4K DASHCAM

3-CHANNEL SYSTEM WITH WIFI

DC374

ASANI

AUTOMOTIVE ACCESSORIES

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AUTOMOTIVE ACCESSORIES

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PRODUCT INTRODUCTION

Congratulations on your purchase of the Asani DC374 Dashcam. The triple channel dashcam offers a 155° rear camera, a 160° inside camera, and a 150° front camera. The camera can monitor the interior, rear, and front of your vehicle simultaneously (3-Channel) while providing audio at 2.5K + 1080P + 1080P, thereby protecting you from potential liability issues that can occur from accidents.

When installed without the rear camera or with the rear camera deactivated, the cam will automatically be configured for 2-channel mode (front and interior camera only). In this 2-channel mode, the front camera can set to an ultra-high 4K 2160P resolution while the inside camera is 1080P. The rear cam can be adjusted 360° vertically and includes a 20ft extension cable, making it suitable for cars, trucks, jeeps, and SUVs.

The DC374 dashcam is easy to use and has many smart features that provide customers with a convenient and elegant solution. These features include built-in WiFi, built-in GPS, split-screen display, mobile app control, rear flip (180°) & rear mirror, emergency recording, built-in G-Sensor, loop recording, audio recording, and screensaver mode.

If you have any questions, or need to purchase the optional accessories for this camera, please contact us at **AMAZON@MLCDISTRIBUTION.COM**

It is recommended that you temporarily connect the dashcam and check the basic functionality of the device along with the included power cable and rear camera before installing the device in your vehicle. This will help reveal any potential problems with the product in the beginning so that you don't to spend any extra time uninstalling the product if a return is necessary in the rare case of a defect.

Only use original accessories provided in the package to avoid potential compatibility issues with other brands. Using any 2-in-1 or 3-in-1 cigarette socket may result in insufficient current being supplied to the dashcam. Please note that rear camera supplied with the kit is only meant to be installed on the interior rear windshield and not on outside of the vehicle. The rear camera is not weatherproof.

Please contact us if you would like to purchase the following optional accessories for this dashcam:

- 33-ft Rear Camera Extension Cord Cable
- Multi-function Hardwire Kit (to access the optional feature: continuous parking mode surveillance)

GENERAL INFORMATION

Confirm that your cigarette power port is a 12v accessory outlet. If the cigarette lighter is still powered on when the vehicle is switched off, it could deplete the vehicle's battery. If this is the case, unplug the car charger when the vehicle is turned off or use the optional hardwire kit. Note: This may occur in some Ford, Audi, and electric vehicles.

MICROSD CARD

Before using a new MicroSD card, format it on the dashcam. Do not insert or remove the card while the dashcam is still powered on.

A compatible MicroSD card is included with the dashcam. If you are purchasing another card, a minimum of a "Class10" or "U1" (10MB/sec or faster) MicroSD card is required. It is recommended that the MicroSD card be formatted annually to ensure stable operation. Back up any important footage before doing so. To format the SD card, enter the menu settings by pressing the "M" button once and then the UP/DOWN button to scroll. When you reach the "Storage" setting, press "OK".

Press "OK" again to confirm formatting the SD card. The dashcam will check for a Micro SD card when starting up and will show an alert if it is damaged or not inserted.

GPS Module with mounting bracket

3” IPS LCD Screen

Rotatable In-Cabin Camera
(1080P Resolution)

Up/down Adjustable Front Camera
(4K or 2.5K resolution depending on 2 or 3 channel configuration)

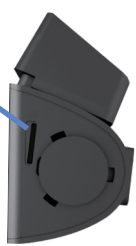
3M Adhesive Tape

USB-C Port
(For Power)

Rear Camera Connection

Up/Down Adjustable Front Camera

1. M Button
2. UP Button
3. Power Button
4. Down Button
5. OK Button



MicroSD Slot

(Do not remove or insert card while devie is on

NOTE: When the dashcam is connected to your phone via WiFi, the buttons on the dashcam are disabled. Disconnect your phone from the dashcam in order to resume using the dashcam buttons.

