

eFOCUS

PRIME 10 Mini Dash Cam

User Manual

**FHD 2CH Wi-Fi
Mini Dash Cam**



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Before using the product

Scope of product warranty and responsibilities

- The company is not responsible for any problems caused by violation of the instructions provided in this user manual.
- The company is not responsible for any damage caused by product malfunction, data loss, or other issues during product use.
- The company is not responsible for any fire caused by discharging of the automobile battery, defective mounting or arbitrary modification of the product, etc. when the uninterruptible power supply is active.
- **This product is a supplementary device for vehicles for safe driving.**
- **The manufacturer is not responsible for accidents in any way.**

Cautions for product use

- Never separate, repair, or modify the set on your own. (Malfunctioning can cause an accident, and if the malfunction is deemed attributable to the user's action, the user may become ineligible for the repair service.)
- Chemicals or cleaning agents can deteriorate the surface and severely damage the internal devices.
- Excessive impacts or injection of alien substances can cause a malfunction.
- Do not use a voltage lower than the rated voltage for the Mini dash cam. Such use may cause an explosion or fire, resulting in severe burn injury or damage.
- If the internal temperature of the vehicle rises because of its prolonged exposure to direct sunlight while parked and the product is operating through the uninterruptible power supply, the product's internal power block system is enabled and turns off the power, and some of the visual images may not be recorded as a result.
- If objects such as foreign substances or stickers in front of the product lens obstruct the view, image recording may not work properly. Therefore, make sure to keep the front area of the device clean at all times. (Even when there is another object near the product, the reflection on the front glass can interfere with recording.)
- **If you are not going to use the product for a long time, it is recommended that you remove the power cable from the product. (Failure to do so may cause discharging of the vehicle battery or fire, and the user is responsible for any resulting damage of the product or vehicle.)**
- Do not control the Mini dash cam while driving.
If you need to control it, park the vehicle in a safe location first.
- After purchasing the product, make sure that the product operates properly and the image recording condition is good.
- Images of an accident under certain impact may not be recorded.

Cautions for product use

- If the product has been damaged by an accident or due to other reasons, the Mini dash cam video data may not be recorded.
- If the product has been used for a long time or is exposed to severe vibrations from driving on a rough unpaved road, etc., changes in the product's angle or position can cause malfunctions.
- Because this product uses a camera, if a brightness change is abrupt as when entering or exiting a tunnel or in an extreme light environment such as at high noon when the backlight is strong or at midnight when there is no light, the recorded image may not be in good quality.
- Before you use the product for the first time after opening it, make sure to format the SD card.
- Before separating the SD card from the product, make sure to power off the product. Removing the SD card during operation can cause malfunctions or data loss.
- There may be small delays in GPS satellite reception depending on the weather or surrounding environment.
- If the product is used together with another device that generates electromagnetic waves or another similar GPS product, its GPS reception performance may deteriorate.
- Controlling or gazing at the product while driving is dangerous and can cause an accident. Be extra cautious of such actions.
- Due to the product's characteristics, it may fail to record some images when the temperature is below -20 C or above 70 C. (Wi-Fi performance is guaranteed in 0~60 C.)
- Do not modify or cut the cigar jack cable. The user is responsible for any resulting damage on the product or vehicle.
- Do not overly tint the windows. Excessive tinting can interfere with recording. (Depending on the tinting condition, the video brightness and clarity can vary.)
- Do not apply excessive force to the buttons on the product. Doing so can cause product malfunctions.

Cautions!

- If no power is supplied to the Mini dash cam for a long period of non-use, the Mini dash cam date may be initialized. Thus, shortly after you purchase the Mini dash cam or if you have not connected it to the power supply for a long time, make sure to check the recording dates and times.
- If the date has been initialized, make sure to connect the product's main body and a mobile phone through Wi-Fi and synchronize the time. (When the two are connected, the Mini dash cam's time is automatically set to the mobile phone's time.
- For trouble-free video recording, periodically check operation of the main body and the SD card as well as the recorded video.

