



10-INCH DIGITAL E-MIRROR WITH FRONT AND REAR DVR CAMERA

DVR-DM1000KO-IC

- OWNER'S MANUAL

Please read before using this equipment.

ALPS ALPINE NORTH AMERICA, INC.

1500 Atlantic Blvd,
Auburn Hills, Michigan 48326, U.S.A.
Phone 1-800-ALPINE-1 (1-800-257-4631)

ALPINE ELECTRONICS OF AUSTRALIA PTY, LIMITED

161-165 Princes Highway,
Hallam Victoria 3803, Australia
Phone 03-8787-1200

ALPS ALPINE EUROPE GmbH

Ohmstrasse 4, 85716 Unterschleissheim, Germany Phone: +49
(0) 89-32 42 640

For contact information on your respective country, please visit
www.alpine-europe.com.

ALPS ALPINE EUROPE GmbH

Aurora House, Deltic Avenue
Rooksley, Milton Keynes, MK13 8LW
United Kingdom
Phone: 0345-313-1640

ALPS ALPINE ASIA CO., LTD.

The 9th Towers, Tower B, 24th Floor, Unit TNB01-03,
33/4 Rama 9 road, Huay Kwang, Bangkok, 10310, Thailand Phone
+66 (2) 090 9596

ALPS ALPINE CO., LTD.

20-1 Yoshima Industrial park,
Iwaki, Fukushima, Japan 970-1192
Phone 0246-36-4111

Contents

Operating Instructions

WARNING

Safety Symbols in This Guide

Safety Information for Proper Use

Precautions for Product Use	3
Precautions when Installing the Product	4
Precautions for Children (Handle with Care)	5

Other Product Notes

Handling and maintenance of the product.....	5
Other precautions for use	6

Setup

Names of Each Part of the Device

Room Mirror Type Black Box Body	9
Front Camera / Rear Camera	9
Home Screen	9
Settings Screen	9

How to Use

Turning the Power on or off.....	10
Ejecting/inserting the MicroSD Card	10
Initialising the microSD Card	11

Screen Settings

Adjust Screen	12
Brightness Adjust Camera	12
Angle System Settings	12
Screen Brightness	12
Rear Tint Settings.....	12
Volume Settings.....	13
Clock Display Settings.....	13
Language Settings.....	13
Select a Model	13
etc.....	13

Setting up the Black Box Function.....	14
Resolution	14
Shock Sensitivity	14
While Driving Voice Recording	14
Set Parking Mode	14
Parking Timer	14
Low Voltage Protection	14
Parking Shock Sensitivity	14
Video Mode.....	14

Recording

Recording File Information.....	15
Approximate Recording Time By Recording Mode (Front Camera/Rear Camera).....	15
Continuous Video Mode.....	16
Recording	16
Continuous Impact Detection Recording/Manual	16
Recording Parking Impact Detection Recording	17

Playback

Play Video Delete.....	18
Video Recorded.....	18
Video PC Check	19
Recommended PC.....	19
Specifications Download.....	19
Dedicated Viewer Viewer Screen	20

Component Package and Installation Drawing

Package Contents.....	21
Installation.....	22
Connection Diagram	22

etc

Product Information	23
KC	24
License Information	24

Operating Instructions



Precautions for Safe Use

Please read this manual carefully before using this product. It contains instructions on how to use the product safely and effectively. Alpine is not responsible for any problems that arise from failure to follow the instructions in this manual.

This manual uses various pictorial representations to show you how to use the product safely and to warn you of potential hazards that may arise from improper connection and operation. The use of these pictorial representations is important to fully understand how to operate this product correctly.

To install this product in your vehicle, you must use the Alpine Digital Mirror Installation Kit (sold separately). Any other installation method may pose a risk to the driver and passengers.

Safety Symbols in this Guide

 warning	This symbol indicates important instructions. Failure to follow these instructions could result in serious injury or death.
 caution	This symbol indicates important instructions. Failure to follow these instructions may result in injury or property damage.
Note	This symbol indicates useful information that helps users make better use of product features.

Safety Information for Proper Use

Precautions for Product Use

Warning

Do not watch videos while driving.