The dashcam comes pre-programmed with factory default settings and doesn't need to be set manually when it is used for the first time. **Note: The SD card must be formatted before use.**

Installing the main body

Positioning the Camera

Determine the most suitable position on your windshield to capture the picture that you need. To aid with this, we recommend that you temporarily plug in the power cable to turn on the camera so that you can preview the position and angle that will give you the best coverage for the front view AND in-car view (.ie the front passengers and the backseat area). The most popular spot to mount it on the windshield would be just under the rear-view mirror, where you can still view the camera screen and operate the button controls from the driver's seat. Be sure that the camera does not obstruct your view or create a blind spot when driving. Take note of the specific spot you wish to mount it before the installation.

Common areas for mounting

Note before installing:
The Front and In-Car cameras can be rotated vertically to adjust the vertical view. Ensure that the mounting surface is cleaned before installation.

Please review BOTH mounting methods below before installing. Ensure that the glass surface is completely clean before mounting.

Semi-Permanent Installation (with 3M Adhesive Only)
This is the most secure way of mounting. Peel off the 3M tape on top of the mounting bracket and apply it to the desired area on your windshield. Please note that the 3M tape is very strong which makes it difficult to remove and re-position without tools, such as a scrapper or heat gun. If a heat gun needs to be used, detach the dashcam from the mount so that it doesn't get exposed to heat.

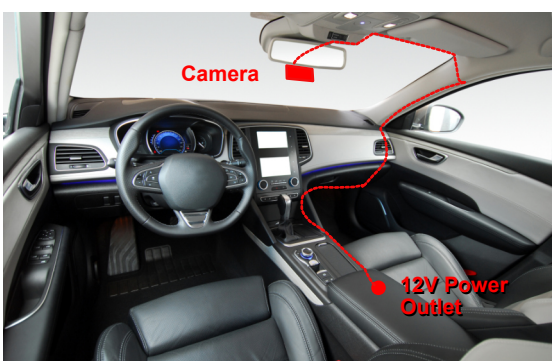
Less Permanent Installation (with Electrostatic sticker)
The included electrostatic sticker provides an alternative way of mounting the dashcam that will allow for easy repositioning or removal of the dashcam mount from your window if needed. First, peel off the electrostatic sticker and place in the area of the windshield that you wish to mount. If any bubbles are visible, use a card to squeegee them out. Then peel off the 3M tape attached to the bracket and attach it to the electrostatic sticker that you just stuck on. Once installed, please detach (slide out) the dashcam from the mount. Wait for at least 24 hours before you install the camera back on the mount. This will ensure maximum adhesion strength.

NOTE: The electrostatic sticker is highly recommended if you have window tint in order to avoid damaging your tint if the dashcam mount ever needs to be removed.

Connecting the power cable

Once the dashcam is physically mounted, use the power cord to connect the USB Type-C Port of the dashcam to the vehicle's cigarette lighter socket.

Note: Only use the included car charger to ensure that the camera does not frequently reboot or exhibit screen flickering due to insufficient power. Since this is a 3-channel camera system, it will require more power than lesser dashcams.



You can use the included plastic pry tool to help tuck the cable between the plastic panels and rubber gaskets that run along the glove compartment, door frame, and windshield area of your car.

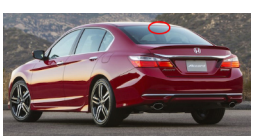
Installing the rear camera

The dashcam comes with a camera for the interior rear window. Do not attempt to mount the camera on the outside of the car since it is not weatherproof.

Rear Camera Placement

The type of car you have will determine the best area to mount your rear camera in order to produce the best vantage point.

For cars with trunks or spoilers that extend past the rear window, the recommended position is at the center-top of your rear window.



For cars where the rear window is at the very back of the car (such as with most hatchbacks and SUVs), you can mount on either the center-top of the window or at the center-bottom of the window; whichever provides the best unobstructed view.

When you find the optimal area for placement, temporarily mount the camera to the window with painters tape while you run the rear cable.

Connect the rear camera's 20ft cable to the rear camera. Then route it to the front of the car. A trim removal tool can be used to pop out the headlining panel above the rear window and the cable run through the exposed chamber. Connect the cable to the dashcam's AV-IN port.

