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[Other User Manuals QR Code]



1 Introduction

Thank you for purchasing FAS-CAM Dash Mount Camera.

This User Manual introduces information on how to operate your FAS-CAM. Before using your FAS-CAM, we strongly recommend that you read through this User Manual to ensure proper operation and full machine performance. For product performance improvement purpose, the contents of this User Manual and product specifications may change without prior notice.

Note

We highly recommend using Lexar microSD cards with FAS-Alliance dash cams. Our dash cams have been tested specifically for use with Lexar branded SD cards. We recommend using at least a 64GB U3 card for the F701-DR series. If connecting to our rear cam, we advise using a 64GB U3 or 128GB U3 card for best results. The F701-DR series supports up to 256GB max microSD cards. For those looking to use FAS-CAPTURE, FAS-MODE, or Parking Mode frequently, we recommend using a microSD card larger than 32GB due to the size capacity. However, a 32GB card can be used for regular use. Other brands of microSD cards may cause the processor to overheat and are not recommended. Please note that using an unrecommended brand may cause your warranty to be voided.

<u>Lexar® Professional 1066x microSDXC™ UHS-I Cards SILVER Series</u> - Best option for long term use <u>Lexar® microSDHC/microSDXC UHS-I Cards E-Series</u> - Acceptable option

When you first-time starting your FAS-CAM, please make sure to format your TF Card (SD Card) with your FAS-CAM, see chapter "**7.3.3 Format TF Card (SD Card)**" to continue this option.

2 Safety Information

For user's safety and to avoid property damage, read through this manual and follow these safety instructions to use the product properly.

DANGER Failure to observe the following directions could result in injury, death, or property damage:

General

- ▶ Do NOT disassemble, repair, or modify the product yourself.
- ▶ If any foreign matter gets inside the product, detach the power cord immediately.
- ▶ If smoke or an unusual smell is emitted from the power cord, detach the power cord from the power source immediately.
- Keep the terminals of the power cord clean.
- Use the correct input voltage.
- Do NOT cover the product with any material.
- ▶ Do NOT adjust the product while driving.
- Do NOT operate the product while driving.
- ▶ Do NOT install the product in a location where the product can interfere with the driver's field of vision.
- Check with your state and municipal laws before mounting the product to the windshield.
- ▶ Do NOT use a damaged or modified power cord and ONLY use the cords provided by the manufacturer.
- ▶ Use the power cable with the correct connector and make sure the power cable is connected securely and is firmly in place.
- Do NOT operate the product with wet hands.
- ▶ Do NOT install the product in an environment with high humidity, or combustible gases or liquids.

2 Safety Information

Children and Pets

▶ Ensure that the product is out of the reach of children and pets.

Other Information

- ▶ Use the product at a temperature between -15°C ~ 65°C (5°F ~ 149°F) and store the product at a temperature between -25°C ~ 75°C (-13°F ~ 167°F). The product may NOT function as designed and some permanent physical damages may result if it is operated or stored out of the specified temperature ranges. Such damages are NOT covered by the warranty.
- Frequently check the product for the proper installation position.
- ▶ Do NOT remove or insert TF Card (SD Card) / Micro SD Card while the camera is powered on
- ▶ Do NOT apply excessive force when pressing the buttons.
- Do NOT spray cleaning products directly onto the product.
- ▶ Do NOT use chemical cleaners or solvents to clean the product.
- ► Clean the product using a clean, soft, and dry fabric.
- Clean the lens regularly with professional lens cleaning product.
- Handle with care.
- ▶ Do NOT attempt to insert foreign objects into the device.
- Avoid excessive humidity and do NOT allow any water to enter the product. Electronic components inside the product may fail if exposed to excessive humidity or water.
- ▶ Do NOT spray water or wax directly onto the product while cleaning inside of the car.

2 Safety Information

Note

- ▶ Depending on the make and model of your car, the power may be constantly supplied to the Dash Mount Camera even when the ignition is turned off. Installation of the device to a continuously powered 12V outlet could result in vehicle battery drainage.
- ► This device is designed to record video while the vehicle is in operation. The quality of the video might be affected by weather conditions and the road environment, such as whether it is day or night, presence of street lighting, entering / exiting tunnels, and the surrounding temperature.
- ▶ FAS-CAM is NOT responsible for the loss of any recorded video during operation.
- ▶ Although the device was designed to withstand high-impact car collisions, FAS-CAM does NOT guarantee the recording of accidents when the device is damaged as a result of the accident.
- ► Keep the windshield and camera lens clean for optimal video quality. Particles and substances on the camera lens or windshield may reduce the quality of the recorded videos.
- ▶ This device is intended to be used inside the vehicle ONLY.

2 Safety Information

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

FAS-CAM

F701 F201

www.fasalliance.com

WARNING: 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.

NOTE: 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 more of the following measures:

Reorient or relocate the receiving antenna.

Increase the distance 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.

FCC CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

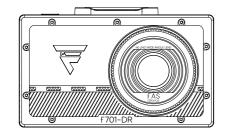
3.1 Box Content



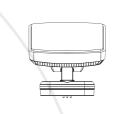
3.1.1 Standard Items

Front Camera F701-DR

F701-DR Front Cam



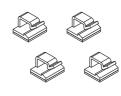
Front Camera Mount



Power Cable (Cigarette Lighter)



Cable Clips



Quick Start Guide







Alcohol & Dry Wipes



Extra 3M Tape



Cable Tucker Tool



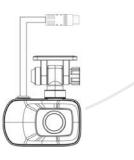
Stickers



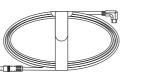
Installation Manual

Rear Camera F201-IR

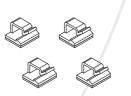
F201-IR Rear Cam



USB-C Extension Cable



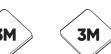
Cable Clips



Alcohol & Dry Wipes



Extra 3M Tape



3.2 Part Names

3.2.1 F701-DR Front Camera Front View

Power / Menu / Confirm Button

Power button: Press and hold about 5 seconds to turn on / off

the device

Menu Button: Press once to enter

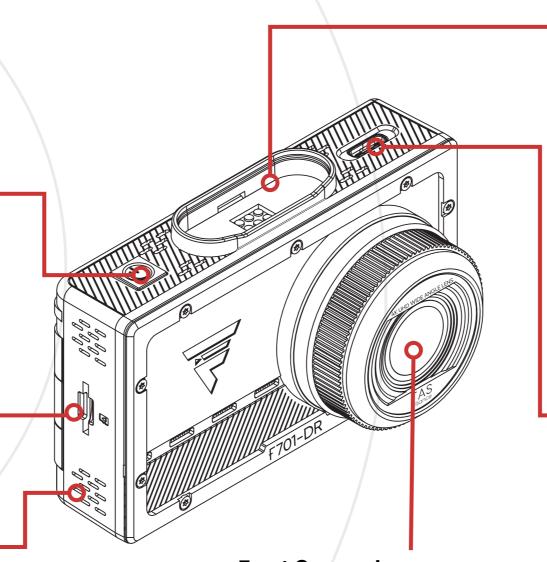
the Menu options

Confirm button: to confirm selections while in System Menu

TF Card (SD Card) Slot Insert memory card into slot

Speaker

Outputs device to indicate the device's status during power-on / shut-down, Menu selection sounds. and playback audio recording during video playback



Front Camera Lens Provides users a 4K full-view recording of 5 road lanes

Magnetic Front Camera Mount Bracket Slot

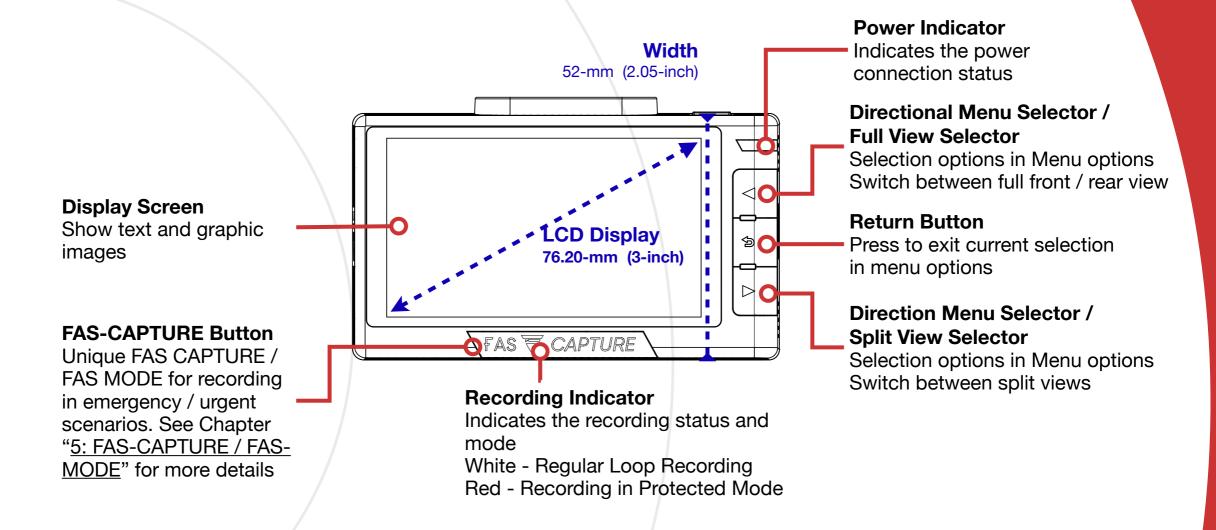
Connects the Front Camera GPS Mount Pin Connecter Side to the magnetic mount in order to power supply and connect to the GPS

Rear Camera Cable Port (if Rear Camera is purchased)

Connect with the F201-IR Rear Camera ONLY thru the USB-C Extension Cable included in the F201-IR box

3.2 Part Names

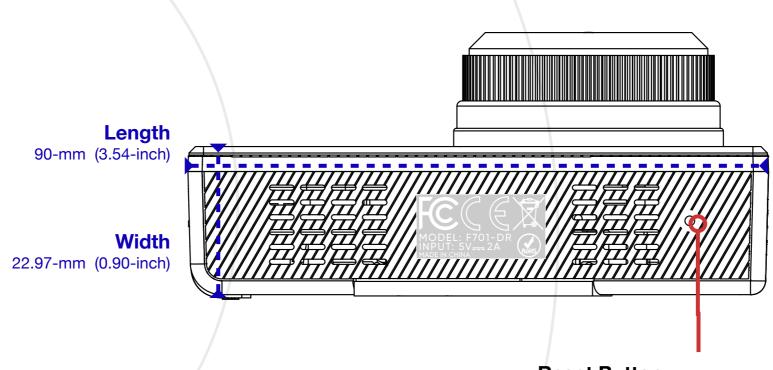
3.2.2 F701-DR Front Camera Rear View and Dimension



F701-DR Dimension	Length	Width	Height	LCD Display
Millimeter	90	52	22.97	76.20
Inch	3.54	0.90	2.05	3

3.2 Part Names

3.2.3 F701-DR Front Camera Bottom View and Dimension



F701-DR Dimension	Length	Width	Height
Millimeter	90	52	22.97
Inch	3.54	0.90	2.05

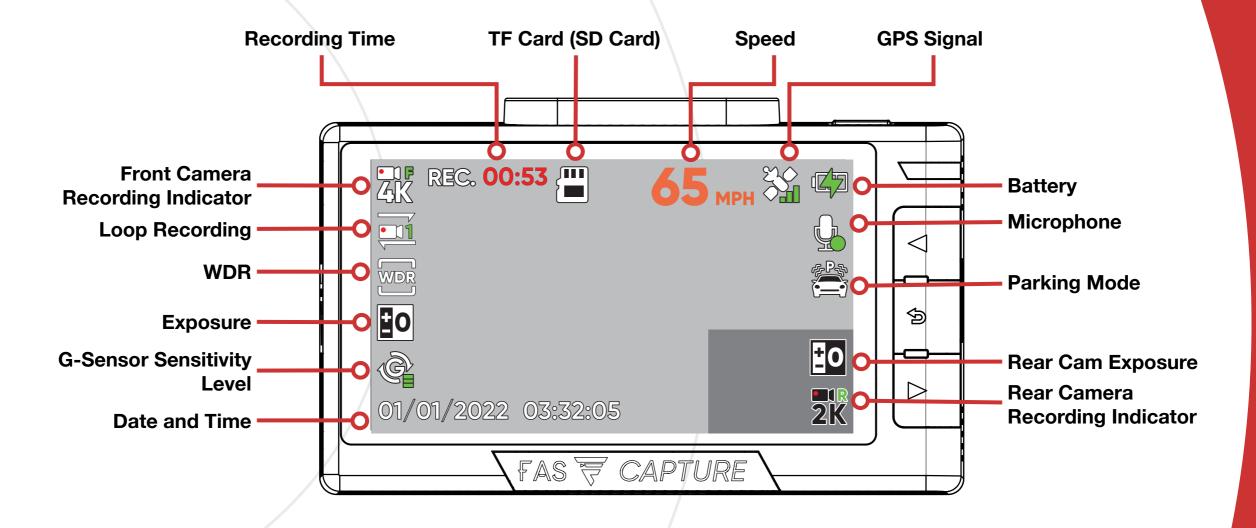
Reset Button

Press with a Pin to reset the Front Camera when needed

3.2 Part Names

3.2.4 F701-DR Front Camera View Display Icon Names

Icon Name Graph



3.2 Part Names



3.2.4 F701-DR Front Camera View Display Icon Names

Icon Name Chart

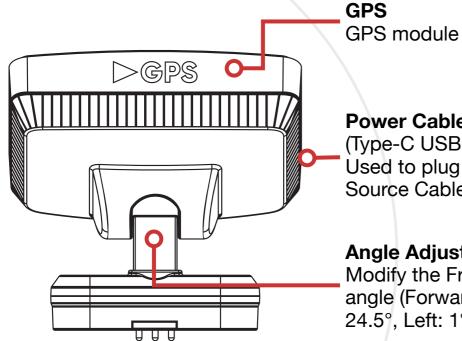
Icon Description		Icon	Description	
Front View Cam 4K Recording Enable		80	No GPS Signal	
2K	Rear View Cam 2K Recording Enable		GPS Signal Weak	
	Audio Recording Disabled		GPS Signal Moderate	
	Audio Recording Enabled	200	GPS Signal Strong	
(0)	Battery Power Depleted	@	G-Sensor Sensitivity Level Low	
	Battery Power 33% Available	_	G-Sensor Sensitivity Level Moderate	
(<mark> </mark>	Battery Power 66% Available	_	G-Sensor Sensitivity Level High	
(Battery Power 100% Available	<u> </u>	Loop Recording 1 Minute Length	
	Constant Power Source Connected	<u></u>	Loop Recording 2 Minute Length	
±3	Front / Rear Cam Exposure -3	<u></u>	Loop Recording 3 Minute Length	
<u> </u>	Front / Rear Cam Exposure -2		Parking Mode Disabled	
<u>± 1</u> <u>±</u> 1	Front / Rear Cam Exposure -1		Parking Mode G-Sensor & Motion Enabled	
Front / Rear Cam Exposure 0			Parking Mode G-Sensor Enabled	
Front / Rear Cam Exposure +1			Parking Mode Motion Enabled	
‡2 ‡2	Front / Rear Cam Exposure +2		TF Card in Use	
Front / Rear Cam Exposure +3			TF Card NOT Available	
WDR	WDR Enabled	=	TF Card Full	