- Do not hold the power cable with a wet hand when pulling or plugging in the power cable. (Doing so can cause a fire or electrical shock.)
- Keep the product out of reach of children or pets. (The product can cause fatal injury to children or pets.)
- The manufacturer holds all the rights to the product's hardware, software, and data. Anyone who illegally copies, processes, or distributes the product can be subject to civil compensation for damage or criminal punishments according to the act of intellectual property rights protection.

Cautions for SD card management

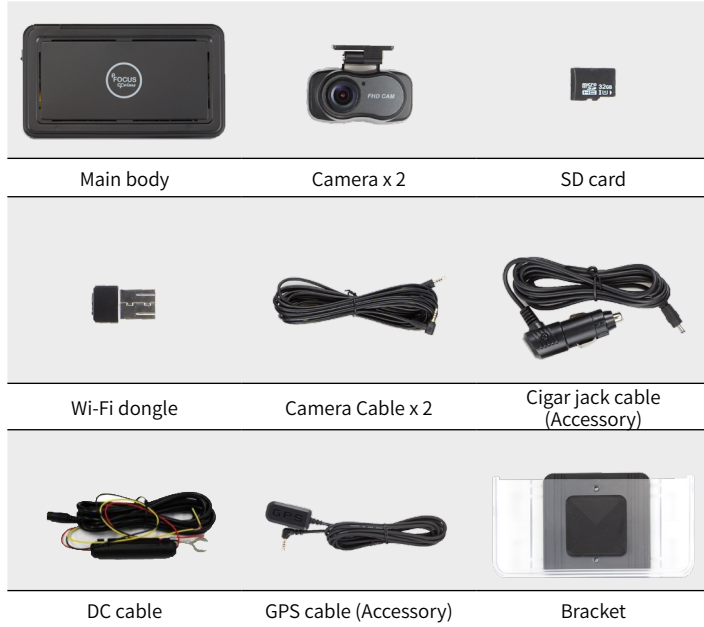
- Only use an SD card that has the specifications set by the company. Be aware that the company is not responsible for any failure such as incomplete video recording due to an SD card problem.
- Do not modify or disassemble the SD card on your own. (The product can malfunction, and you become no longer eligible to receive repair service.)
- The SD card is a consumable. If you have used it continuously for a long time, make sure to replace it with a new one.
- Using the card for a long time may make it unable to properly save the image data.
- Periodically check the videos recorded in the SD card to make sure that the product operates properly.
- If you want to keep certain data, safely store them in a storage medium other than the SD card.
- Because the SD card is a consumable, its warranty period is 6 months.
- **Before removing the SD card from the main body, make sure to first remove the power connection to the product then wait until the main body's LED is turned off.**
- If you separate the SD card by force, the product may be damaged.
- During storage or conveyance, static electricity or external voltage may destroy data. Therefore, make sure to keep the card inside the card case.
- **[Recommended]** Format the SD card about once every month regularly.
- **[How to format the SD card on a PC]** On the user's PC, format the SD card by using the "FAT32" file system.

Cautions!

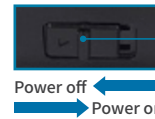
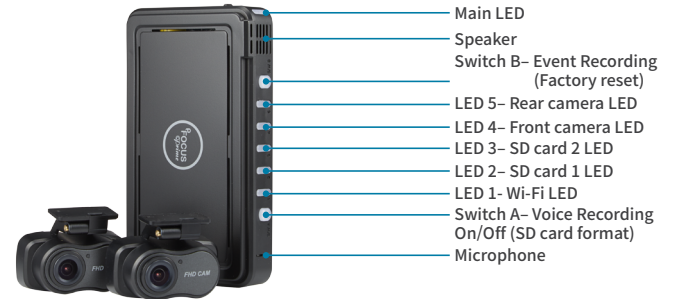
Because the SD card is a consumable, the company is not responsible when its life span is over or it has lost data or gained damage