TIP: Turn on the dashcam and use it to preview the rear picture while you position & angle camera to the perfect position for mounting to the rear window. The rear camera can be rotated 360° vertically for additional vertical angle adjustment after it is mounted.

NOTE: If the rear image is mirrored or reversed after installing the rear camera, this can be rectified by using the "Rear Mirror" and "Rear Flip(180°)" options in the dashcam menu.

Note: After the installation is complete, check each camera lens in the dashcam system and peel off any clear film protectors that may still be on the lenses.

Hardware Kit Installation (optional)

The hardware kit (purchased separately) allows the camera to be on in a limited capacity when the car is turned off and left unattended. This function allows you to enable the “Time Lapse” recording function in the “Parking Monitoring” menu section of the camera.

You may contact us for instructions on where to purchase this kit.

Installation Steps:

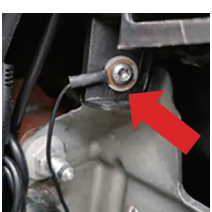
1. Stop the engine and turn off the ignition
2. Open up your hood and open the fusebox
3. Use a multimeter on the fusebox to detect a constant source of power and ACC power (emergency power). The constant power supply should be below 30A and the ACC power should be in the range of 15A and 25A
4. In the hardware kit, connect the YELLOW cable to the constant power supply, the RED cable to the ACC power supply, and the BLACK cable to the ground (see next page for more details)

Yellow cable (BATT/B+)

The yellow cable should be connected to the fuse of a constant power supply in the car fuse box which still has power even if the car engine is off. **Note: Use a constant power supply of less than**

Red cable (ACC)

The red cable should be connected to the fuse of a power supply in the car fuse box which only has power when the car engine is running. Note: **Use an ACC power supply of between 15A and 25A**



Black cable (GND)

The black cable should be connected to the metal part of the vehicle. Most cars have screws or metal parts next to the fuse box that can be used for this

HOME SCREEN

Legend for Home Screen Status Icons

ICON MEANING ▼	
Rec	Recording is Active
Rec	Recording is is Locked
2022/03/12 06:58:30	Date & Time Display
PARK	Time Lapse Mode is On
	Parking Monitor Mode is On
	WiFi turn on but not connected
	WiFi turn on and connected
	MicroSD card is installed and detected
	Sound recording is On
	Sound recording is Off/Muted

ICON MEANING ▼	
	GPS signal acquired
	Front Camera is shown on screen
	Interior Camera is shown on screen
	Rear Camera is shown on screen
	Icon for the “M” Button (Menu)
	Icon for the Playback Mode button
	Icon for the Power button
	Icon for the button to lock the current footage
	Icon for the “OK” button. Can be used to switch between cameras in the home screen

Powering ON the dashcam

If this is the first time the dashcam has been installed, you may need press and hold the power button until you see the Asani logo. After this point, the dashcam will automatically turn on each time you turn on the ignition while the cigarette power adapter is connected.

Note: After the camera starts up, check that the MicroSD card icon shows up on the home screen and that the Red recording dot is blinking. This indicates that it is recording and functioning normally.

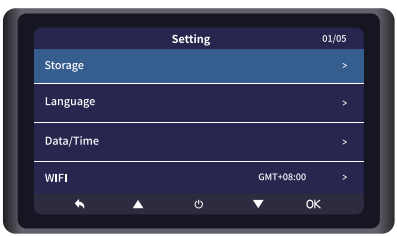
Powering OFF the dashcam

The power will be turned off automatically each time the engine is turned off. To manually turn the power off, press and hold the power button. Press the power button briefly to turn the power back on and display the opening screen.

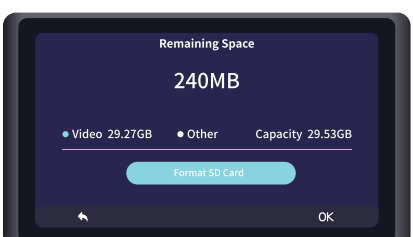
Note: If you manually turn off the camera, then you may need to manually turn it on again when you start your car**.**

IMPORTANT - Check & confirm that your camera is plugged into the ACC port (accessory port). If the camera screen does not turn off shortly after the car is turned off completely, then you will need locate and use an ACC port for the dashcam or unplug the car charger after you turn off the car. If you have already installed the optional Hardware Kit, then you do not need to worry about this potential issue.