3.2 Part Names

3.2.5 F701-DR Front Camera Dash Camera Mount and Dimension

Front View

Rear View

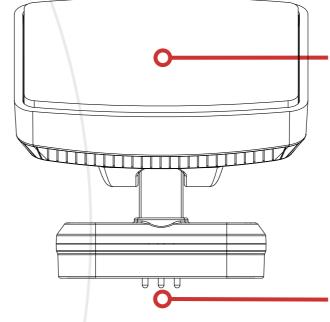


Power Cable Port

(Type-C USB 5.2V) Used to plug in the Power Source Cable ONLY

Angle Adjustment

Modify the Front Camera view angle (Forward: 40°, Back: 24.5°, Left: 1°, Right: 1°)



Adhesive Tape Side

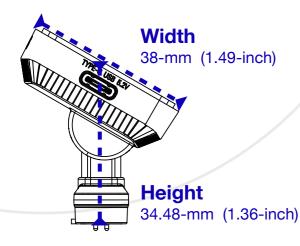
Place a 3M Tape on the top and mount the Dash Cam to a designated location

Pin Connecter Side

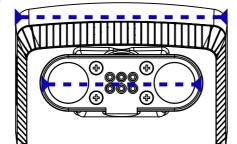
Attach the connecter pins into the F701-DR

Front Camera Bracket





Bottom View



Length

47-mm (1.85-inch)

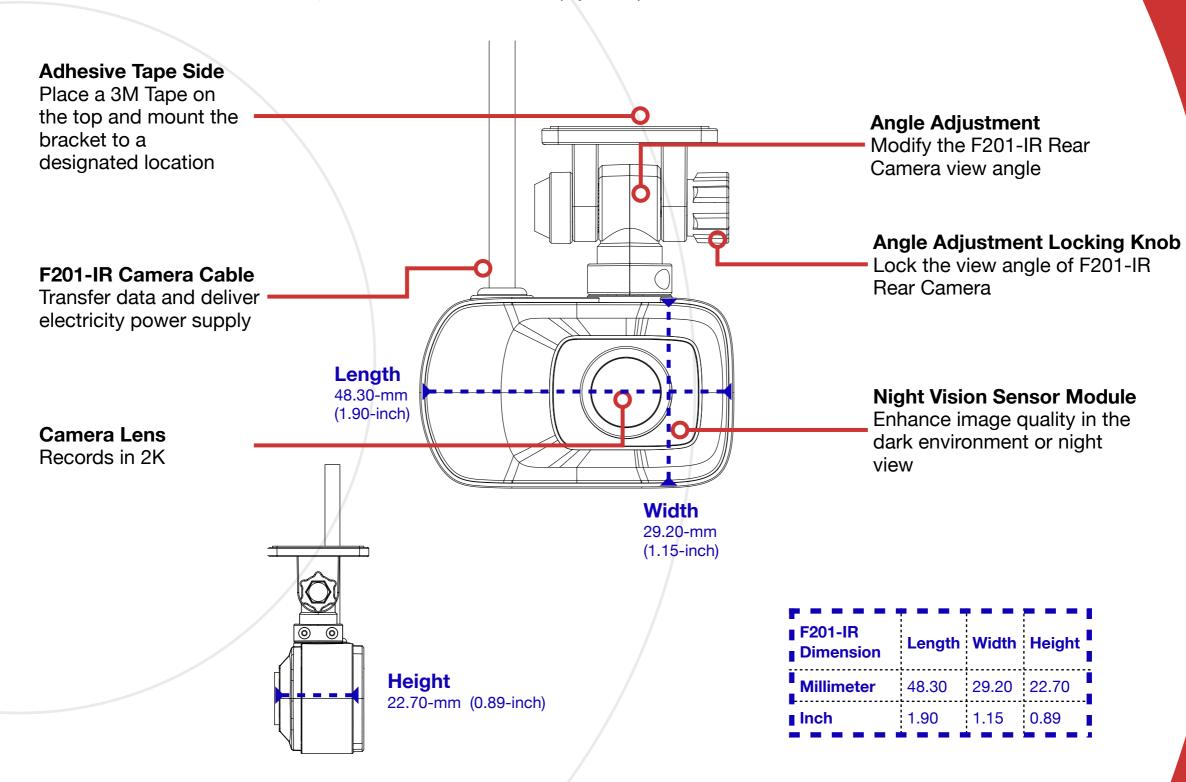
Connector

36.12-mm (1.42-inch)

	F201-IR Dimension	Length	Width	Height	Connector
İ	Millimeter	47	38	34.48	36.12
	Inch	1.85	1.49	1.36	1.42

Slot

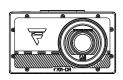
3.2 Part Names 3.2.6 Rear Camera (Optional) Front View and Dimension



4 Installation

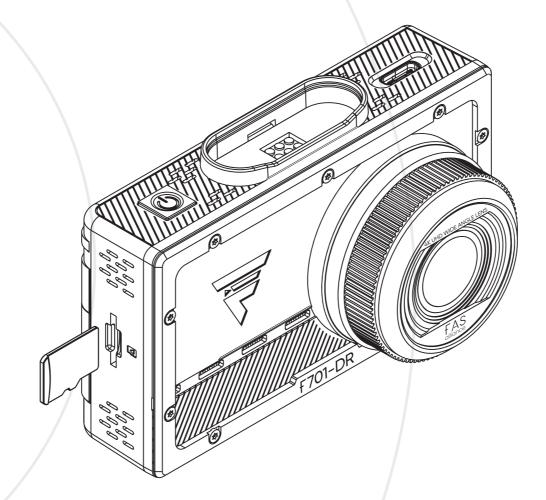
4.1 F701-DR Front Camera Installation

4.1.1 Insert TF Card (SD Card)





*Memory card not included.



Insert the memory card into the memory card slot in the front camera.

Recommended Brand

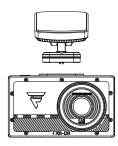


<u>Lexar® Professional 1066x microSDXC™ UHS-I Cards SILVER Series</u> - Best option for long term use <u>Lexar® microSDHC/microSDXC UHS-I Cards E-Series</u> - Acceptable option

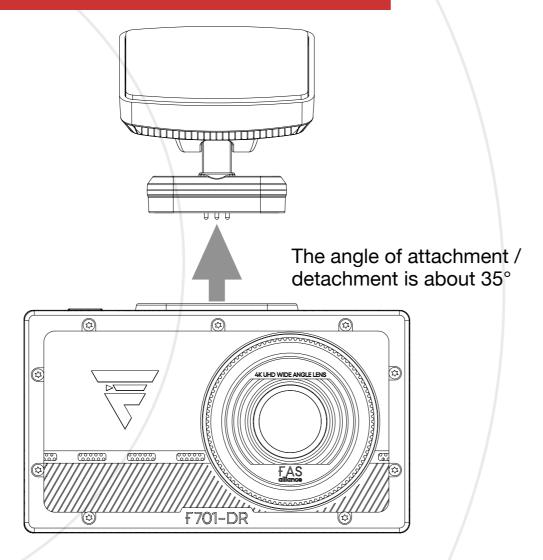
Installation

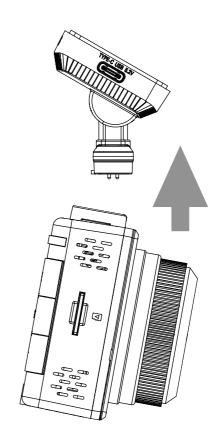
4.1 F701-DR Front Camera Installation

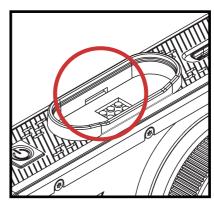




Unit test helps users ensure that camera functions are working properly before they proceed to the installation.









- ► The angle of attachment / detachment is about 35°.
- ► There is a small indentation where the mount hook attaches. Be careful not to snap off the hook by forcing an incorrect angle



Installation

4.1 F701-DR Front Camera Installation

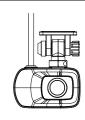
*Skip this step if you only purchased the F701- DR front camera.



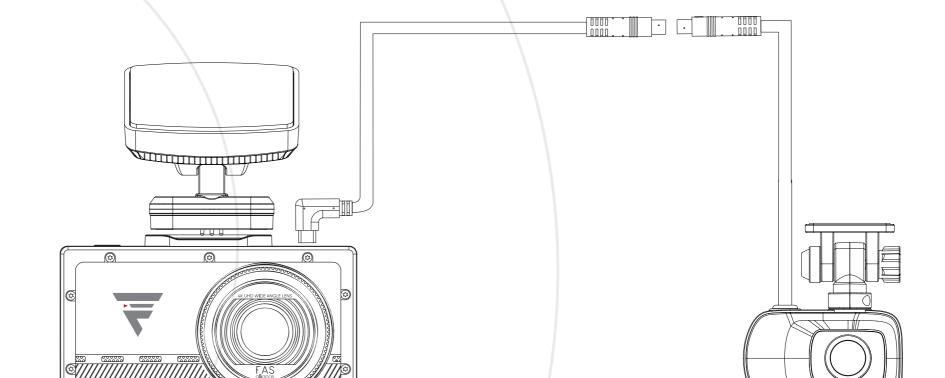
4.1.2 Unit Test











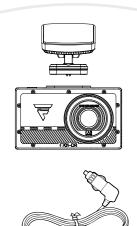


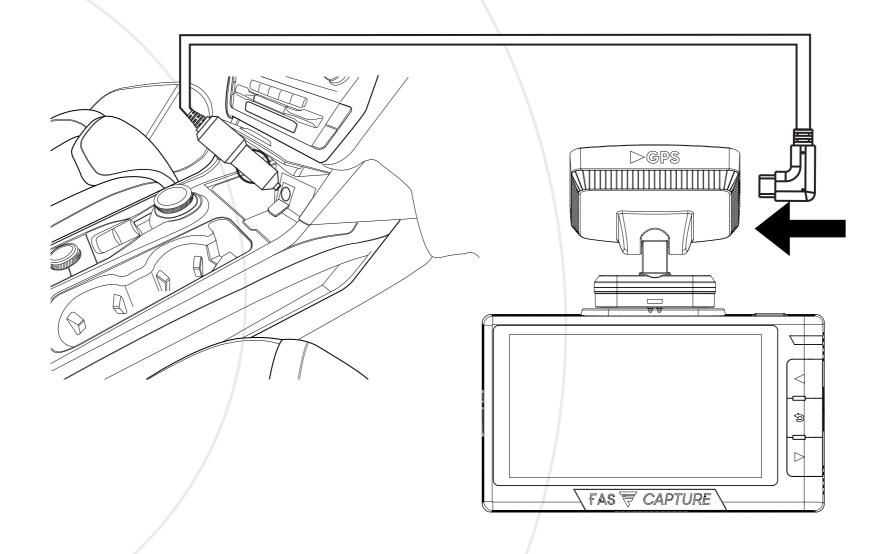
Locate the rear camera and rear camera USB-C Extension Cable. Connect the front camera and the rear camera using the rear camera USB-C Extension Cable.

4 Installation

4.1 F701-DR Front Camera Installation









Locate the power cable. Connect the power cable to the car cigarette lighter socket and the other end of the power cable to the front camera mount.

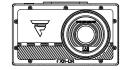
Installation

4.1 F701-DR Front Camera Installation

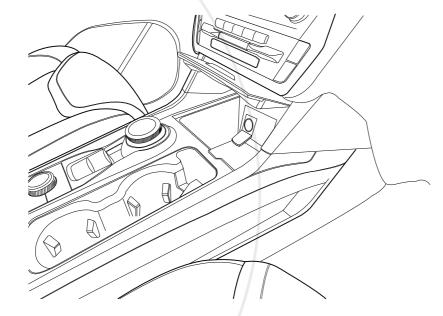


4.1.2 Unit Test











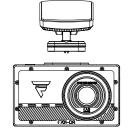
- Recording Indicator: ON RED (while recording during protected mode)
- Power on the front camera by starting the vehicle ignition.
- ▶ Remove protective covering on camera screen and lens.



4 Installation



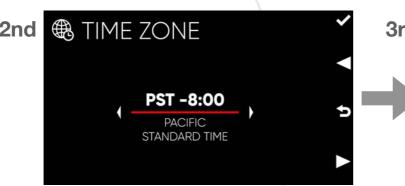




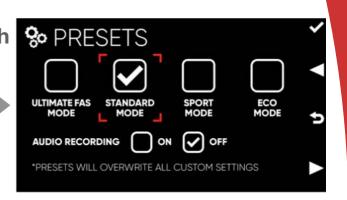












- Language: select a preferred system language.
- Time Zone: select your time zone.
- Daylight Saving: select ON or OFF base on your time zone and local regulation.
- Presets: "Eco Mode", and Audio Recording "OFF" will be the default setting. We recommend to select "Standard Mode" during this setup.

Refer to Chapters:

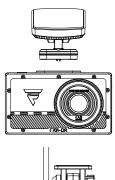
7.1.1.2 Presets Mode
7.1.1.2 & 7.2.3 Audio Recording
7.3.1 Date & Time settings
in this User Manual for the comprehensive feature setup instruction.

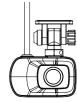


Installation

4.1 F701-DR Front Camera Installation

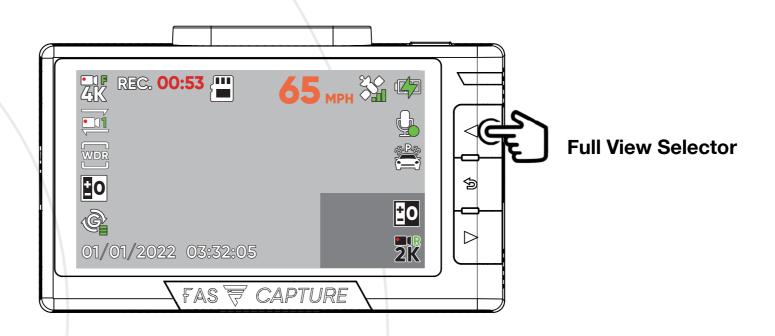












- After complete the initial setup, system will automatically switch to Main View.
- ► If you purchased the F201 rear cam, use the > button to switch between front and rear views.
- ► Check "Front View" and "Rear View" to confirm they are being displayed.
- If any of the views fails to show, or if you experience any malfunction. Please review chapter "10: Troubleshoot" in this User Manual.



Installation

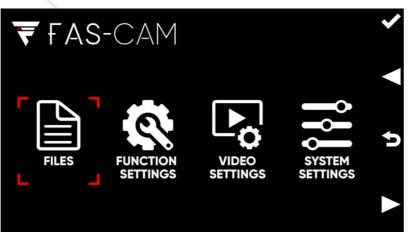
4.1 F701-DR Front Camera Installation

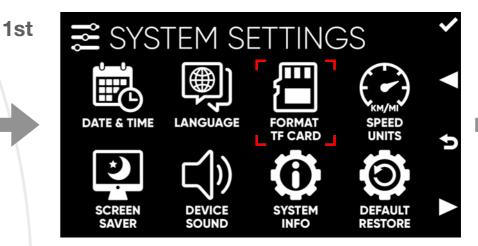
► 4.1.2 Unit Test

3rd

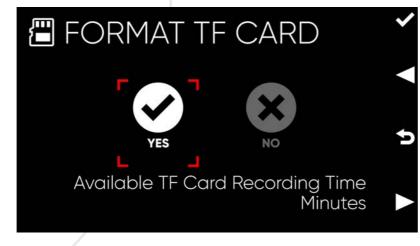
► We recommend formatting the TF Card (SD Card) using the camera's internal format application before initial recording.







