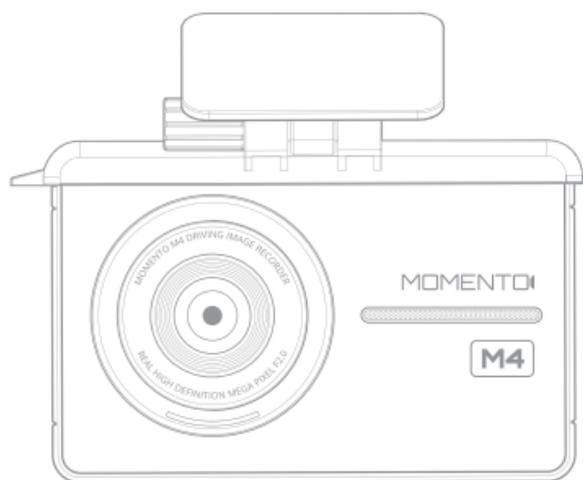


MOMENTOCAM

M4



MD-4200 QUICK START GUIDE

HD Driving Image Recorder

www.momentocam.com

Before Using MOMENTO's MD-4200

- Copyright laws prohibit this manual to be copied, modified or translated without the written consent of MOMENTO.
- The contents in this manual can be changed or modified due to technical errors or improvements therefore we cannot guarantee the manual's precise information.
- MOMENTO has the right to change or modify the product and manual contents at anytime without prior notice for improvements or customization.

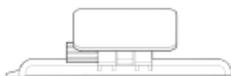
< CAUTION >

- MOMENTO is not responsible for damages that can occur from using unauthorized parts and accessories other than from the manufacturer.
- It is dangerous to operate this device while driving.
- The device and the recorded videos are intended for personal use and reference only.
- Based on the user's setting and environment, please be informed that the device may NOT record videos of all accidents.
- Please test the Micro SD card for errors frequently and because it is a consumable item, it should be replaced periodically.
- Handle the device with care.
- Install the device where it doesn't interfere the driver's vision.
- Check for local driving rules before installing the device (as it may be different according to each region).
- Do not use wet hands when operating this device.
- Please use this device with the original parts provided from the manufacturer.

1. Package Components



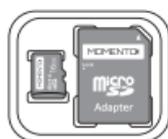
Main Unit



Adhesive Mount



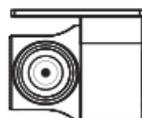
Quick Start Guide



**16GB
Micro SD Card**



Hardwire Cable



Rear Camera



**Rear Camera
Cable**

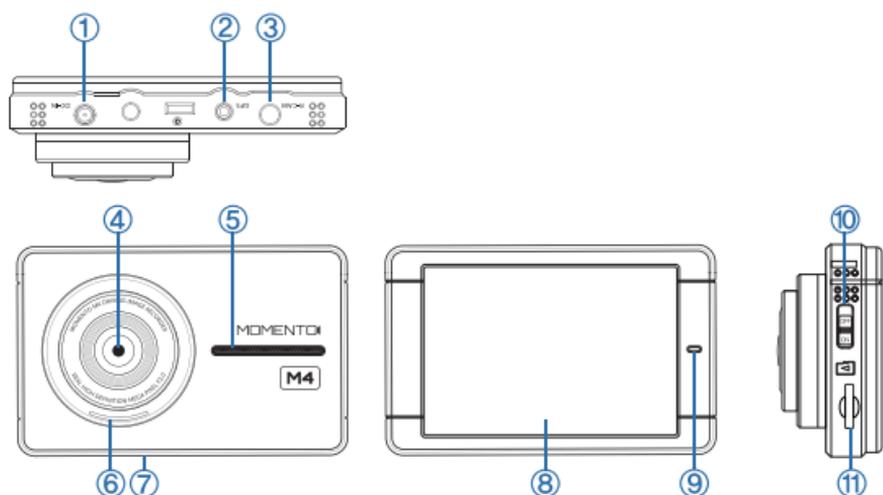
Optional



GPS Module

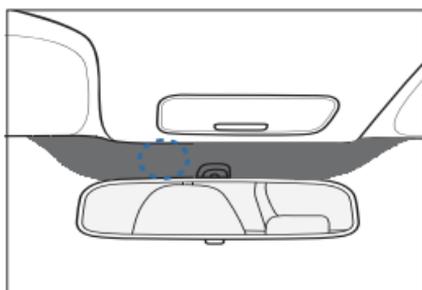
- ※ Check for any missing components.
- ※ The product and manual contents can be changed or modified at anytime without prior notice for improvements or customization.
- ※ Additional components are sold separately.