Press the ⚙ button to enter the setup menu after the dashcam is on. You will be shown a list of menu options, which will be described in the following pages.



Storage



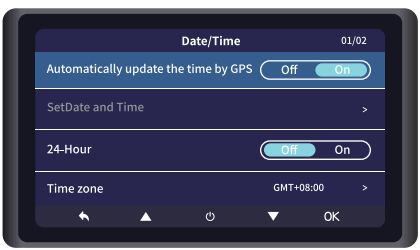
When a MicroSD card is inserted, this section displays the remaining free space on the card and how much of space is being taken up by videos.

Pressing the OK button on this screen will format the card.

Language Menu

Select the language you want to use.

Date/Time



Since the dashcam has a built-in GPS function, it will automatically update the time based on its location when it has acquired a GPS signal. It is therefore not required to change the time manually.

You can however adjust the daylight-saving time by switching the DST Setting On or Off.

Automatically update the time by GPS

When this setting is switched on, the time will automatically be adjusted according to the location and time zone detected by GPS. To ensure that the correct time is set, please be sure you have set the correct timezone.

NOTE: For GPS functionality to work, the dashcam must be fully inserted into its mounting bracket which contains the GPS module.

Set Date and Time

If you want to set the time manually, the "Automatically update the time by GPS" setting should be switched off. The “Time zone” must be set before the Date and Time are set.

24-Hour
Turn the "24-Hour" setting on or off based on your preference.

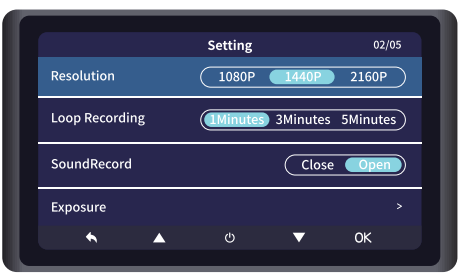
Time zone
Set the time zone you require. If you are in the US: GMT-8 is Pacific Time, GMT-7 is Mountain Time, GMT-6 is Central Time, and GMT-5 is Eastern Standard Time.

DST
The daylight-saving time feature can be switched on or off depending on your requirements.

WiFi

This setting must be turned ON when connecting to the dashcam via the mobile app *(see page 29, titled "Mobile App").* If you are not using the app, this setting can be ignored.

Resolution



4 resolution settings are available:

- Front: 1080P + Inside: 1080P + Rear:1080P
- Front: 2.5K + Inside: 1080P + Rear:1080P
- Front: 2.5K + Inside: 1080P
- Front: 4K + Inside: 1080P

Note: When the rear camera has been connected, i.e., 3 channel recording mode, the front camera's highest resolution is 2.5K. If you attempt to switch this to 4K**,** the error message "3 channel dashcam does not support this setting" will be displayed.

Loop Recording: 1 Minute / 3 Minutes / 5 Minutes

The recording duration for videos can be set to 1, 3 or 5 minutes.

The available recording durations are relatively short in order to facilitate easier location of locked videos later. The main function of the dashcam is to record video in an emergency. The G-Sensor will automatically trigger emergency recording in the event of a collision. This video will be locked and can't be overwritten by loop recordings.

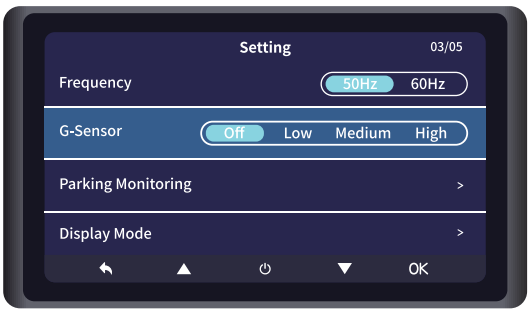
- Shorter locked videos are easier to find.
- Since the MicroSD card's capacity is limited, having longer locked videos would take more space and so will require you to backup locked files more often to free up space.