2nd





- ► Enter MENU
- ▶ Navigate to SYSTEM SETTINGS ▶ FORMAT TF CARD
- ► Select ✓ YES
- ► A "WARNING MESSAGE" will pop-up
- ► Select ✓ option and press ७ key to confirm

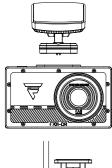
NOTE: The estimated "Available TF Card (SD Card) Recording Time (Minutes)" info will be displayed at the bottom of the page

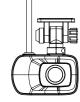
Installation

4.1 F701-DR Front Camera Installation

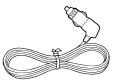


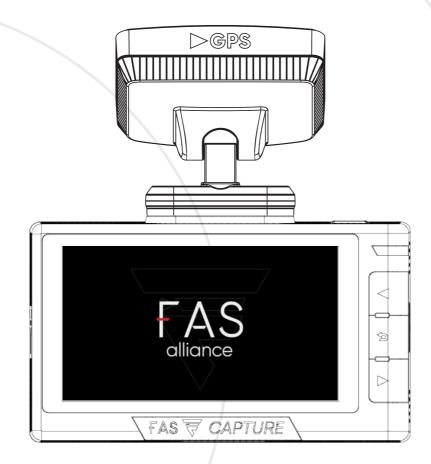
4.1.2 Unit Test

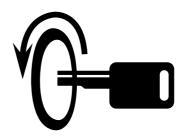












Power-off the vehicle ignition

- Power off the front camera by turning off the vehicle.
- Disconnect the power cable.
- Disconnect the rear camera cable from both the rear camera and front camera.
- Keep the mount attached to the front camera.



Installation

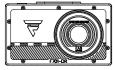
4.1 F701-DR Front Camera Installation



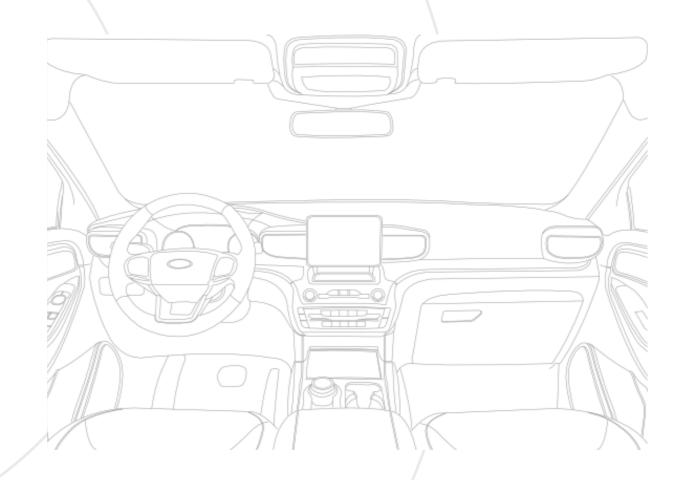
4.1.3 Front Camera Pre-Alignment



* Check with your state and municipal laws before mounting the product to the windshield



This step helps users find their desired front camera placement before using 3M adhesive tape to attach the mount to the windshield.





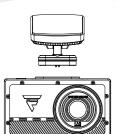
▶ While the front camera is connected to the front camera mount, determine the desired placement on the windshield.

Installation

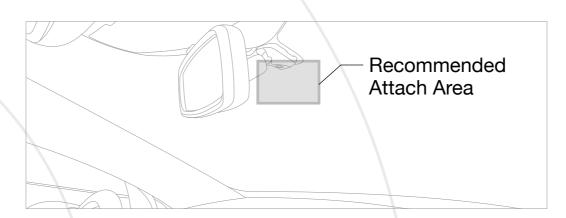
4.1 F701-DR Front Camera Installation



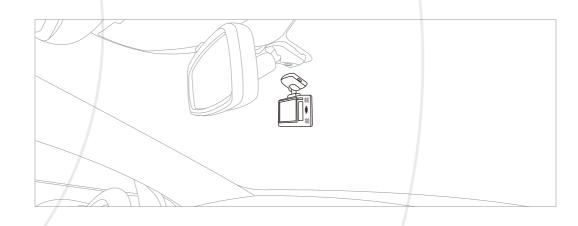
4.1.4 Surface Preparation







▶ Before attaching the mount, use the alcohol pads to wipe down the area on the windshield.



After using the alcohol pads, use the cleaning cloth to dry the area.



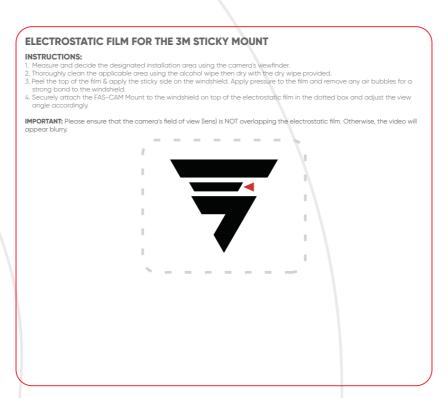
Installation

4.1 F701-DR Front Camera Installation



4.1.5 Optional Electrostatic Film





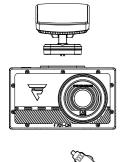
- ► The electronic film is an optional step for those who do not wish to apply the 3M tape directly onto the window. Using this static film, you can apply the mount on the designated boxed area.
- Make sure the box on the electric static film is on the area you selected for the mount placement.
- ▶ Peel the backing off the static film and apply it smoothly onto the clean surface. Push out any residual bubbles.
- NDICATOR LIGHT

 ► Camera:

 OFF
- Peel off the 3M adhesive backing from the bottom of the mount and attach the mount into the indicated box on the static film or the desired location on the windshield if applying directly.

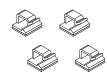
4.1 F701-DR Front Camera Installation

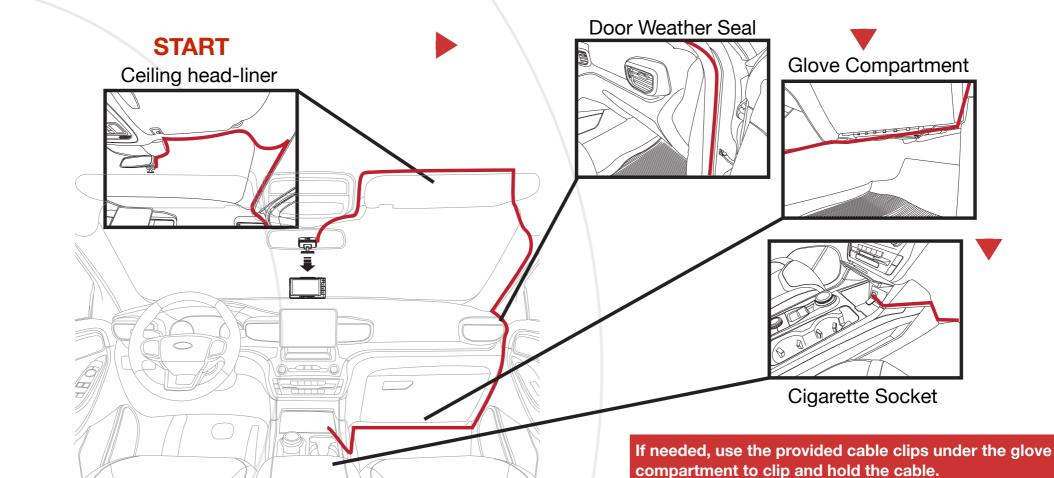
4.1.6 Power Cord Wiring Placement - Cigarette Lighter











- Dismount the front camera from the front camera mount.
- Extend the power cable and connect it to the mount.
- Place the power cable in between the vehicle body and the vehicle interior trim by using the cable tucker tool provided.
- Plug the power cable into the cigarette lighter socket outlet.
- Remount the front camera to the front camera mount.

Depending on the vehicle types and models, cable routing might be done either through the driver side or the passenger side. However, for most of the vehicle types and models, the passenger side usually provides less obstacles than the driver side. Determine the path you would wish to tuck the cables.





Video Tutorials

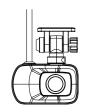


Follow along with our installation video for a smoother installation

Installation

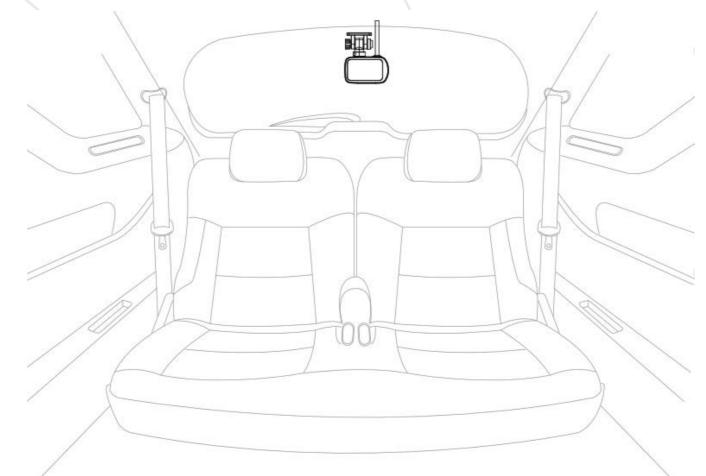
4.2 F201-IR Rear Camera Installation







*Skip this step if you only purchased the F701- DR front camera.



- ▶ Place the rear camera on the back windshield to find the desired placement location.
- ▶ Before attaching the mount, use the alcohol pads to wipe down the area on the windshield and use the cleaning cloth to dry the area.



Rear camera can also be used as an internal camera to view the inside of the vehicle and can be attached anywhere the user sees fit. Rear camera installation guide is only a suggestion.

Installation

4.2 F201-IR Rear Camera Installation

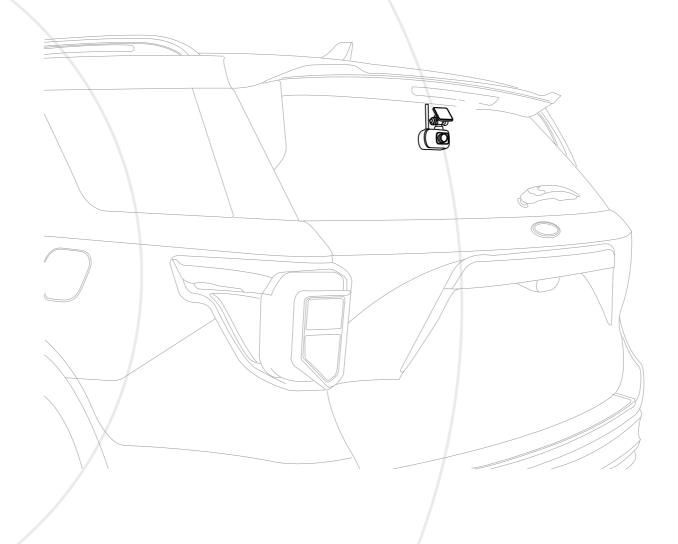


4.2.1 Rear Camera Installation





*Skip this step if you only purchased the F701- DR front camera.





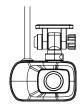
▶ Peel off the backing of the pre-attached 3M adhesive on the rear camera. Attach the rear camera to the desired location on the back windshield.

Installation

4.2 F201-IR Rear Camera Installation



4.2.3 Rear Camera Wiring Route and Placement

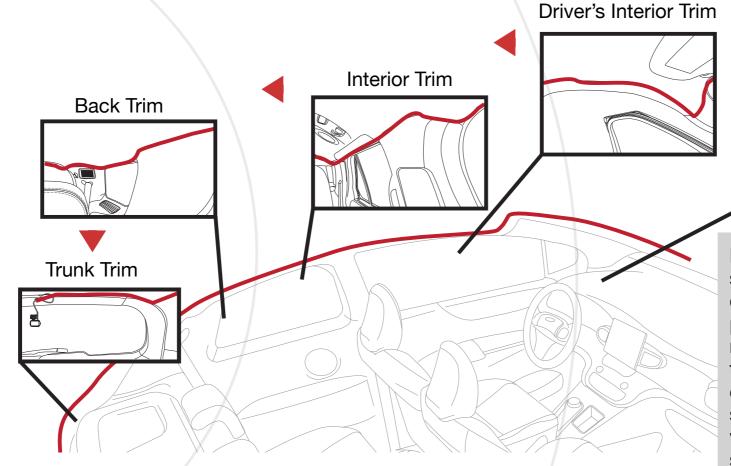


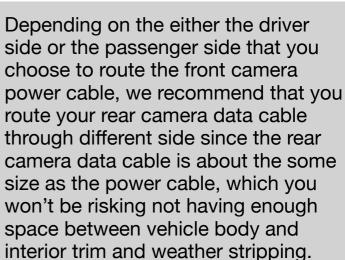
*Skip this step if you only purchased the F701- DR front camera.







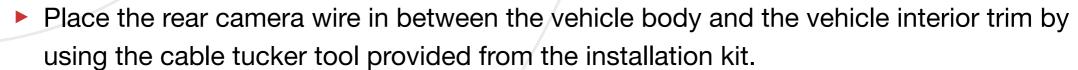




START

Ceiling Trim







Installation

4.2 F201-IR Rear Camera Installation



4.2.4 Rear Camera Wiring Route and Placement for SUVs



*Skip this step if you only purchased the F701- DR front camera.

**SUV's or Vehicles with Tailgate Trunks Only

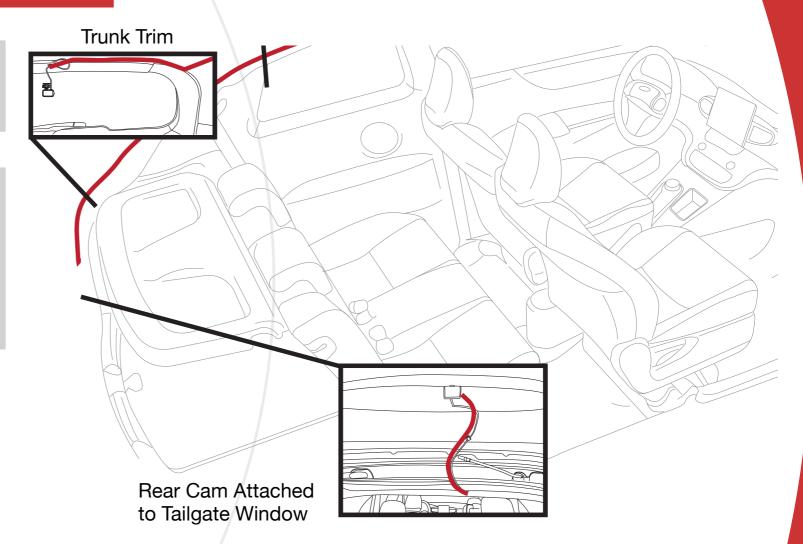


If needed, set the cable clip on top of the rear deck to clip and hold the cable.





For SUVs, position the rear camera wire between the vehicle ceiling and trunk door. This will account for the extended distance between the ceiling and trunk when the trunk door is fully opened.



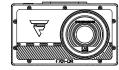


Leave out enough cable that allows the rear cam stays connected without putting any tension on the cable when opening and closing the tailgate.

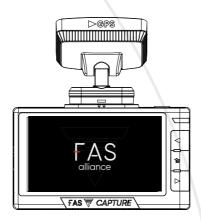
Installation

4.3 Power-On

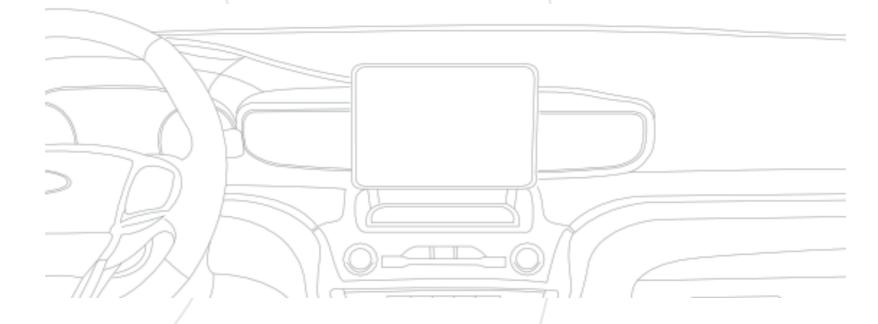








It is recommended to keep a portion of the vehicle engine hood in the front view of the camera.