2. Product Overview



Mark	Description
① DC-IN	Power cable port
② GPS Port	GPS module port
③ R-CAM	Rear camera port
④ Camera Lens	Front camera for video recording
⑤ Speaker	Voice guidance
⑥ Front LED	Indicates vehicle is equipped with dash cam
⑦ Microphone	Voice and audio record
⑧ LCD Screen	Live view, playback, menu operation
⑨ LED	Feature operation indicator light
⑩ Power Button	ON/OFF button
⑪ Micro SD Card	Memory card slot

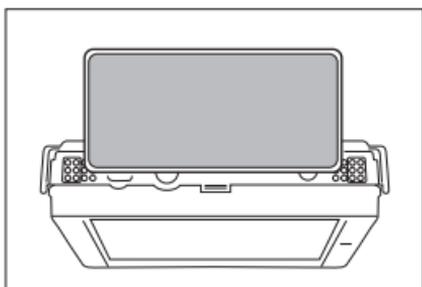
3. Main Camera Installation



① Installation Location

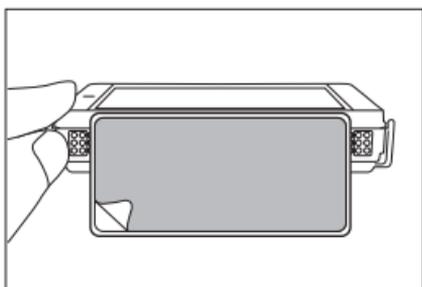
Before installation, make sure the engine is turned off. Clean the area where the product will be installed.

※ Do not install the device where it interferes with the driver's vision.



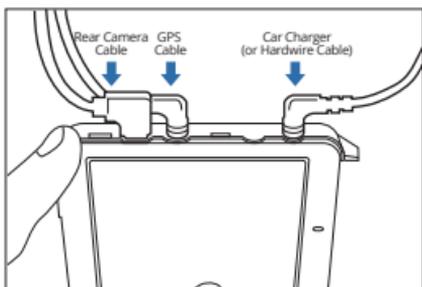
② Connecting the Device and Mount

Align and attach the device to the bottom holes of the mount.



③ Attaching the Camera

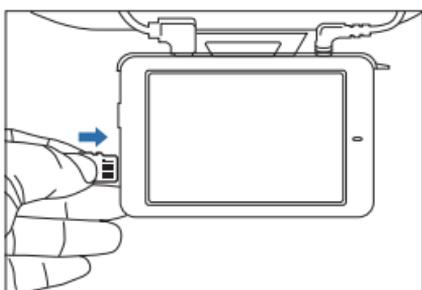
Remove the double-sided tape and attach the camera.



④ Connecting Cables

Connect all the related cables (rear camera, GPS, power) and adjust the camera angle accordingly.

※ Make sure the cables of different devices (navigation, GPS, and others) do not overlap with each other.

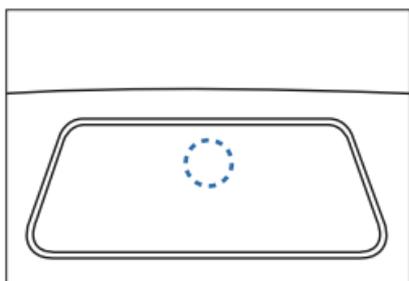


⑤ Inserting the Micro SD Card

Insert the Micro SD card into the Micro SD card slot in the direction as shown in the left image.

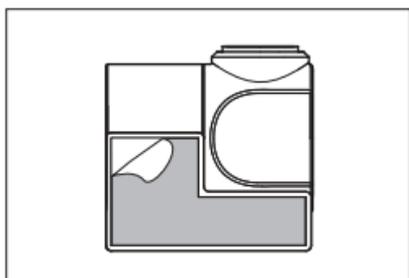
※ Do not apply excessive force on the Micro SD card or insert it in the wrong direction.

4. Rear Camera Installation



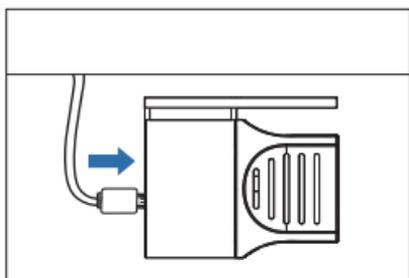
① Installation Location

Before installation, make sure the engine is off. Clean the area where the camera will be installed.