Sound Record: Close/Open

Turn this ON to record sound for more complete coverage. It can be turned OFF if privacy is a concern.

Exposure

Adjusts the exposure of the front camera. If the video appears so bright that important details are lost, then lower the exposure. If the video appears so dark that important details are lost, then raise the exposure. Find a good balance that will work best in your environment.



Frequency: 50Hz / 60Hz

For local AC power of 220V-240V, 50Hz should be selected.

For local AC power of 110V-120V, 60Hz should be selected.

G-Sensor: Off/Low/Medium/High

If the G-Sensor is turned on, the dashcam will lock the video when bumps are detected while driving.

Note: Recommended setting is low or medium.

Parking Monitoring (Only available if the optional hardwire kit has been installed). There are two parking Monitoring modes.

Mode 1: Collision boot recording

There are two methods to open this mode. **Note**: "Time Lapse" should not be turned on if you want to use this mode.

- **Method 1**: Turn on "Parking Mode" and set the "G-Sensor" mode to High, Medium, or Low.

- **Method 2**: Turn on "Parking Mode" and set the "Monitoring Sensitivity" to High, Medium, or Low. When the car is off, the camera will automatically turn off and a prompt "Enter parking monitoring mode" will be displayed on the screen. It will start recording when it senses any vibration on collision. The video file created in this mode will be locked automatically.

Mode 2: Time lapse recording

Turn on "Time Lapse", and set it to 0.5, 1, or 5 seconds. Set the Time-Lapse Recording Time to 12, 24, or 72 hours.

The "G-Sensor" should also be set to High, Medium, or Low.

When the car engine is switched off, the camera will automatically turn off. The prompt "Enter parking monitoring mode" will be displayed on the screen. The camera will turn on and automatically start recording when it detects a vibration on collision. The video file created in this mode will be locked automatically.

Note: Collision-boot-recording won't work with the Time Lapse turned on.

The recommended setting is low or medium.

Display Mode

Driving Mode / Always On / Auto LCD Off

Driving Mode: This is a screen saver mode that will activate after 30 seconds of non-activity from the user. It will have some basic information such as speed, time, direction, and date.

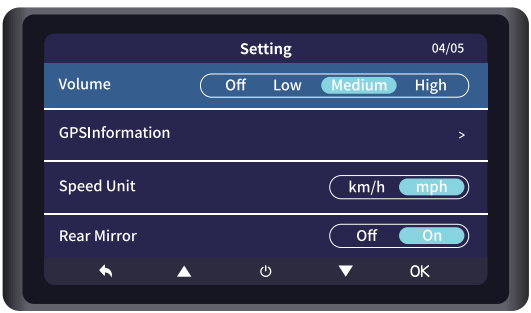
Example of Driving Mode

Always on: When choosing this setting, the dashcam's screen will always be on and showing a video feed from one or more of your cameras.

Auto LCD Off: When choosing this setting, the dashcam's screen will black out after 30 seconds. This is recommended if you want the least amount of distraction while driving.

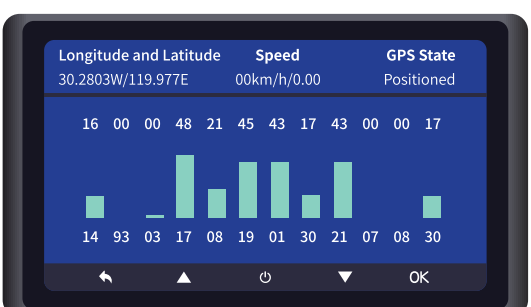
Volume

Set the volume of the dashcam.



GPS Information

This setting is used to track the Location, Speed, GPS state, and Signal Strength.



Speed Unit

Set the speed measurement unit you prefer in either km/h or mph.

Rear Mirror

After installing the rear camera, you may find that the rear camera screen is reversed horizontally. This can be corrected with this setting.