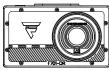
- Power-on the front camera by starting the vehicle ignition.
- View the displayed front view and adjust the front camera to the desired angle.

Installation

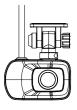
4.3 Power-On



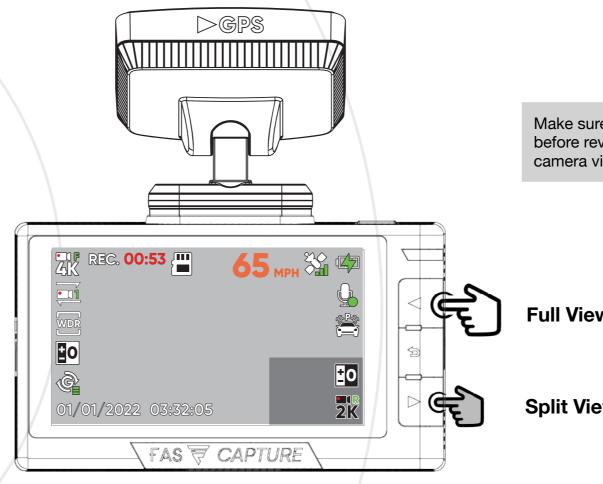
*Skip this step if you only purchased the F701- DR front camera.











Make sure to close the trunk door before reviewing the displayed rear camera view on the front camera.

Full View Selector

Split View Selector

- ▶ Use the button to switch the displayed view to "Rear View".
- View the displayed rear view and adjust the rear camera to the desired angle.
- ▶ Use the ◀ or ▶ button to switch between views.



5. FAS-CAPTURE / FAS-MODE

5 FAS-CAPTURE / FAS-MODE

5.1 FAS-CAPTURE

FAS-CAPTURE Instant



FAS-CAPTURE will capture your desired image in place so you don't need to rewind your videos to search for important info. It protects and locks previous, current, and next loop recording clips from being accidentally overwritten.

To use: Press FAS-CAPTURE once to screenshot and protect your current recording. Users will hear a camera shutter sound.

Files being protected: Screenshot photo during click & protect the *previous*, *current*, and *next* loop recording clips.

Protected Videos will be under Menu ▶ Files ▶ Protected

Screenshot Photos will be under Menu ▶ Files ▶ Photos

- Power: ON
- Recording: RED ON (while recording during protected mode)

5. FAS-CAPTURE / FAS-MODE

5 FAS-CAPTURE / FAS-MODE

5.2 FAS-MODE

FAS-MODE Continuous



Press and hold

To use: Click FAS-CAPTURE button three times OR press and hold for 5 seconds. A red frame will appear on the screen.

To exit: Press and hold the return button for 5 seconds.

Files being protected: previous and current (until manual exit) loop videos

Protected Videos will be under Menu ▶ Files ▶ Protected

FAS-MODE will continuously record the scenes on the road in protected mode until you exit FAS-MODE. This feature gives you peace of mind in the event of an emergency so you won't have to worry about losing important footage.

- Power: ON
- Recording: RED ON (while recording during protected mode)

5 FAS-CAPTURE / FAS-MODE

5.2 FAS-MODE



5.2.1 When to Use

USE FAS-MODE TO PROTECT YOUR FILES

Activate FAS-MODE to protect video files from being overwritten and to continue recording when emergencies occur.

FAS-MODE ensures strong evidence is preserved for police investigations and insurance claims if you encounter emergencies, accidents, collisions, etc.

- Power: ON
- Recording: RED ON (while recording during protected mode)



5 FAS-CAPTURE / FAS-MODE

5.2 FAS-MODE



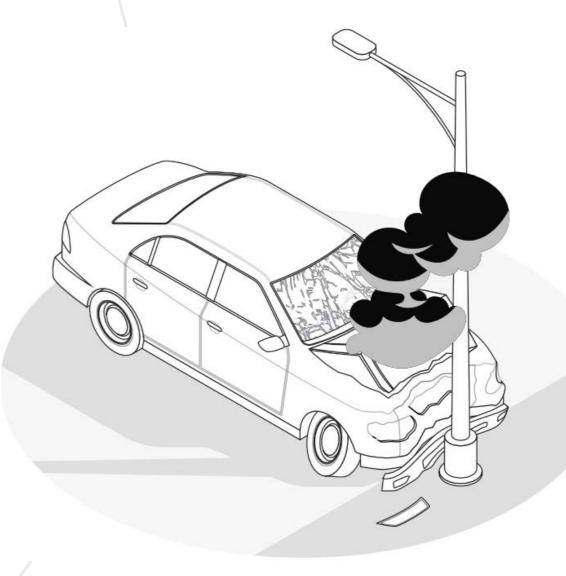
5.2.1 When to Use

USE FAS-MODE TO

CONTINUOUSLY RECORD WHEN THE ENGINE IS OFF

Activate FAS-MODE to continue to record videos using the camera's internal battery. The camera can detach from the vehicle for handheld use to record wherever the evidence is located.

- Power: ON
- Recording: RED ON (while recording during protected mode)



5 FAS-CAPTURE / FAS-MODE

5.2 FAS-MODE



5.2.1 When to Use

USE FAS-MODE TO

RECORD VIDEOS WHEN YOUR PHONE

IS UNAVAILABLE

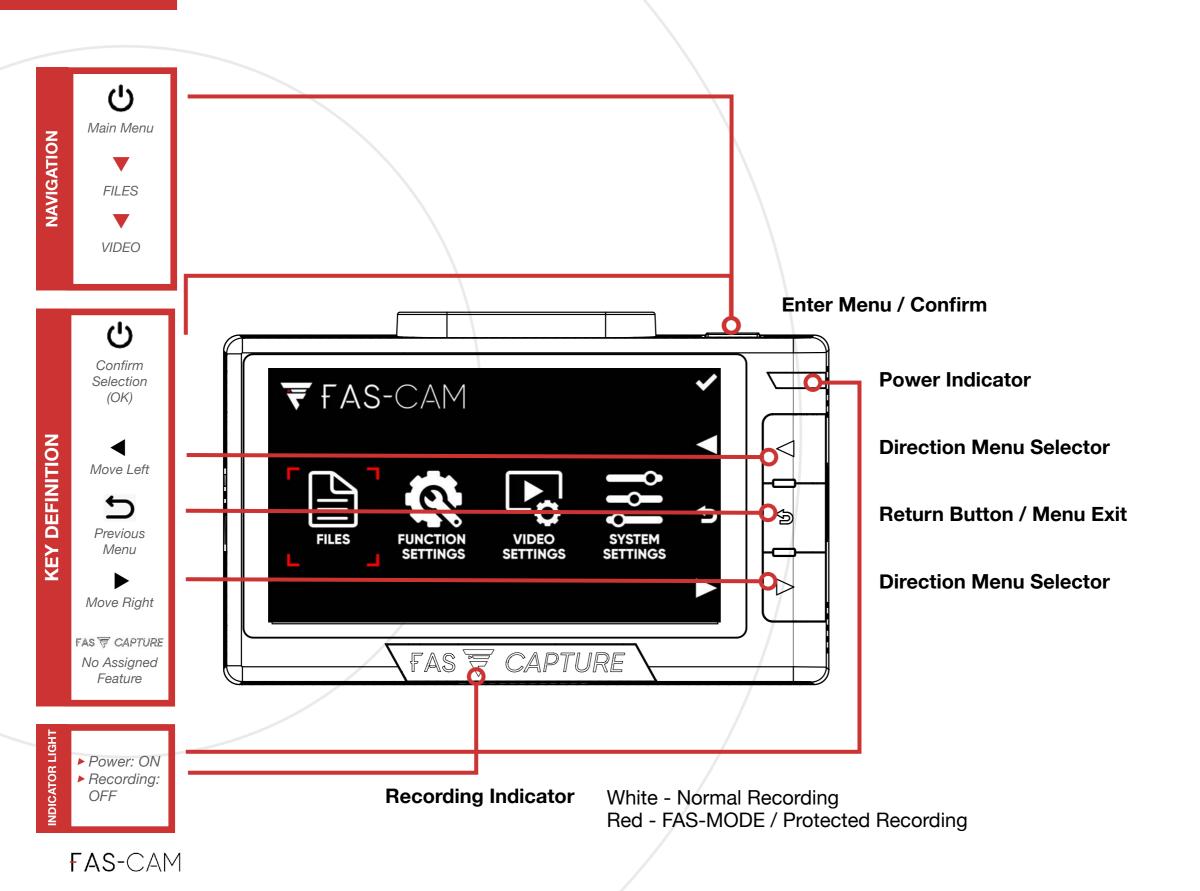
Use FAS-MODE if you need to record videos of the accident while using your cell phone to call emergency responders.

FAS-MODE will continue to record events while the driver can get out of the car to check on the actual situation or call for help.

- Power: ON
- Recording: RED ON (while recording during protected mode)



How to Read Side Bar

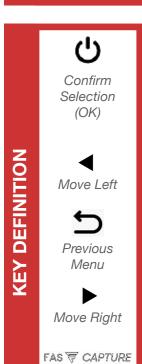


6.1 Recording



6.1.1 Power-on and Start Recording

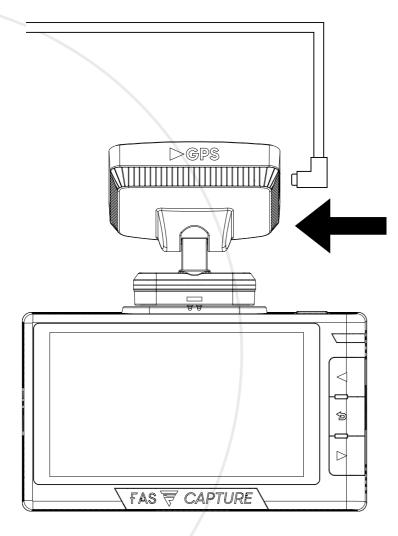






No Assigned

Feature

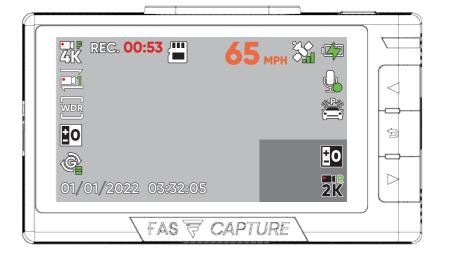


- Connect the power cable to the camera and the car's power source.
- Start the engine.
- Device will turn on automatically after a few 5 seconds.

Startup View



Recording View



- Format the TF Card before your first use.
- Rear view camera will NOT turn on if there is no external power source
- Never take out TF Card (SD Card) when recording

6.2 Playback

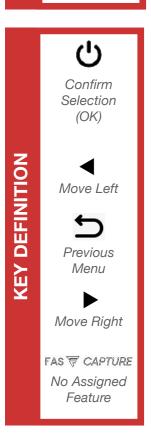


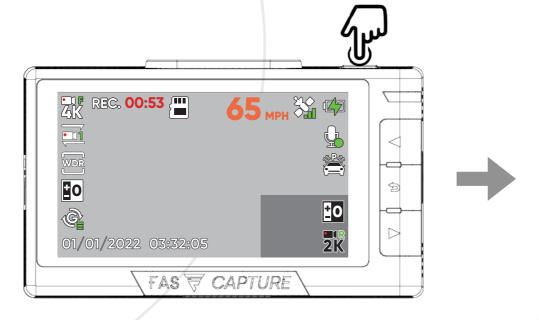
6.2.1 Browse File

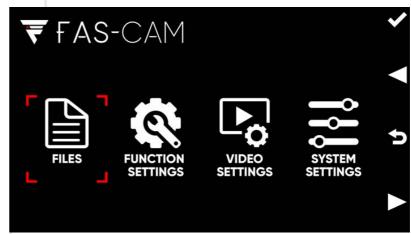


FUNCTION DEFINITION

To playback past video recording on the camera. To playback on the computer see Chapter "8: Video Playback App"







6

Operation

6.2 Playback



6.2.1 Browse File



FILE TYPE

Key	Function / Description		
VIDEO	MOV video file		
PROTECTED	Protected MOV video file		
РНОТО	JPG image file		

FILE NAME

		Date	Time	View source
Exampl	е	220603	144437	F/R
Format		YYMMDD	HHMMSS	Front / Rear

Browse VIDEO or PHOTO



(Orly



Previous Menu

KEY DEFINITION



FAS ♥ CAPTURE

DELETE

Play / View

Select a video, and press \circlearrowleft key to enter player (see <u>6.2.3 Play and Pause</u> video to continue with this option)

Delete

Select a designated video or photo to delete directly by press FAS TO CAPTURE key (see next page to continue with this option)





Or





► Power: ON
► Recording:
OFF

Note: Photos are taken via FAS-CAPTURE

6.2 Playback

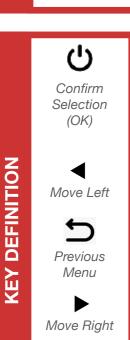


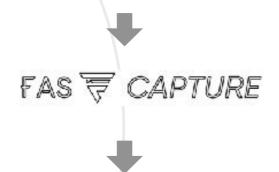
6.2.2 Delete Files

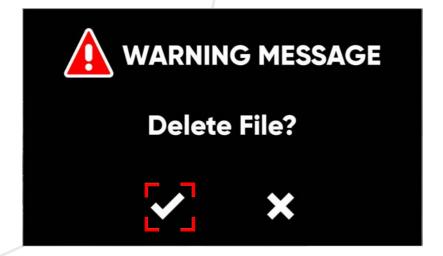












- ► In "VIDEO" or "PHOTO" folder, press

 FAS

 CAPTURE to delete the selected video
- "WARNING MESSAGE Delete File?" option:
 - Select ✓ option, and press ৺ key to confirm
 - 2. or select **×** option, and press **७** key to exit

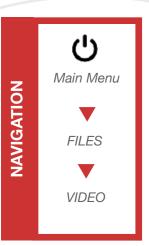
FAS TO CAPTURE

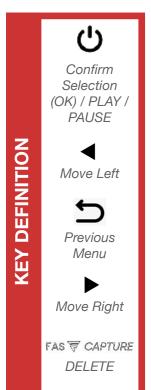
DELETE

6.2 Playback



6.2.3 Play and Pause File













Player PAUSE



- ► In "VIDEO" folder, select a video and press U key to enter player
- Press U key to **PLAY** current video
- ▶ Press ७ key again to **PAUSE** the video
- ► Exit Player

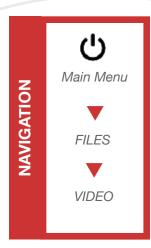
 Press key to exit file player
- Protect File

Press FAS TO CAPTURE key to "PROTECT FILE" (see next page to continue with this option)

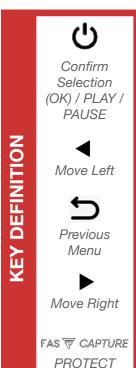
6.2 Playback

► 6.2.4 Protect and Unprotect File

6.2.4.1 Protect File









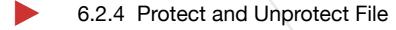


Protect File

- ► Press FAS ♥ CAPTURE key to "PROTECT FILE"
- Warning Message: "FILE PROTECTION Protect or Unprotect File?"
 - Select ♥ option, and press ఄ key to "PROTECT FILE" on Warning Message window. Then, this file will be moved into "PROTECTED" folder
- 2. Select ³ option, and press ⁴ key to exit.