② Attaching the Camera

Remove the double-sided tape and attach the camera.



③ Connecting Cables

Connect rear camera cable and adjust the camera angle accordingly.

5. Using Touch Screen – Live View



①	Current Date and Time Settings → System Settings → Time Settings * Automatic setting if GPS is connected
②	GPS Status GPS ON / OFF
③	Voice & Audio Record Settings → Audio Settings MIC ON : recording / MIC OFF : not recording
④	Main Menu Main menu screen
⑤	Manual Recording Start manual record

※ Touch the LCD to use front view / rear view /PIP features
(Rear camera needs to be connected for rear view feature to work)

5. Using Touch Screen – Main Menu



	Settings
①	Main menu settings → System Settings / Dashcam Settings / F/W version
	ADAS
②	ADAS menu settings → FVMA
	File List
③	List of recorded files
	LCD Time Out
④	LCD screen off setting menu → 30sec / 1min / 3min / clock / always on
	Volume
⑤	Changes the volume level (5=loudest) → OFF / 1 / 2 / 3 / 4 / 5
	MIC
⑥	Audio/voice record using the microphone → ON / OFF
	LIVE
⑦	Go to Liveview

※ Recording stops in Settings, ADAS, File List.

5. Using Touch Screen – System Settings



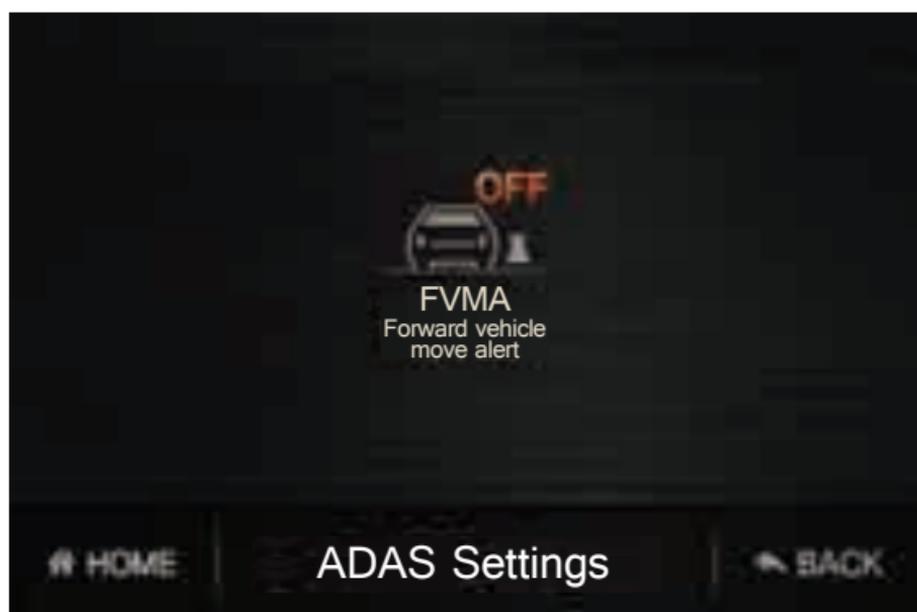
	Language
①	Language setting → English / Francais
	Time Settings
②	System's time setting * Automatic setting if GPS is connected
	Touch Calibration
③	Resets touch screen
	SD Card Format
④	Micro SD Card Format * Saved files will be deleted. Backup the files before formatting
	Factory Reset
⑤	Reset camera to factory settings (except for recorded files)
	HOME
⑥	Move to Main menu screen
	BACK
⑦	Back to previous screen

5. Using Touch Screen – Dashcam Settings



	Video Quality
①	Select the recording video quality → Low / Normal / High
	Impact
②	This feature senses incidents while driving and records them * When an incident is detected, driver will be notified with a tone alert and incident recording will start. → OFF / 1 / 2 / 3 / 4 / 5 / 6
	Front LED
③	Enable / disable the LED on the main unit (in parking mode) → ON / OFF
	Parked Storage Priority
④	Allocates storage capacity on memory card for park recording modes → OFF / 25% / 50% (* OFF : not using parking mode)
	Parked Cam Timer
⑤	→ 6H / 12H / 24H / 48H / OFF
	Power Save
⑥	If the vehicle's battery falls below the indicated value, the ignition will not start → 11.7V / 11.9V / 12.0V / 12.1V / 12.2V

5. Using Touch Screen – ADAS Settings



	FVMA (Forward vehicle move alert)
①	Front vehicle move alerts the driver when the front vehicle starts to move from a complete stop. → ON, OFF

- ※ FVMA feature operates in front camera view mode.
- ※ GPS needs to be connected for this feature to operate.