Rear Mirror Off

Rear Mirror On

Rear Flip (180°)

After installing the rear camera, you may find that the rear camera screen is upside down. This can be corrected by turning this setting on or off.

Rear Flip Off

Rear Flip On

Reset

This setting can be used to restore the dashcam's factory settings.

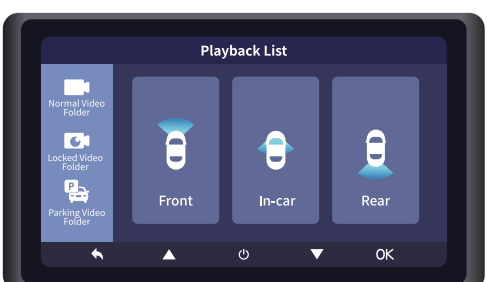
About

The information displayed here includes the Model number and the System Software Version. The latest firmware will be posted to: https://sansystechnology.com/dashcam-support

Playback on Camera

To enter the playback interface, from the homescreen, press the **UP** button.

Three folders are available: Normal Video Folder, Locked Video Folder and Parking Video Folder.

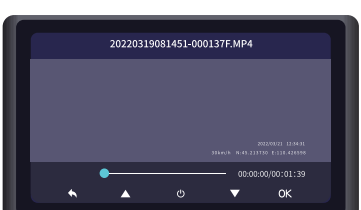


Within each folder, you will find three video lists: Front Video List, In-Car Video List and Rear Video List.

The names of Front videos end with an **F**, in-car videos with an **I**, and rear videos with an **R**.

Scroll up or down to select the video you want to play. Videos can also be deleted from this screen.

To lock or unlock a video, press the power button when the video is selected on the list. Locking a video will prevent the camera from recording over it.



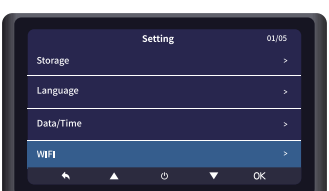
Play on App

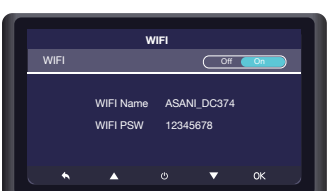
The WiFi feature enables you to pair the dashcam with a smartphone wirelessly to access dashcam recording instantly. This will allow you to view, download and share your videos easily. The "Asani Cam" app is free and it will allow you to operate the dashcam from a smartphone.

Installing the App and Connecting to Wifi

1. Download and install the "Asani Cam" app from the App Store or Google Play store, depending what mobile device you're on. Or find the appropriate link to the app from the support page at:
https://sansystechnology.com/dashcam-support

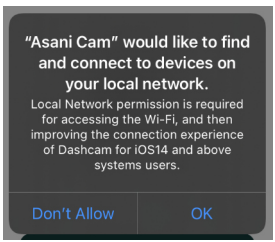
2. Turn on the WiFi setting in your dashcam settings to display the WiFi name and password screen.





4. Join the the WiFi network "Asani_DC374" by going into the Android phone or iPhone's Settings > WiFi > DC374 WiFi. Enter the default password:12345678 to connect.

3. Once connected, launch the “Asani Cam” app. Click “Allow While Using the App” and “OK” when prompted to enable permissions on the phone. On Android phones, the prompts will look very similar.

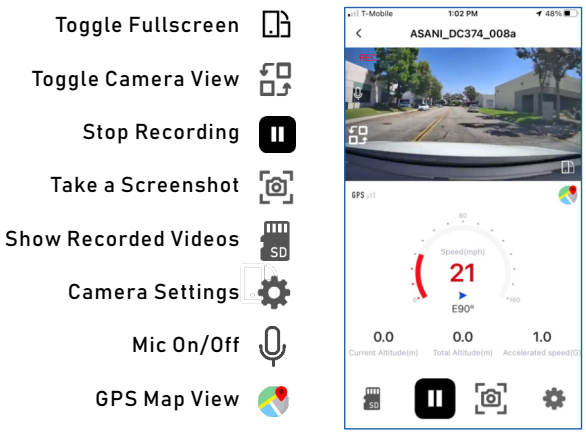


4. Once the dashcam has been connected to the network, launch the "Asani Cam"app and it will automatically sync to the dashcam. The live video feed from the camera should be displayed in the app. If you see a black screen with a loading icon instead of a live video feed, check to make sure that your mobile/cellular data is turned **OFF** on your phone. This will ensure that the phone is *only* streaming data from the dashcam’s direct WiFi network.