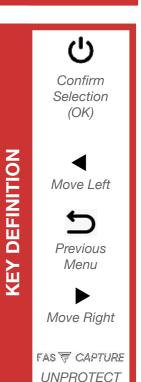
FILE

6.2 Playback



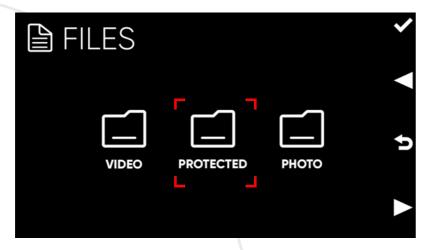
► 6.2.4.2 Unprotect File







FILE





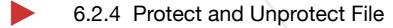




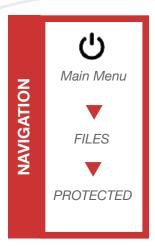
- ► In "FILES" menu, select "PROTECTED" folder, and press U key to confirm the selection
- Unprotect File
 - 1. Press FAS ₹ CAPTURE key
 - 2. Warning Message: "FILE PROTECTION Protect or Unprotect File?"
 - ► Select © option to "PROTECT FILE
 - ► Select ® option to "UNPROTECT FILE"
- Play Video

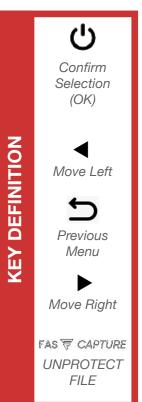
Press \circ key to enter player (see next page to continue with this option)

6.2 Playback

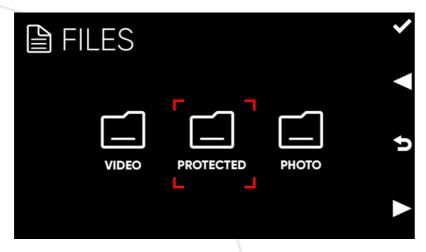


6.2.4.2 Unprotect File















After enter the player, press U key to play or pause current file

Unprotect File During Video Playback

- 1. Press FAS ₹ CAPTURE key
- 2. Warning Message: "FILE PROTECTION Protect or Unprotect File?"
 - ► Select © option to "PROTECT FILE
 - ► Select ③ option to "UNPROTECT FILE"



Confirm Selection

(OK)

Move Left

Previous Menu

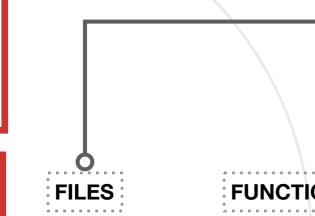
Move Right

FAS TO CAPTURE

No Assigned Feature

KEY DEFINITION

Menu Display Overview



FUNCTION SETTINGS

VIDEO : **PROTECTED**

PHOTO:

PRESETS

G-SENSOR :

LOOP RECORDING

SCREEN BRIGHTNESS

INDICATOR LIGHT

PARKING MODE

REARCAM NIGHTVISION:

VIDEO SETTINGS

EXPOSURE

FAS-CAM

Main Menu 🖰

AUDIO RECORDING

STAMP DISPLAY

ROTATE REAR CAM

EXPOSURE REAR CAM

SYSTEM SETTINGS

DATE & TIME

FORMAT TF Card (SD Card)

SPEED UNITS

DEVICE SOUND

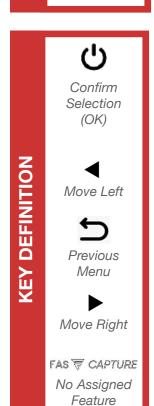
SYSTEM INFO

DEFAULT RESTORE

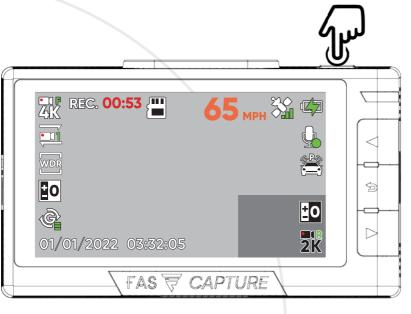


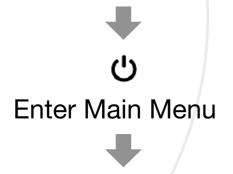
System will not be recording when in the menu. System will not activate SCREEN SAVER when in the menu

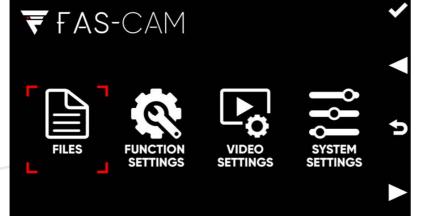












© FUNCTION SETTINGS

On DDECETS

PRESETS	easy preset setup	ULTIMATE, STANDARD, SPC	DRTS, ECO
G-SENSOF	R adjust impact detection/vi	deo lock LOW, MED, I	HIGH, OFF
LOOP REC	ORDING set video recordi	ng length before overwriting	1,2,3 MIN
SCREEN BI	RIGHTNESS adjust intensit	y of screen light AUTO, NORM	AL, SUNNY
-A- INDICATOR	R LIGHT set indication light		ON, OFF
PARKING N	10DE ACC wire connection	required MOTION, G	9-SENSOR

VIDEO SETTINGS

REARCAM NIGHTVISION activate cabin view

-0 AIDEO OF LILLACO	
EXPOSURE adjust brightness of video files	-3, -2, -1, 0, 1, 2, 3
REFRESH RATE adjust speed of video display	50 HZ, 60 HZ
AUDIO RECORDING adjust audio on video recordings	ON, OFF
STAMP DISPLAY select info display DATE & TIME, GPS	S LOCATION, SPEED
ROTATE REAR CAM adjust video display STAN	IDARD, 180 DEGREE
EXPOSURE REAR CAM adjust brightness of rear cam	-3, -2, -1, 0, 1, 2, 3

₹ SYSTEM SETTINGS

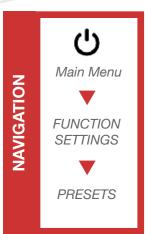
DATE & TIME	easy date and time setu	p TIME ZONE, DAYLIGHT SAVINGS, AUTO
LANGUAGE	ui language settings	ENGLISH, SPANISH, FRENCH, CHINESE
SPEED UNITS	easy unit conversion	KM, MI
SCREEN SAVE	R set screen blackout t	ime 1 MIN 3 MIN 5 MIN OFF

AUTO, ON, OFF

7.1 Function Settings

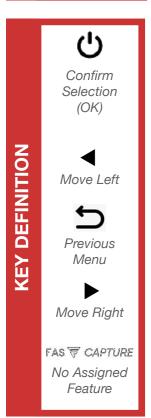


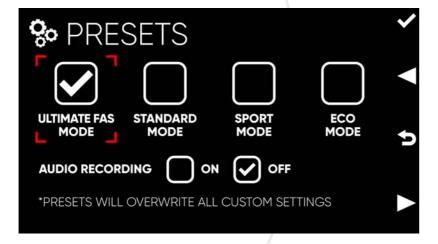
7.1.1 Presets



FUNCTION DEFINITION

The only dash cam on the market to offer presets for easy user setup. Using Presets will overwrite any custom settings. You can easily change your settings for a more personalized user experience.





FUNCTION OPTIONS

- ULTIMATE FAS
- STANDARD
- **SPORT**
- ► ECO
- AUDIO RECODING ON / OFF audio in video playback "AUDIO RECORDING" option can also be set at 7.2.3 Audio Recording
- **Default Setting** ECO MODE / AUDIO: OFF We recommend selecting "Standard Mode" during initial setup.

		ULTIMATE FAS BEST USER EXPERIENCE	STANDARD BASIC USAGE	SPORT ON THE GO	ECO MAX MEMORY & POWER SAVING
	LOOP RECORDING	3 MIN	3 MIN	2 MIN	1 MIN
©	G-SENSOR	MED	LOW	OFF	OFF
	PARKING MODE	ON	ON	OFF	OFF
•	AUDIO RECORDING	OFF	OFF	ON	OFF
	STAMP DISPLAY	ON	ON	ON	OFF
3	SCREEN SAVER	OFF	3 MIN	OFF	1 MIN

7.1 Function Settings

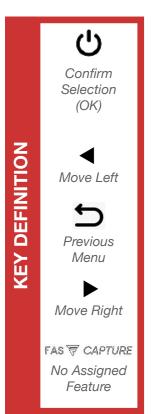


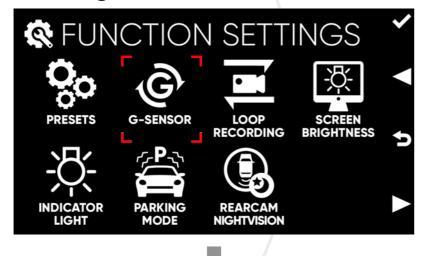
7.1.2 G-Sensor

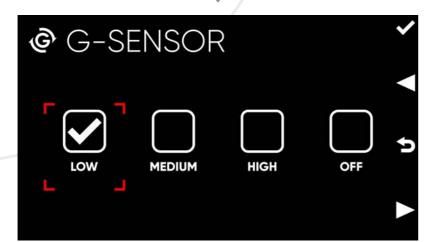


FUNCTION DEFINITION

To detect a sudden change while driving, and video footage will be automatically saved as a PROTECTED non-overwritable clip. This setting does not affect the Parking Mode's G-Sensor.







FUNCTION OPTIONS

- Select a preferred sensitivity level from "LOW", "MEDIUM", "HIGH", and "OFF".
- **Default Setting** Depending on Preset Selection

Event	LOW	MEDIUM	HIGH
Light Accident / Crash	Triggered	Triggered	Triggered
Rough Road	NOT Triggered	Triggered	Triggered
Close Door or Tailgate	NOT Triggered	NOT Triggered	Triggered

► Power: ON

► Recording:

OFF

7

Settings

7.1 Function Settings



7.1.3 Loop Recording

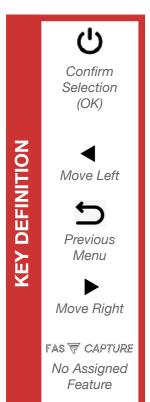


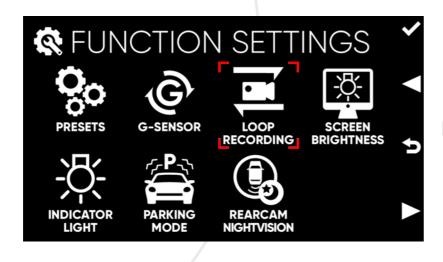
FUNCTION DEFINITION

To control video clip time length when the file is saved or overwritten. Loop Recording automatically overwrites the oldest UNLOCKED file when your TF card is full. Remove the hassle of manually deleting unnecessary videos.

FUNCTION OPTIONS

- Select a preferred video clip time length from "1 MIN", "2 MIN", and "3 MIN".
- Default Setting
 Depending on Preset Selection









7.1 Function Settings

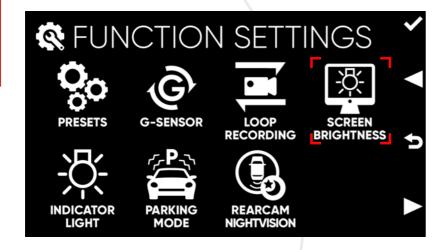


7.1.4 Screen Brightness

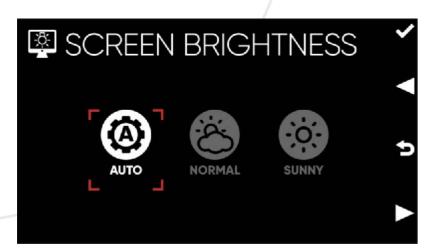


FUNCTION DEFINITION

To adjust the brightness level of the camera's display screen





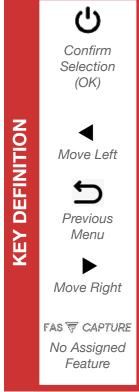


AUTO

FUNCTION OPTIONS

Screen will adjust according to the recording environment

- NORMAL Screen brightness will be standard
- SUNNY Screen brightness will be dimmer than normal
- **Default Setting AUTO**





7.1 Function Settings

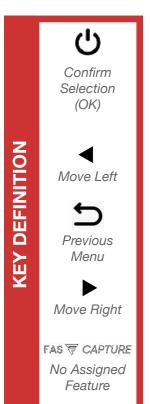


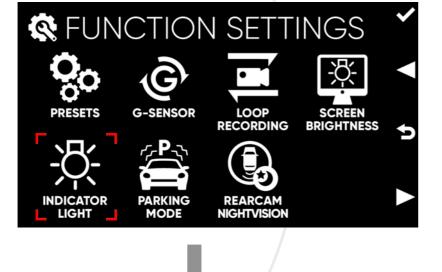
7.1.5 Indicator Light



FUNCTION DEFINITION

When the indicator light is switched on, the light will be RED whenever the camera is receiving power.

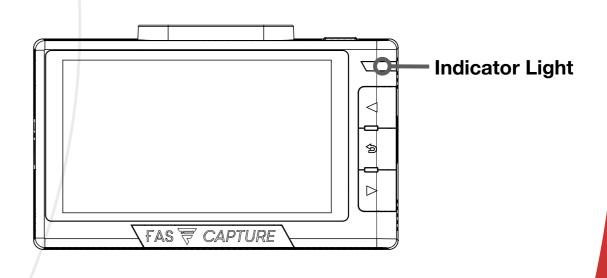






FUNCTION OPTIONS

- **►** ON to have the indicator light be on when the camera is receiving power
- **▶** OFF to record videos without the Indicator Light
- Default Setting ON



7.1 Function Settings



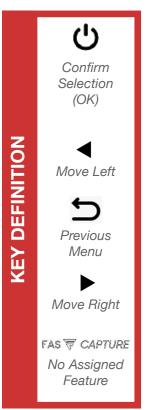
7.1.6 Parking Mode



FUNCTION DEFINITION

Parking mode allows you to record from your vehicle while your car is parked and your engine is off. The FAS-CAM automatically switches to parking mode when necessary, removing the hassle of manually switching your dash cam's mode before leaving your vehicle.

BRIGHTNESS







REPORT FUNCTION SETTINGS

FUNCTION OPTIONS

G-SENSOR

ON: to enable parking mode with impact detection

OFF: disable parking mode with impact detection

MOTION DETECTION*

ON: enable parking mode with motion detection

OFF: disable parking mode with motion detection

- * It is required to "CONNECT ACC WIRE TO ENABLE MOTION DETECTION"
- * ACC Wire is sold separately

Default Setting

Depending on Preset Selection

► Power: ON Recording:

OFF

7.1 Function Settings



7.1.6 Parking Mode

(h Main Menu **FUNCTION**

SETTINGS

Parking Mode - Function Details

** Rear cam will not be activated during parking mode.

The activation time (from the point when the G-Sensor or Motion Sensor is triggered to going into recording):

- Connected with ACC wire: within 1 sec.
- Using the camera's internal battery: within 8 sec.









KEY DEFINITION



FAS TO CAPTURE No Assigned Feature

Sample Event	G-Sensor Connected with ACC Wire	Motion-Sensor Connected with ACC Wire	G-Sensor + Motion Sensor Connected with ACC Wire	G-Sensor Camera's Internal Battery	Motion Sensor Camera's Internal Battery
Open or Close Doors or Tailgate	Might be Triggered	Might be Triggered	Might be Triggered	Might be Triggered	NOT Supported
Light Hit from Pedestrian	Triggered	NOT Triggered	Triggered	Triggered	NOT Supported
Light Hit from a Bicycle	Triggered	NOT Triggered	Triggered	Triggered	NOT Supported
Light Hit from a Vehicle	Triggered	Triggered	Triggered	Triggered	NOT Supported
Someone Walking In Front of Your Vehicle	NOT Triggered	Triggered	Triggered	NOT Triggered	NOT Supported
Other Object Moving In Front of Your Vehicle	NOT Triggered	Triggered	Triggered	NOT Triggered	NOT Supported



The FAS-CAM is the only dash cam on the market that is designed with an internal battery that powers parking mode, getting rid of the need to connect your vehicle's fuse box.