Product information and functions

Product components



Part names



How to insert or remove the SD card



How to insert and remove the Wi-Fi dongle



Product specifications

Item	Specification		Note
Model name	PRIME 10		
Supported capacity	Micro SDHC	8GB/16GB/32GB/64GB/128GB /256GB(when 2 slots are used)	Class 10 recommended
Recording	Uninterruptible recording	Front/rear FHD encoding	Records in the unit of minute
	Impact detection recording	Front/rear FHD encoding	Intelligent EVENT system: Min one minute-max three minutes
	Parking recording	Front/rear(optional) FHD encoding	Motion/impact detection recording during parking
	Codec	Video: H.264	
	Data display(OSD)	Date/time/speed/status information	
Streaming	WiFi preview & VOD	MJPEG & H.264	
Camera	Type and technology	Dedicated FHD sensor, 1/2.7" CMOS	
	VIEW ANGLE(OPPOSITE ANGLE)	Front/rear: 130°	
Acceleration sensor	3-AXIAL ACCELERATION SENSOR	+2g/-2g	
Input power supply	DC 12V/24V	Sub power super capacitor 30F	
Power consumption	MAX 6W	For 12V	
Operation temperature/storage temperature	Operation temperature-20°C~80°C	Wi-Fi communication guarantee temperature 0~60°C	

Basic Operation Procedure

1) Preparing for video recording

- If you connect the power supply and turn on the power button with the SD card inserted in the main body, the LED is turned on and Voice announcement is come out.

2) Normal recording

- All images during driving are recorded in the unit of minute and saved in SD card.
- If the SD card capacity is exceeded during uninterruptible recording, the device starts to overwrite the existing files starting with the oldest.
- Make sure to wait until the LED is completely off before removing the SD card from the product.

3) Event recording

- If a shock is detected during Uninterruptible recording, the image is stored separately in the EVENT folder.
(Impact sensitivity is configurable in the mobile app.)
- The storage time is at least 1 minute to 3 minutes before / after impact detection.
- During shock detection recording, event sound is generated

4) Parking recording(only when uninterruptible power is connected)

- When switching to the parking mode, a voice announcement saying "Parking mode is set" is issued.
- If the acceleration sensor detects vibration, impact, or motion, the set frame is stored separately in the PARKING folder
- To protect the vehicle battery, it has a battery discharge prevention function that automatically terminates recording when the voltage drops below the specified voltage and reduces battery discharge by turning off the power.
(Discharge prevention settings are available in the mobile app.)

LED functions

No.	Description	On	Off	Blinking
1	Wi-Fi	Wi-Fi dongle connected	Wi-Fi dongle not connected	Mobile app connected
2	SD card 1	SD card 1 connected	SD card 1 not connected	Malfunction
3	SD card 2	SD card 2 connected	SD card 2 not connected	Malfunction
4	Front camera	Front camera 1 connected	Front camera not connected	
5	Rear camera	Rear camera 2 connected	Rear camera not connected	
N/A	Main	-	-	In operation

Button functions

No.	Function	Operation Status
Switch A	Voice Recording On/Off	Press the button 1 time
	SD Card Format	Press and hold the button until hearing the beeping sounds 10 times.
Switch B	Event Recording	Press the button 1 time
	Factory Reset	Press and hold the button until hearing the beeping sounds 10 times.

- Event recording function:** If you press the event button, the driver can save the desired image in the event folder.

Warranty

Product name				Model name
Date of purchase	YY	MM	DD	Seller
Serial no.				Warranty period
Customer information	Customer name:			Purchase price
	Tel:			
	Address:			

Warranty details

- If a malfunction occurs during a normal use within a year after the date of purchase, we provide repair service for free.
- The warranty period for accessories is 6 months from the date of purchase. (accessories: SD card, cigar jack cable)
- In the cases of the following types of malfunctions, we charge a technical fee and part cost.
 - If a malfunction occurs due to customer's negligence
 - If a malfunction occurs due to a natural disaster (fire, quake, flooding, thunderbolt, etc.)
 - If a malfunction occurs due to a bad power supply
 - If a malfunction occurs due to improper device connection
 - If a malfunction occurs after the user arbitrarily modified the device
- **Consumer damage compensation standard**
Consumer compensation for harm caused by the product follows the consumer damage compensation regulations posted by the KCA.
- Customer center
 - A/S, customer consulting and complaint report: 070-7848-2014
 - E-mail: ecellbiz@ecellelec.com
 - Homepage: www.ecellelec.com

Cautions!

We assume that all the smart part products registered for A/S at the service center have been backed up by their respective users and do not make any additional back-ups. Note that, due to this reason, the company cannot be held responsible for any deleted data.

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