IMPORTANT NOTE: When you connect to the “Asani_DC374” network, it will say “No Internet”. This is normal and the app will function normally as long as the phone stays connected to this network. Please note that the physical buttons on the dashcam will not function while the phone stays connected.

LIVE VIEW Recording Interface

This is the “Live View” screen where you can see the video recording in real-time. From here, you have access to many options:



Toggle Fullscreen
Views the video in fullscreen (landscape mode) on your phone.

Toggle Camera View
Switches the display to show the front camera, inside camera, or rear camera. The rear camera must be plugged into the AV-IN port of the dashcam to display.

Stop Recording
This will stop the camera from recording. Be sure to turn it back on afterwards!

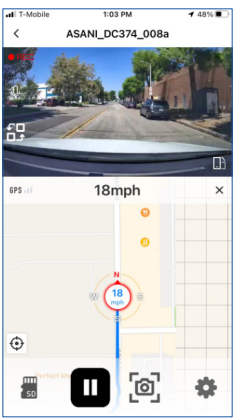
Take a Screenshot
This takes a still picture image of the video and saves it to the SD card.

Show Recorded Videos
Shows a list of recorded videos where you can then view and download footage.

Camera Settings
Access extra settings for the dashcam.

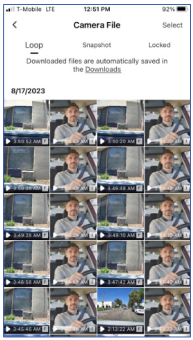
Mic On/Off
Enables and Disables sound recording.

GPS Map View
Switches from the speedometer view to the Google Maps view. To switch back to Speedometer view, click on the “x” icon on the upper-right of the map.



Google Maps View
(GPS Map View)

Viewing Recorded Videos



To view your recorded files, press on the SD icon.

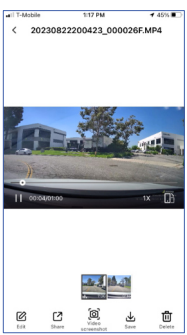
A grid of videos will appear which represents a list of videos that have been recorded on the SD card.

Front-view footage is labeled F. Interior-view footage is labeled I. Rear-view footage is labeled R.

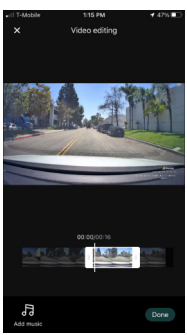
From here, you can select a file from the list to play, download, take a screenshot, or delete videos.

Once a file has been downloaded, it can easily be shared on social media channels.

Downloaded videos can be played with Google Maps displaying and showing your location and speed. An internet connection is required for the Google maps option to work.



In the playback screen, you have the option to edit, save, screenshot, and share videos.



In the edit screen, you can clip down only the part that you want to save.

Frequently Asked Questions

What is the range of the WiFi?

The WiFi signal range is around 10ft providing no obstructions are blocking the signal. When connecting the phone to the dashcam, it is recommended that the phone be inside the car or immediately outside your car door in order to ensure a consistent reliable connection.

Can I change the password?

Yes, the WiFi password in the app can be changed. Once the WiFi password has been changed, restart the dashcam and select “forget the network” on your smartphone phone. You can then reconnect with the new password. If you ever forget your password, you can do a factory reset which will reset the password as well as reset all your settings.

Why can't I use the app once I have completed all the steps correctly?

Our app may not be compatible with all smartphones due to there being so many models and iOS/Android versions. If you are not able to use the app, CONTACT US and provide us with the details of your smartphone model and iOS/Android version.

Why do I only get a black screen with a loading icon in the “Live View” screen?

You may have your cellular data turned on. Please turn it off off so that your phone can only receive data through the direct WiFi connection to the dashcam.