7.1 Function Settings



7.1.7 RearCam NightVision

* Connect RearCam to activate this option



Confirm Selection

(OK)

Move Left

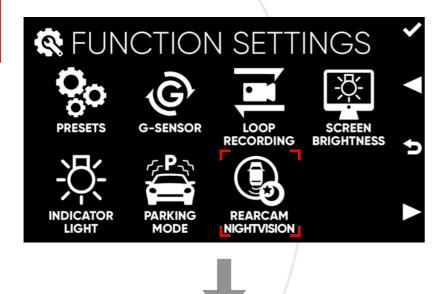
Previous

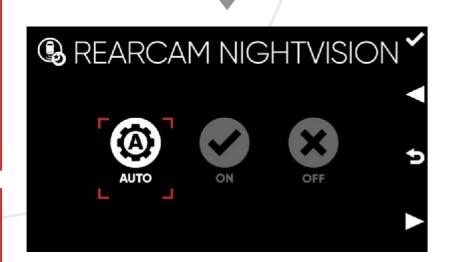
Menu

Move Right

FUNCTION DEFINITION

To enhance RearCam picture quality in order to better fit with different types of scenario.





FUNCTION OPTIONS

AUTO

Automatically adjust "REARCAM NIGHTVISION" base on the surrounding and environment

ON

F201 is being used as a Cabin View Camera. See Chapter "9: Cabin View" for more information.

OFF

F201 is being used as a Rear View Camera and camera is placed on the rear windshield

Default Setting AUTO

AUTO:

NightVision is activated when the environment brightness is lower than 60 illuminance and the exposure is lower than 400 Light Value for 4 seconds.

NightVision is deactivated when the environment brightness is higher than 120 illuminance and the exposure is higher than 600 Light Value for 30 seconds.

KEY DEFINITION

7.2 Video Settings



7.2.1 Exposure



FUNCTION DEFINITION

Exposure is the amount of light that reaches your camera's sensor. Adjust the Exposure level in order to reach a better

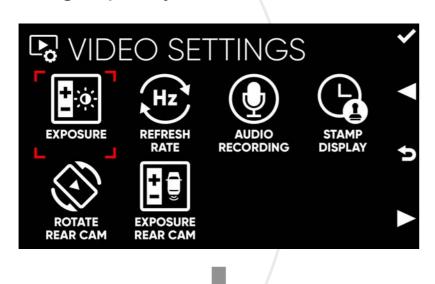




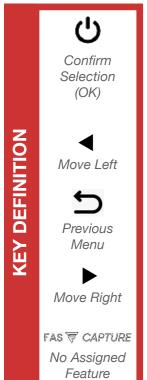


image quality.

FUNCTION OPTIONS

- Exposure level
 - "-3" is the least Exposure level option "+3" is the strongest Exposure level option
- **Default Setting**

In general, "+" number settings will make the recordings brighter, and "-" number settings will make the recordings darker.





7

Settings

7.2 Video Settings

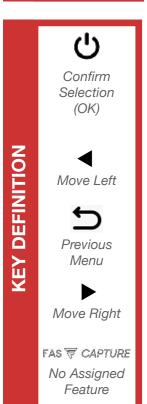


7.2.2 Refresh Rate

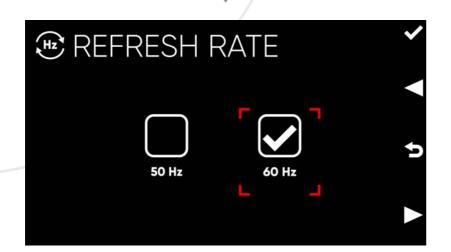


FUNCTION DEFINITION

To set Refresh Rate base on the requirement of your Country / Region. See Chapter "12: Troubleshoot" to find your country's refresh rate.







FUNCTION OPTIONS

- ▶ 50 Hz
- ▶ 60 Hz
- Default Setting

The default option is Automatically set based on user's location.

In general, if your local household power voltage is 220v, 50 Hz is recommend, and if your local household power voltage is 120v, 60 Hz is recommend. Please refer to Chapter "12: Troubleshoot" - Chart "List of Worldwide AC Voltages and Frequencies" in this User Manual for details.

Power: ONRecording:

OFF

7.2 Video Settings



7.2.3 Audio Recording



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Confirm Selection

(OK)

Move Left

Previous Menu

Move Right

FAS TO CAPTURE No Assigned Feature

KEY DEFINITION

FUNCTION DEFINITION

To control the audio recording when recording video(s).







FUNCTION OPTIONS

- This can also be set at Chapter <u>"7.1.1</u> **Presets and Audio Recording**"
- ON Record video with audio recording
- ► OFF record video without audio
- Default Setting The default option is Automatically set based on user's location.

Please follow your local laws and regulations regarding the use of dash cam audio recording



7.2 Video Settings

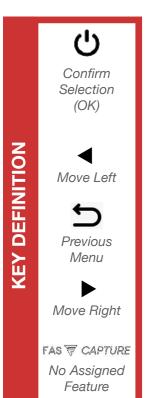


7.2.4 Stamp Display

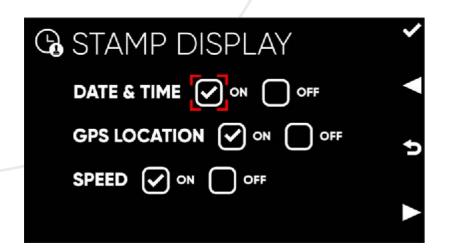


FUNCTION DEFINITION

To manage all stamp information on the recorded footage. GPS location can be tracked using the DVPlayer, see Chapter "8: Video Playback App"







FUNCTION OPTIONS

DATE & TIME

Date: Month-Day-Year "MM-DD-YYYY"

Time: Hour:Minutes:Seconds "HH:MM:SS"

GPS LOCATION

Latitude and Longitude coordinates

SPEED

Recorded in MPH or KPH depending on your settings

Default Setting

All settings are ON

► Power: ON ► Recording:

OFF

7.2 Video Settings



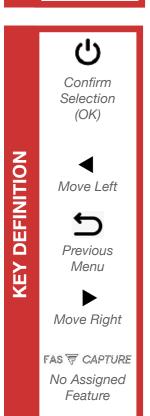
7.2.5 Rotate Rear Cam

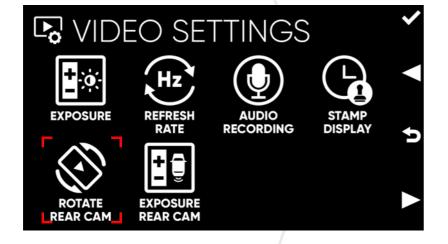
* Connect RearCam to activate this option

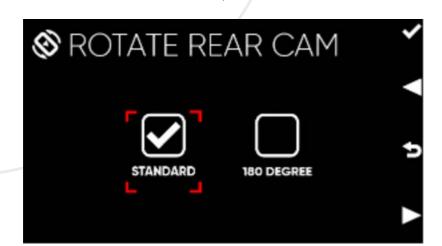
(h Main Menu **NAVIGATION VIDEO SETTINGS ROTATE** REAR CAM

FUNCTION DEFINITION

To change the screen display direction for the Rear Camera base on your needs of installation.







FUNCTION OPTIONS

- STANDARD If mounting the camera normally on the windshield
- 180 DEGREE Rear Camera Display screen will be rotated 180 if user decides to mount the F201 on the vehicle's dashboard
- Default Setting STANDARD

7.2 Video Settings

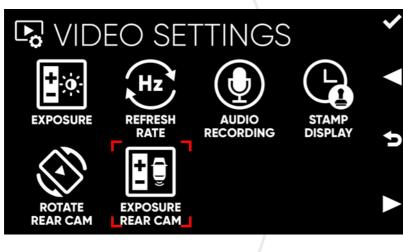


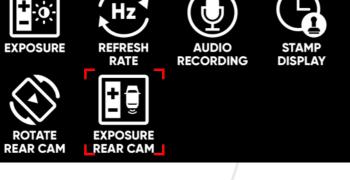
7.2.6 Exposure Rear Cam

* Connect RearCam to activate this option



Exposure is the amount of light that reaches your camera's sensor. Adjust the Exposure level in order to reach a better image quality for the F201 camera.









FUNCTION OPTIONS

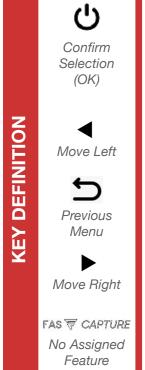
Exposure level

"-3" is the least Exposure level option

"+3" is the strongest Exposure level option

Default Setting

In general, "+" number settings will make the recordings brighter, and "-" number settings will make the recordings darker.





7.3 System Settings

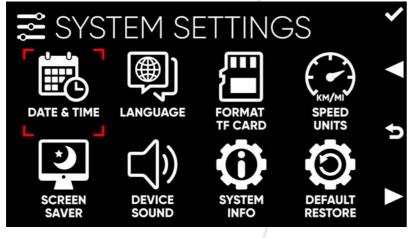


7.3.1 Date & Time

7.3.1.1 Enable GPS Date and Time Calibration

(h Main Menu **NAVIGATION** SYSTEM **SETTINGS** DATE & TIME

To set Date and Time setting for the camera using the camera's internal GPS







FUNCTION DEFINITION

FUNCTION OPTIONS

- Retrieve the "DATE & TIME" from GPS data automatically (recommended)
- ▶ Unselect ✓ Require data to be set manually (see next page to continue with this option)
- Default Setting ✓ (ON)

This feature, Enable GPS Date and Time Calibration, allows the dash camera to retrieve the GPS time (GMT) and converts into your local time after you select and set your time zone and daylight saving. Please note, GPS signal is required for this feature to work properly.

ധ Confirm Selection (OK) **KEY DEFINITION** Move Left Previous Menu Move Right FAS TO CAPTURE No Assigned Feature

FAS-CAM

7.3 System Settings

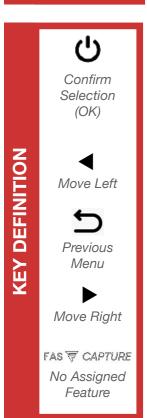
7.3.1 Date & Time

7.3.1.2 Time Zone

(h Main Menu **NAVIGATION** SYSTEM **SETTINGS** DATE & TIME TIME ZONE

FUNCTION DEFINITION

To set Time Zone manually







FUNCTION OPTIONS

- ▶ Press ◀ or ▶ key to find your time zone
- **Default Setting** Time zone selection will automatically popup during initial setup

Power: ON ► Recording:

OFF

7

Settings

7.3 System Settings

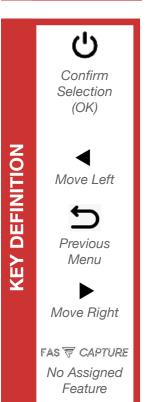
7.3.1 Date & Time

7.3.1.3 Daylight Saving

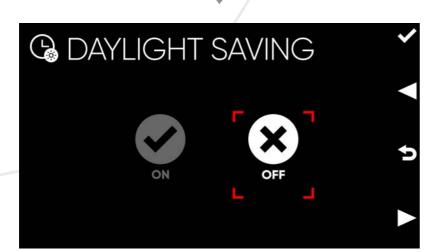
Main Menu SYSTEM SETTINGS DATE & TIME DAYLIGHT SAVING

FUNCTION DEFINITION

To switch On or Off Daylight Saving manually







FUNCTION OPTIONS

- ON
 If your current location is observing daylight savings time
- OFF
 If your current location is observing standard time
- Default Setting
 Daylight savings selection will
 automatically popup during initial setup

7.3 System Settings

7.3.1 Date & Time

7.3.1.4 Date & Time

FUNCTION OPTIONS

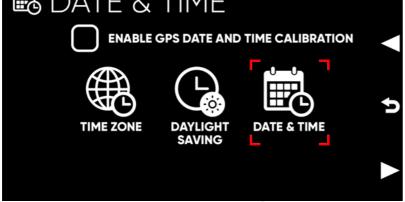
Default Setting

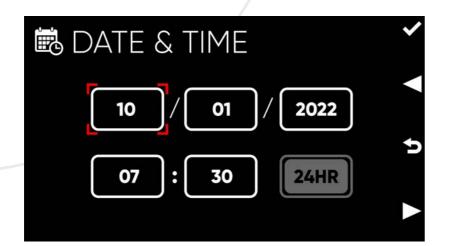
Main Menu **NAVIGATION** SYSTEM **SETTINGS** DATE & TIME DATE & TIME

FUNCTION DEFINITION

To set Date and Time manually if "ENABLE GPS DATE AND TIME







CALIBRATION" is not selected

DATE FORMAT

selected

Format	ММ	/	DD	1	YYYY
Date	10	/	01	/	2022

Date & Time selection will automatically

DATE AND TIME CALIBRATION" is not

popup during initial setup if "ENABLE GPS

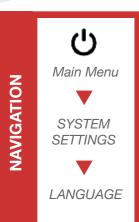
TIME FORMAT

Format	нн	:	ММ	:	24 Hours
Time	07	:	30	÷	24HR

7.3 System Settings

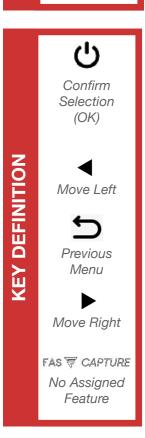


7.3.2 Language

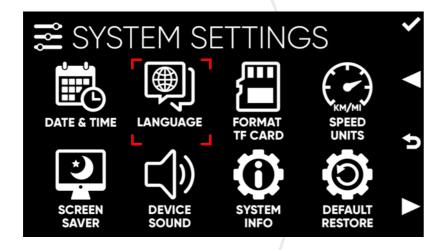


FUNCTION DEFINITION

To select language preference









FUNCTION OPTIONS

- **ENGLISH**
- **ESPAÑOL** Spanish
- Default Setting **English** Language selection will automatically popup during initial setup

7.3 System Settings

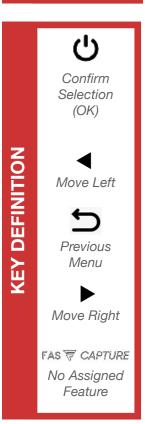


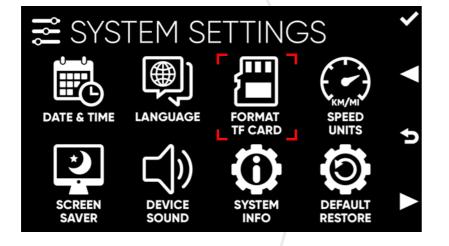
7.3.3 Format TF Card (SD Card)

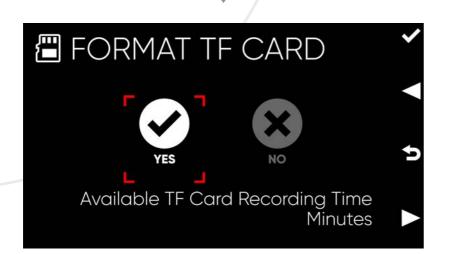


FUNCTION DEFINITION

To format or reset TF Card (SD Card). This process will delete all files on the memory card.







