fleet cam to the left to lock it in place.



- Connect the main connector to the fleet cam.



- Attach the top cover to the fleet cam and tighten the screw with an M2 hex key.



- Peel the 3M tape off from the back of the cable cap to adhere it to the windshield.



B. Download the FC Vision App

- Download and install the FC Vision app by scanning the corresponding QR code:



Google Play for Android:



Apple Mac Store for iOS:



Android Users:

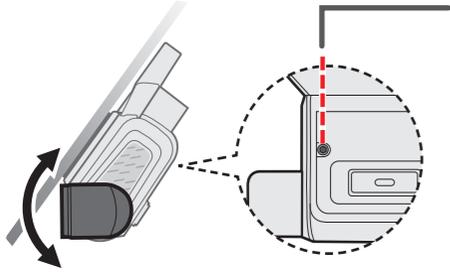
- Ensure Wi-Fi & Bluetooth is enabled on your Mobile Android Phone.
- From the Home Screen be sure to Enable ALL necessary permissions.
- Agree or Allow all permission prompts (Important: Do not proceed without ensuring you have followed this step).
- Next, Tap on the vehicle button. Select your Camera from the Vehicle List.
- Tap on the Connect to Camera button to connect. Within seconds you should be connected to your Camera.
- Once logged in, notice there are four buttons at the bottom of your Vision App: Home, trips, scoreboard, vehicle, switch tabs using these buttons.

iOS users:

- Enable access to Bluetooth, Location and Wi-Fi through iOS specific prompts that pop up.
- Tap on Ok or Allow to each notification prompt.
- Ensure Bluetooth and Wi-Fi is enabled during this process.
- Select/Tap your Camera by locating your name from your vehicle list & Tap on Connect to Camera.
- Tap on Allow or Ok to any notification prompt messages that appear.
- Once logged in, notice there are four buttons at the bottom of your Vision App: Home, trips, scoreboard, vehicle, switch tabs using these buttons.

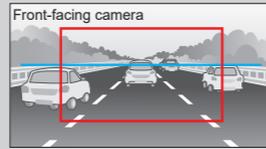
E. Adjust camera viewing angle

1. Ensure the FC Vision App is successfully installed and connected on your mobile device.
2. Launch the mobile app and log in with the account credentials provided by your sales agent.
3. Tap the icon located in the upper-right corner of the app to establish a WIFI connection with the fleet cam.
4. Tap the icon located in the upper-left corner and select Live Video from the drop-down menu. A live view captured by the front-facing camera is displayed on the left side of the screen and a live view captured by the interior-facing camera is displayed on the right; these can be used to adjust each camera's viewing angle.
5. Loosen the camera locking screws with an M2 hex key and adjust each camera's viewing angle using the corresponding live view displayed by the app.



Note:

- When adjusting the front-facing camera's viewing angle, make sure the vehicle is parked on level ground and the camera's view is parallel to the ground. The ground to sky ratio should be close to a 50/50 split.
- The area enclosed by the red rectangle is processed by the ADAS engines. Please ensure this region has an unobstructed view of the road.



- In order for the Driver Monitoring System (DMS) to function properly, make sure a clear view of the driver is captured by the interior-facing camera.



6. Tighten the locking screws to lock each camera's position once the angle is set.

F. Complete the installation/using the device

Before using the fleet cam to record videos, peel off the protective film covering the camera lens. The fleet cam will automatically turn on once the vehicle engine is started and the system will automatically begin continuous recording after a few seconds.

During continuous recording, if a sudden event (such as running over a road bump, vehicle collision, high-speed driving, or making a sharp turn) has been detected, the G-sensor will prompt the fleet cam to record the event. You can also press the emergency recording button to record a video manually while continuous recording is in progress.

IV. LED Indicators

Behavior	Indication
Network connectivity LED emitting a steady cyan light	Fleet cam initialising
Network connectivity LED emitting a blue light at 15-second intervals	Wireless connection not established
Network connectivity emitting a green light at 15-second intervals	Wireless connection established
Emergency recording LED emitting a red light at 500 ms intervals	Power supply is interrupted

- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.
- Overheating may damage the device.

About GPS

- GPS (Freq=1575.42MHz) is operated by the United States government, who is solely responsible for the system's performance. Any change to the GPS system can affect the accuracy of all GPS equipment.
- GPS satellite signals cannot pass through solid materials (except glass). GPS positioning is unavailable when you are inside a tunnel or building. Signal reception can be affected by conditions such as poor weather or dense overhead obstacles (e.g. trees, tunnels, viaducts and tall buildings).
- GPS positioning data is for reference only.

Regulatory Information

For regulatory identification purposes, the device is assigned a model number of N693 / Dashcam.



Federal Communication Commission Interference 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 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 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 a radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

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.

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure. This equipment should be installed and operated with a minimum distance of 30 cm between the radiator and your body.



Products marked with the CE label comply with the Radio Equipment Directive (Directive 2014/53/EU) - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

- EN 301 489-1 V2.2.3 (2019-11)
- EN 301 489-3 V2.1.1 (2019-03)
- EN 301 489-17 V3.1.1 (2017-02)
- EN 301 489-19 V2.1.1 (2019-04)
- Draft EN 301 489-52 V1.1.0 (2016-11)
- EN 55032:2015+AC:2016, Class B
- EN 55035:2017
- EN 50498:2010
- ISO 7637-2:2004
- EN 300 328 V2.2.2
- EN 300 440 V2.1.1; 2017
- IEC60950-1(ed.2); am1; am2
- IEC62368-1:2014 (EN62368-1:2014/A11:2017)

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Declaration of conformity

Hereby, MiTAC declares that the N664 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

V. Additional Information

Caring for your device

- Taking good care of your device will ensure trouble-free operation and reduce the risk of damage.
- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This causes moisture condensation inside the unit which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- Never attempt to disassemble, repair, or modify your device. Disassembling, modifying or attempting to repair on your own may damage your device, inflict bodily harm or property damage and will void any warranty.

Maximum power for each band

- LTE-FDD: B1/ B2/ B3/ B4/ B5/ B7/ B8/ B20/ B28 (25 dBm)
- LTE-TDD: B38/ B39/ B40/ B41 (25 dBm)
- WCDMA: B1/ B2/ B4/ B5/ B8 (25 dBm)
- GSM/EDGE: 850/900/1800/1900 MHz (32 dBm)

About WIFI

- Frequency: 2412 – 2472 MHZ
- Max. power = 18 dbm

About BT

- Max. power = 11 dBm

WEEE



This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE – 2012/19/EU). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.