6. File List Management

- Recorded files are saved in Micro SD card by date and hour

2016-11-27-11h-30m-29s_F_normal.mp4

Year-Month-Date Hour-Minute-Second Front View Recording_Recording Type

Recording Type	Description	Saved Folder
normal	Continuous Record	Driving
motion	Record during parking(motion detection)	Parking
event parking	Incident Record during driving Incident Record during parking	Event
manual	Manual Record	Manual

► Recording Time by Memory Size

Chart below lists maximum recording time by storage capacity.

HD+D1 2CH / Parked Storage Priority : 0%, Video Quality : Normal					
Memory Size		Driving (80%)	Parking (0%)	Event (15%)	Manual (4%)
16G	Maximum Storage / Time	11.84GB 192mins	0GB 0min	2.22GB 35mins	592MB 9mins

HD+D1 2CH / Parked Storage Priority : 25%, Video Quality : Normal					
Memory Size		Driving (60%)	Parking (20%)	Event (15%)	Manual (4%)
16G	Maximum Storage / Time	8.88GB 144mins	2.96GB 47mins	2.22GB 35mins	592MB 9mins

HD+D1 2CH / Parked Storage Priority : 50%, Video Quality : Normal					
Memory Size		Driving (40%)	Parking (40%)	Event (15%)	Manual (4%)
16G	Maximum Storage / Time	5.92GB 96mins	5.92GB 96mins	2.22GB 35mins	592MB 9mins

- Storage partition can be modified manually : Settings → Dashcam Settings → Parked Storage Priority

※ Reference numbers may vary depending on recording environment and image quality (also after firmware update).

※ In case of 1CH installation, recording time is extended approximately twice.

7. Product Spec

Item	Description
Model	MD-4200
Size / Weight	98 x 63 x 30mm / 95.5g 3.9 x 2.5 x 1.2in / 3.37oz
LCD	3.5" TFT LCD
Capacity	Micro SD Card 16GB / 32GB / 64GB (FAT32 format)
Resolution	Front : HD (1280x720P) Rear : D1 (720x480P)
Camera	Front : 1 Megapixel CMOS Sensor Rear : 0.3 Megapixel CMOS Sensor
Audio / Speaker	Embedded microphone, speaker
Frame Rate	Up to 30fps (Front : 720p / Rear : 480p)
Acceleration Sensor	3 axis acceleration sensor
GPS	External GPS Port
Input Power Source	DC 12/24V
Auxillary Power Unit	Super Capacitor
Operation Temperature	-20° ~ 60°C -4° ~ 140°F
Recording Mode	Continuous Record, Incident Record, Motion Detection Record, Manual Record, Incident Record during Parking

8. Troubleshoot

Condition	Description
No Power	Check if power cable is properly connected. Check if power is ON. Unplug the power cable and reconnect after 3 mins.
LCD Display doesn't turn ON	LCD display doesn't turn on in parking mode. LCD is ON during continuous mode.
Unable to record Audio /Voice	Check if MIC is ON in main menu.
Unable to record during parking	Check Parked Storage Priority is OFF in dashcam settings menu.
Unable to hear Audio /Voice	Check if Volume is OFF in main menu.
Touch Screen is not working	Reset the feature in touch calibration menu.
How do I view recorded files?	Visit www.momentocam.com to download the latest Momento Viewer.
How do I update the camera firmware?	Visit www.momentocam.com to download the latest Momento Camera Firmware.

9. Limited Warranty on Parts & Labor

MOMENTO provides a warranty to the original purchaser of a new Product against defects in workmanship and materials for a period of one (1) year.

If a product covered by this warranty is determined to be defective within the warranty period, MOMENTO will either replace or repair the product at its sole option and discretion.

Products determined defective must be sent to an MOMENTO service center to obtain warranty service.

Proof of purchase in the form of a receipt is required to show that Product is within the warranty period and product must have original and legible serial number information. To obtain warranty service, please register your system at momentocam.com/warranty.

- warranty@momentocam.com
- 888-820-3690

This Warranty is subject to change without notice.

FOR COMPLETE AND UPDATED WARRANTY INFORMATION PLEASE VISIT
: momentocam.com/warranty

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions :

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION :

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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