FUNCTION OPTIONS

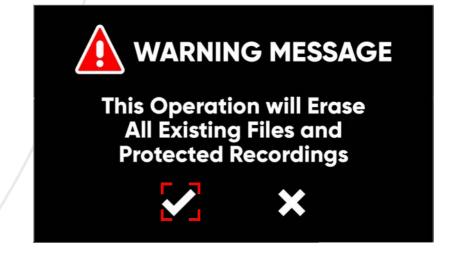
► ✓ YES

FORMAT TF Card (SD Card) "WARNING MESSAGE"

- Select ✓ option, and press ७ key to confirm
- ▶ select × option, and press ∪ key to exit
- X "NO"

Cancel "FORMAT TF CARD"

NOTE: The estimated "Available TF Card (SD Card) Recording Time (Minutes)" info will be displayed at the bottom of the page





7.3 System Settings

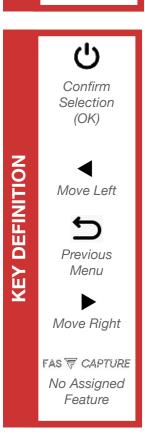


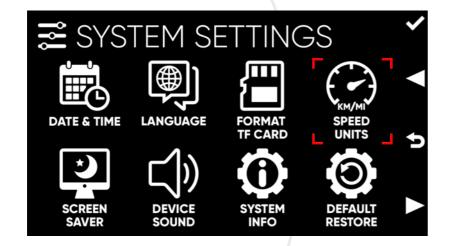
7.3.4 Speed Units

(h Main Menu **NAVIGATION** SYSTEM **SETTINGS SPEED UNITS**

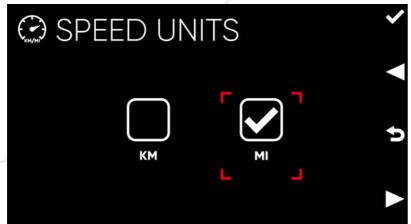


To set a preferred Speed Units.









- ► KM Kilometer
- MI Miles
- **Default Setting** ΜI

7.3 System Settings

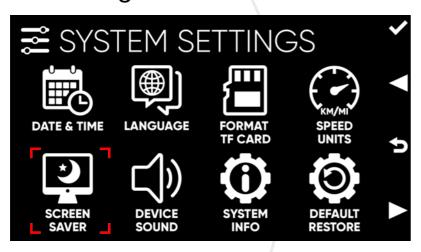


7.3.5 Screen Saver

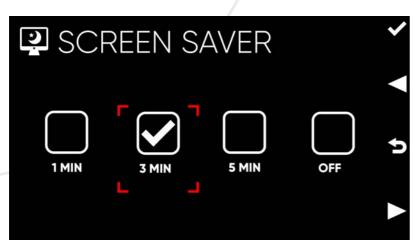


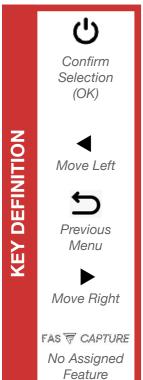
FUNCTION DEFINITION

To set a preferred Screen Saver time length. The display screen will blackout when there is no activity by the user. Recording will resume as normal.









Power: ON ► Recording: OFF

- 1 MIN
- 3 MIN
- 5 MIN
- ► OFF Screen display ON all the time
- **Default Setting** 3 MIN

7.3 System Settings

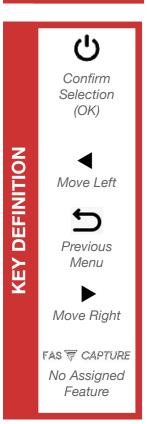


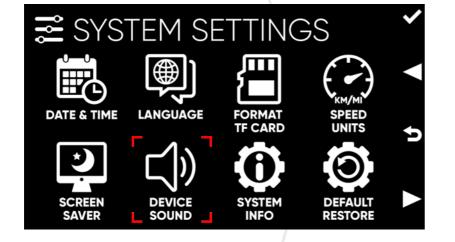
7.3.6 Device Sound

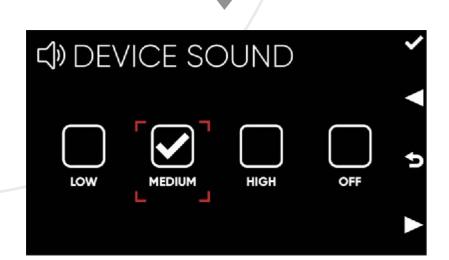


FUNCTION DEFINITION

To set the volume of the camera's speaker.







- LOW
- **MEDIUM**
- HIGH
- ► OFF
- Default Setting **MEDIUM**



7.3 System Settings

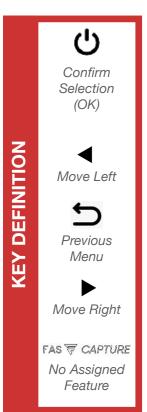


7.3.7 System Info

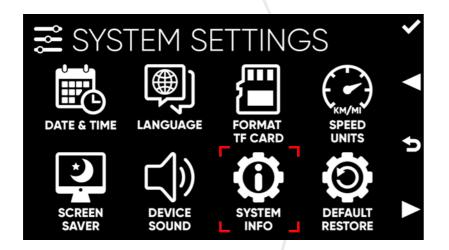


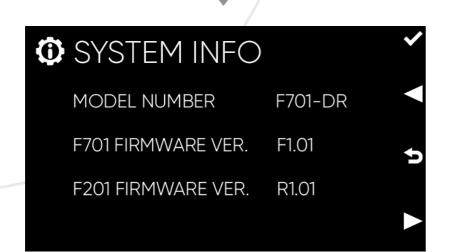
FUNCTION DEFINITION

To get System Info details.









- MODEL NUMBER manufacturer name of device
- F701 FIRMWARE VER. software installed on F701
- **F201 FIRMWARE VER.** software installed on F201

7.3 System Settings



7.3.8 Default Restore



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Confirm

Selection

(OK)

Move Left

Previous Menu

Move Right

FAS TO CAPTURE No Assigned

Feature

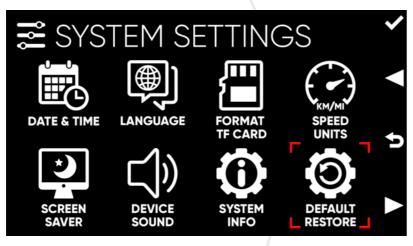
Power: ON ► Recording:

OFF

KEY DEFINITION

FUNCTION DEFINITION

To revert the camera's settings to the default setting. No settings will be saved in the process. Camera will restart as a result.







FUNCTION OPTIONS

► ✓ YES

DEFAULT RESTORE

- "WARNING MESSAGE"
- Select ✓ option, and press ७ key to confirm
- ▶ select × option, and press ∪ key to exit
- X "NO"

Cancel "DEFAULT RESTORE"

NOTE: system will reboot and restore itself back to the initial stage. After reboot is completed, user will see the initial startup and setup page (see Chapter "4.1.2 Unit Test" for details





8. GPS Video Playback

GPS Video Playback

8.1 Request for Registration Code

FAS-CAM uses a third-party app that is available on both PC and Mac to play back videos on your computer in full resolution. This 4k dash cam has a built-in GPS to seamlessly record your driving route, driving speed, and other information that can become important evidence in traffic incidents. To watch the GPS videos, simply contact us to acquire a registration code for access to the app using the QR code below.

If you wish to view your video without the GPS tracking information, you can do so by plugging in your SD card into the computer and playing the videos back using a regular video player.

Open your SD Card folder ► CARDV ► VIDEO

After purchase, request for a registration code using our <u>request form</u>. Code will be emailed to you within 2 business days

Each Code can only register on 1 Mac and 1 PC once.



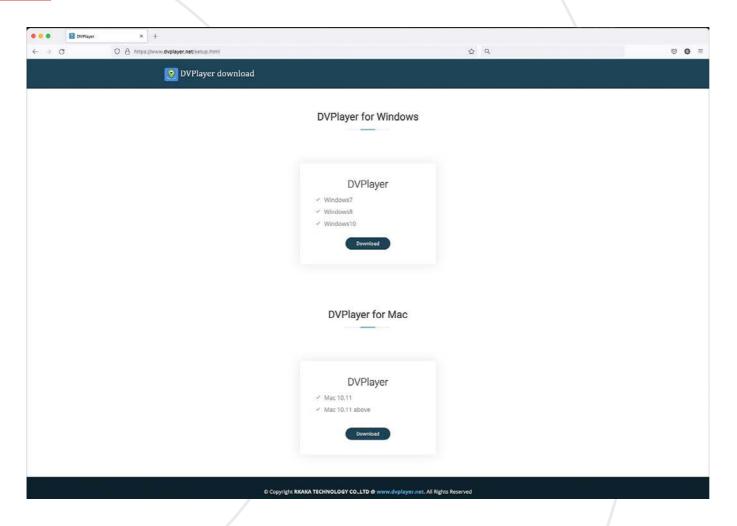
8

GPS Video Playback

8.2 Installing DVPlayer

STEP 1:

Download APP from https://www.dvplayer.net/setup.html and install onto your computer

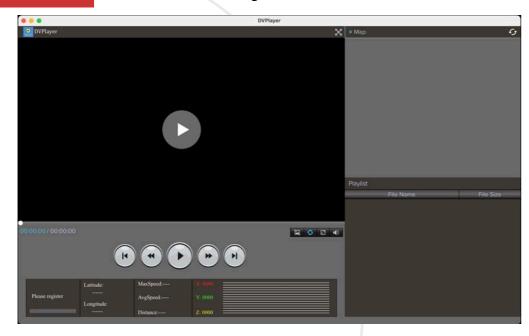


Support Both PC and Mac

GPS Video Playback

8.2 Installing DVPlayer

OPEN DVPlayer



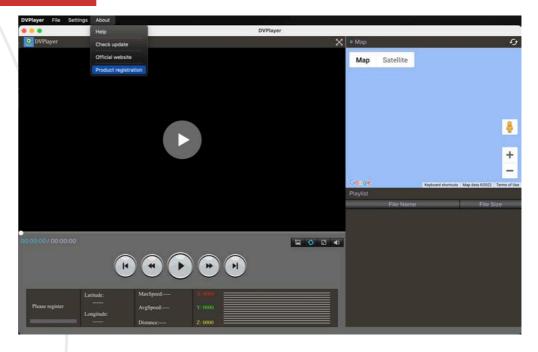
Click "Enter Registration Code"



Each Code can only register on 1 Mac and 1 PC once.

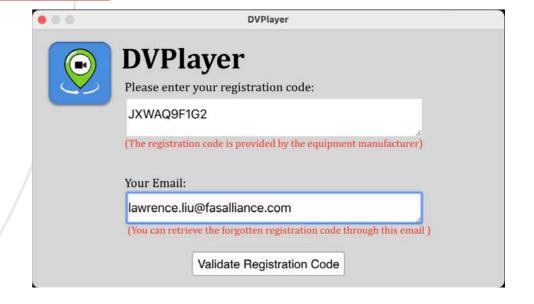


STEP 3: Go to About Product registration



STEP 5:

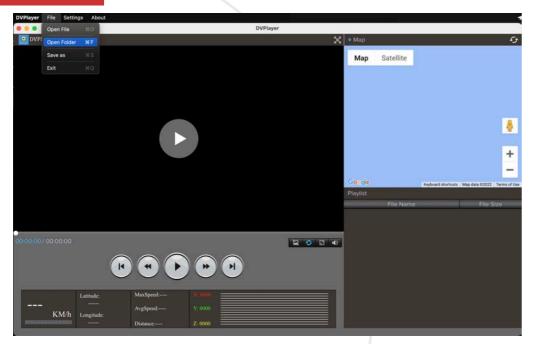
Enter your registration code and Email



8 GPS Video Playback

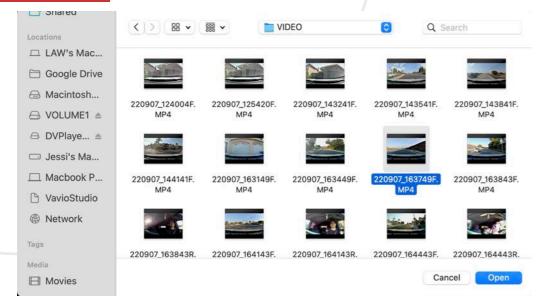
8.3 Video Playback

Go to File
Open Folder



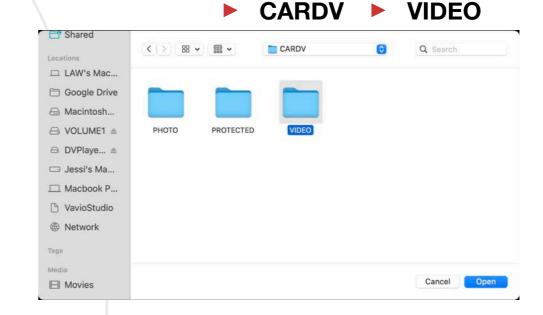
STEP 3:

Open your Clip(s)



STEP 4:

Open your SD Card folder



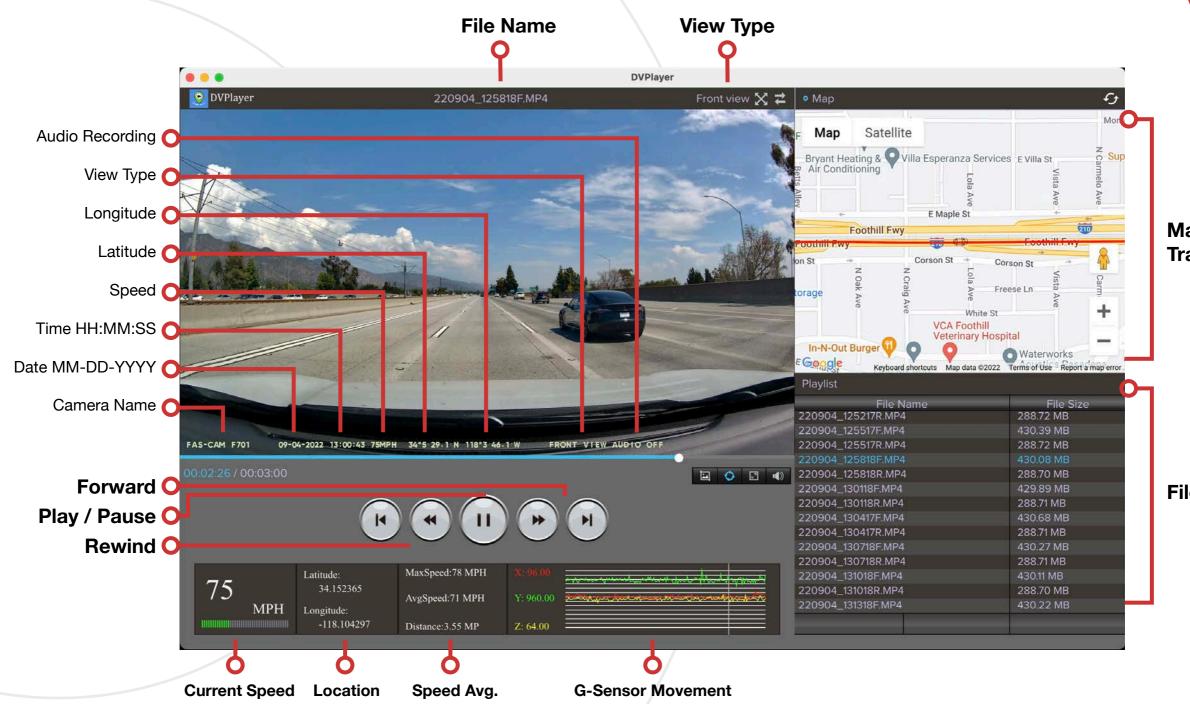
STEP 5:

Play your Clip(s)



8 GPS Video Playback

8.4 Understanding Video Information



Map of **Travel**

Files

9 Cabin View

Our F201-IR camera is interchangeable to record either the interior OR exterior of your vehicle. Simply by changing the wiring and placement of the camera, you can easily choose the view that would benefit you the most.



10 Firmware

10.1 Firmware Version and Product Registration

Firmware controls the basic functioning of your dash cam. If your dash cam is NOT functioning correctly, you may need to update the firmware for your device. Updates may also be released to fix bugs, and improve the general functionality of the dash cam. It's important to keep the firmware on your dash cam up-to-date so it can operate to its full capacity and functionality.

The latest firmware version is always available at FAS Alliance official website https://fasalliance.com.

We strongly recommend registering your product to receive notification emails when new firmware updates are available.

Register Your Product Here

10 Firmware

10.2 Firmware Update

- Insert TF Card (SD Card) from the dash cam to a card reader and connect the card reader to a PC or laptop.
- Open the TF Card (SD Card) folder on your computer.
- Download the latest firmware by going to our website and finding your product. The latest firmware will be under the "Firmware Tab".
- Drag and drop the file / folder to the TF Card (SD Card) drive (DO NOT put the firmware file in any folder in the TF Card (SD Card) drive. Leave the file in the TF Card (SD Card) drive's "Root Directory").
- Eject the TF Card (SD Card) on your PC or laptop, and insert it back into dash cam's TF Card slot.
- The dash cam will be turned on when power is supplied and the latest Firmware will automatically begin updating. The FAS-CAPTURE light will be blinking red.
- Once the update is completed, the dash cam will automatically restart.
- After restarting, we recommend to do the TF Card (SD Card) format after you complete the firmware installation. See Chapter "7.3.3 Format TF Card (SD Card)" for more information

The Firmware Update must be completed before the camera can be used. Files saved on the TF Card (SD Card) will NOT be affected by the firmware update



Bug Reports, Suggestions, & Feedback



See a bug? While we do multiple test runs before each firmware releases, it is still impossible to catch them all. We rely on user inputs to make sure that our dash cam runs as smoothly as possible. We would also love to hear from you. Please send us suggestions on how what you would like to see in our future releases.

11 Specifications

11.1 Front Camera F701-DR

Attribute	Specification / Description							
Model	F701-DR							
Processor	NOVATEK							
Image Sensor	Sony STARVIS							
Display	3-Inch LCD							
Lens	IMX-415							
Language	English, Spanish							
Camera Resolution	Dual Channel / Cam recording: UHD 4K 3840 X 2160P / Rear FHD 2.5K 2160 X 1440P Single Channel/ Front Cam recording: UHD 4K 3840 X 2160P							
Video Format	MOV							
Image Format	JPG							
Audio	Built-in Microphone and Speaker							
GPS	Built-in							
USB Port	USB Type-C (Data and Power)							
Battery	Lithium							
Working Temperature	-15°C ~ 65°C (5°F ~ 149°F)							
Storage Temperature	-25°C ~ 75°C (-13°F ~ 167°F)							
Compatible Operating System	Windows / IOS							
TF Card (SD Card) Storage Support	TF Card (SD Card) up to 256GB (NOT Included) * The High-spec dedicated card above U3 for Dash Cam is required							

^{*} The specifications of this product may change without prior notice due to product improvements.

11 Specifications

11.2 Rear Camera F201-IR (Optional)

Attribute	Specification / Description						
Model	F201-IR						
Processor	NOVATEK						
Image Sensor	Sony STARVIS						
Lens	IMX-335						
Camera Resolution	FHD 2.5K 2160 X 1440P						
Video Format	MOV						
Image Format	JPG						
Audio	Built-in Microphone and Speaker						
GPS	Built-in						
Working Temperature	-15°C ~ 65°C (5°F ~ 149°F)						
Storage Temperature	-25°C ~ 75°C (-13°F ~ 167°F)						
Compatible Operating System	Windows / IOS						

^{*} The specifications of this product may change without prior notice due to product improvements.

12 Troubleshoot

Event	Message	Solution
Micro TF Card (SD Card)NOT Inserted	Please Insert Micro TF Card (SD Card)	Insert Micro TF Card (SD Card)
Micro TF Card (SD Card) Reading Component Malfunction	Micro TF Card (SD Card) Access Failed	Contact our customer service representative
Micro TF Card (SD Card) Malfunction	Micro TF Card (SD Card) Malfunction	Please replace micro TF Card (SD Card). Make sure you are using a recommended TF Card. See Chapter "Introduction"
Power-on Failed	N/A	Ensure the power cable and front camera are firmly connected to the front camera mount
System Crash After Power-On	N/A	Use a pin to insert and press the reset button on the front camera
Screen is Blurry	N/A	Use a pin to insert and press the reset button on the front camera
Screen is Flickering	N/A	Use a pin to insert and press the reset button on the front camera
Recorded Video Can't be Saved	N/A	Contact our customer service representative
Recording Light Failed	N/A	Ensure the original power cable is used. This issue might be caused by the low voltage from the power supply.
No Responses When Pressing Keys	N/A	Use a pin to insert and press the reset button on the front camera
System Crash	N/A	Use a pin to insert and press the reset button on the front camera
Front Camera is Overheating	N/A	Contact our customer service representative
Rear Camera is Connected but No Rear View Showing on Screen	N/A	Ensure the rear camera cable is properly and firmly connected
System is Taking Longer Than 5 Minutes To Acquire Satellite Signal	N/A	Make sure the vehicle is in an open area without obstacles on top of the vehicle.
Front Camera is Connected to Front Camera Mount, But The GPS Icon is Showing GPS NOT Available	N/A	Make sure the vehicle is in an open area without obstacles on top of the vehicle.

^{*} If the issue proceeds after applying the solution, please contact our customer service team support@fasalliance.com

12 Troubleshoot

List of Worldwide AC Voltages and Frequencies

		_	_		_			_			_			_
Country	Voltage	Frequency	Country	Voltage	Frequency	Country	Voltage	Frequency	Country	Voltage	Frequenc	Country	Voltage	Frequency
Afghanistan	220V	50Hz	China	220V	50Hz	Guam	110V	60Hz	Malta	230V	50Hz	Saudi Arabia	127/220V	60Hz
Albania	230V	50Hz	Colombia	110V	60Hz	Guatemala	120V	60Hz	Martinique	220V	50Hz	Senegal	230V	50Hz
Algeria	230V	50Hz	Comoros	220V	50Hz	Guinea	220V	50Hz	Mauritania	220V	50Hz	Serbia & Montenegro	230V	50Hz
American	120V	60Hz	Congo (Zaire)	220V	50Hz	Guinea-Bissau	220V	50Hz	Mauritius	230V	50Hz	Seychelles	240V	50Hz
Andorra	230V	50Hz	Cook Islands	240V	50Hz	Guyana	110/220	60Hz	Mexico	127V	60Hz	Sierra Leone	230V	50Hz
Angola	220V	50Hz	Costa Rica	120V	60Hz	Haiti	110V	60Hz	Micronesia	120V	60Hz	Singapore	230V	50Hz
Anguilla	110V	60Hz	Côte d'Ivoire (Ivory Coast)	220V	50Hz	Honduras	110V	60Hz	Moldova	230V	50Hz	Slovakia	230V	50Hz
Antigua	230V	60Hz	Croatia	230V	50Hz	Hong Kong	220V	50Hz	Monaco	230V	50Hz	Slovenia	230V	50Hz
Argentina	220V	50Hz	Cuba	110/220V	60Hz	Hungary	230V	50Hz	Mongolia	230V	50Hz	Somalia	220V	50Hz
Armenia	230V	50Hz	Cyprus	230V	50Hz	Iceland	230V	50Hz	Montserrat Islands	230V	60Hz	South Africa	230V	50Hz
Aruba	127V	60Hz	Czech Republic	230V	50Hz	India	240V	50Hz	Morocco	220V	50Hz	Spain	230V	50Hz
Australia	240V	50Hz	Denmark	230V	50Hz	Indonesia	230V	50Hz	Mozambique	220V	50Hz	Sri Lanka	230V	50Hz
Austria	230V	50Hz	Djibouti	220V	50Hz	Iran	230V	50Hz	Myanmar (Burma)	230V	50Hz	Sudan	230V	50Hz
Azerbaijan	220V	50Hz	Dominica	230V	50Hz	Iraq	230V	50Hz	Namibia	220V	50Hz	Suriname	127V	60Hz
Azores	230V	50Hz	Dominican Republic	110V	60Hz	Ireland (Eire)	230V	50Hz	Nauru	240V	50Hz	Swaziland	230V	50Hz
Bahamas	120V	60Hz	East Timor	220V	50Hz	Isle of Man	230V	50Hz	Nepal	230V	50Hz	Sweden	230V	50Hz
Bahrain	230V	50Hz	Ecuador	127V	60Hz	Israel	230V	50Hz	Netherlands	230V	50Hz	Switzerland	230V	50Hz
Balearic Islands	230V	50Hz	Egypt	220V	50Hz	Italy	230V	50Hz	Netherlands Antilles	127/220V	50Hz	Syria	220V	50Hz
Bangladesh	220V	50Hz	El Salvador	115V	60Hz	Jamaica	110V	50Hz	New Caledonia	220V	50Hz	Tahiti	110/220V	60Hz
Barbados	115V	50Hz	Equatorial Guinea	220V	50Hz	Japan	100V	50/60H	New Zealand	230V	50Hz	Tajikistan	220V	50Hz
Belarus	230V	50Hz	Eritrea	230V	50Hz	Jordan	230V	50Hz	Nicaragua	120V	60Hz	Taiwan	110V	60Hz
Belgium	230V	50Hz	Estonia	230V	50Hz	Kenya	240V	50Hz	Niger	220V	50Hz	Tanzania	230V	50Hz
Belize	110/220V	60Hz	Ethiopia	220V	50Hz	Kazakhstan	220V	50Hz	Nigeria	240V	50Hz	Thailand	220V	50Hz
Benin	220V	50Hz	Faeroe Islands	230V	50Hz	Kiribati	240V	50Hz	Norway	230V	50Hz	Togo	220V	50Hz
Bermuda	120V	60Hz	Falkland Islands	240V	50Hz	Korea, South	220V	60Hz	Okinawa	100V	60Hz	Tonga	240V	50Hz
Bhutan	230V	50Hz	Fiji	240V	50Hz	Kuwait	240V	50Hz	Oman	240V	50Hz	Trinidad & Tobago	115V	60Hz
Bolivia	230V	50Hz	Finland	230V	50Hz	Kyrgyzstan	220V	50Hz	Pakistan	230V	50Hz	Tunisia	230V	50Hz
Bosnia	230V	50Hz	France	230V	50Hz	Laos	230V	50Hz	Palmyra Atoll	120V	60Hz	Turkey	230V	50Hz
Botswana	230V	50Hz	French Guyana	220V	50Hz	Latvia	230V	50Hz	Panama	110V	60Hz	Turkmenistan	220V	50Hz
Brazil	110/220V	60Hz	Gaza	230V	50Hz	Lebanon	230V	50Hz	Papua New Guinea	240V	50Hz	Uganda	240V	50Hz
Brunei	240V	50Hz	Gabon	220V	50Hz	Lesotho	220V	50Hz	Paraguay	220V	50Hz	Ukraine	230V	50Hz
Bulgaria	230V	50Hz	Gambia	230V	50Hz	Liberia	220V	50Hz	Peru	220V	60Hz	United Arab Emirates	220V	50Hz
Burkina Faso	220V	50Hz	Germany	230V	50Hz	Libya	127/230	50Hz	Philippines	110/220V	60Hz	United Kingdom (UK)	230/240V	50Hz
Burundi	220V	50Hz	French Guyana	220V	50Hz	Lithuania	230V	50Hz	Poland	230V	50Hz	United States (USA)	120/240V	60Hz
Cambodia	230V	50Hz	Gaza	230V	50Hz	Liechtenstein	230V	50Hz	Portugal	230V	50Hz	Uruguay	220V	50Hz
Cameroon	220V	50Hz	Gabon	220V	50Hz	Luxembourg	230V	50Hz	Puerto Rico	120V	60Hz	Uzbekistan	220V	50Hz
Canada	120/240V	60Hz	Gambia	230V	50Hz	Macau	220V	50Hz	Qatar	240V	50Hz	Venezuela	120V	60Hz
Canary Islands	230V	50Hz	Germany	230V	50Hz	Macedonia	230V	50Hz	Réunion Island	230V	50Hz	Vietnam	220V	50Hz
Cape Verde	230V	50Hz	Ghana	230V	50Hz	Madagascar	127/220	50Hz	Romania	230V	50Hz	Virgin Islands	110V	60Hz
Cayman Islands	120V	60Hz	Gibraltar	230V	50Hz	Madeira	230V	50Hz	Russian Federation	230V	50Hz	Western Samoa	230V	50Hz
Central Africa	220V	50Hz	Greece	230V	50Hz	Malawi	230V	50Hz	Rwanda	230V	50Hz	Yemen	230V	50Hz
Chad	220V	50Hz	Greenland	230V	50Hz	Malaysia	240V	50Hz	St. Kitts & Nevis	230V	60Hz	Zambia	230V	50Hz
Channel Islands	230V	50Hz	Grenada	230V	50Hz	Maldives	230V	50Hz	St. Lucia Island	240V	50Hz	Zimbabwe	220V	50Hz
Chile	220V	50Hz	Guadeloupe	230V	50Hz	Mali	220V	50Hz	St. Vincent Island	230V	50Hz			
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Warranty and Product Support

13.1 Warranty

1 YEAR LIMITED WARRANTY

FAS Alliance Inc. provides a limited warranty to the original purchaser for the following period from the purchasing date against deficiencies in material and workmanship under normal use. Should this unit fail to operate in a satisfactory manner within the warranty period, FAS Alliance Inc. will, at its discretion, exchange or refund the product.

Main Dashboard Video Cameras (Dash Cam) Unit in Box: 1 Year All Accessories: 1 Year Original purchase receipt is required when claiming warranty.

If this dash cam fails to operate in a satisfactory manner, it is best to contact the store where it was originally purchased. If the store fails to resolve the issue(s) and if you believe your dash cam meets the criteria for a warranty exchange or refund, please contact us by email at support@fasalliance.com

This limited warranty does not cover and is not limited to the following conditions:

- If the device was not purchased from an authorized FAS Alliance Inc. retailer
- Device malfunction or damages caused by improper usage
- ► FAS Alliance Inc. is not liable for any damages (properties, business, and/or indirect damages), loss or corruption of data for any reason, and product damage or personal injuries that occur due to accidents or natural disasters.
- ► FAS Alliance Inc. Dash Cam records and saves videos of vehicle accidents. It is not guaranteed to record all accidents.

Warranty and Product Support

13.2 Product Support

For product support, firmware updates, or different language version of our manuals please visit https://fasalliance.com.

You can also email us at support@fasalliance.com.

Before Requesting Service

Please back up all important files and data before requesting service. In order to service the dash cam it may be necessary to delete all files and data from the dash cam. All servicing is provided on the basis that the user has backed up all necessary files and data before requesting service. Therefore FAS Alliance will NOT be responsible for the loss of any files or data.

Your Opinion Matters

FAS Alliance is firmly committed to always improving our products, services, and user experience.

If you have any thoughts on how we can do even better, your constructive feedback and suggestions will be greatly appreciated.

Connect with us today at support@fasalliance.com.



Thank you for choosing FAS-ALLIANCE!