Watching videos while driving can distract the driver, leading to an accident and injury.

Do not operate the device while driving.

Users must stop their vehicle before operating this device.

This software is designed for use on this device only.

It cannot be used in combination with other hardware.

Be sure to adjust your mirror angle before driving.

If used without adjusting to properly display the rear, it may result in accident and injury.

Precautions When Installing the Product

Warning

This product is for 12V only.

Do not use in 24V vehicles. This may cause accidents, fire, or malfunction. **Do not disassemble or modify the product.**

Accidents, fire or electric shock may occur. **For use only on vehicles with 12 volt negative ground.**

Improper connection and installation may cause fire. (Consult your dealer before installation)

When replacing a fuse, use the correct amperage rating.

Improper fuse replacement can result in fire or electric shock.

Do not block any vents or radiator panels.

Internal heat may build up and cause a fire.

After installation, check that the entire unit is functioning properly.

If used in a state where it does not operate properly, it may cause fire or electric shock during driving.

Use correct connection.

Improper connection may result in fire or damage to the product.

Disconnect the cable from the negative battery terminal before installation.

Otherwise, an electrical short circuit may result in electric shock or injury.

Keep cables from becoming tangled with surrounding objects.

Install the wiring and cables according to the manual so that they do not interfere with driving. Intrusive wiring around the steering wheel, gear lever or brake pedal can be very dangerous.

Do not splice electrical cables.

Never cut cables arbitrarily to power other equipment. This can cause fire or electric shock by exceeding the current carrying capacity of the wire.

Avoid damaging pipes or wiring when drilling holes.

When drilling holes in the chassis for installation, take precautions to avoid touching, damaging or interfering with pipes, fuel lines, tanks or electrical wiring. Failure to take these precautions may result in a fire.

Do not use bolts or nuts to make ground connections to the brake or steering system.

Bolts or nuts used for the brake or steering system (or other safety-related systems) or tank should never be used for installation or grounding. Use of these components may result in loss of vehicle control and may cause fire, etc.

Do not install in a location where it may interfere with vehicle operation, such as on the steering wheel or gear lever.

This can obscure forward vision, impede movement, and lead to serious accidents. Also, installation near airbags can interfere with the operation of the airbags, which can cause injury or death.

Do not operate any features that interfere with the safe operation of your vehicle.

Functions that require prolonged attention should only be performed after a complete stop. Always stop the vehicle in a safe place before performing

these functions. Failure to do so may result in an accident.

Precautions for Children (Handle with Care)

Warning

Keep small objects such as screws out of reach of children.

Swallowing may cause serious injury. If swallowed, seek medical attention immediately.

Other Product Notes

Handling and Maintenance of Products

Caution

If a problem occurs with the product, discontinue use immediately.

It may cause accidents and injuries along with product damage. If the product emits a strange smell or smoke or other problems occur, stop using it immediately and contact an authorized Alpine dealer or Alpine service center.

Have your wiring and installation done by a professional.

Wiring and installation of this device requires special skills and experience. For safety, please ask the seller to perform the installation.

Use the specified accessory parts and install them safely.

Be sure to use only the specified accessory parts. Using parts other than those specified may cause internal damage to this device or prevent the device from being installed safely. This may result in product failure or accidents.

Route wiring so that it is not pinched or damaged.

Install cables away from moving parts (e.g. seat rails) and sharp or pointed edges. This will prevent them from being pinched and damaged. If the wires pass through metal holes, use rubber grommets to prevent the wires from being damaged by the metal edges of the holes.

Do not install in humid or dusty locations.

Do not install in places where there is a lot of moisture or dust. If moisture or dust enters the device, the product may malfunction.

Reference

When regularly maintaining the product, use a soft, dry cloth. For heavy stains, lightly wipe with a soft, dry cloth dampened with water. Using detergents or other materials may dissolve the product's paint or damage the plastic.

If you have a problem, do not attempt to disassemble or repair the device yourself. For service, contact an authorized Alpine dealer or an Alpine service center.

Other Precautions for Use

Caution

- Specifications and appearance may change without notice for product improvement.
- The photos and illustrations in this manual may vary depending on the shooting and printing conditions. Therefore, there may be differences between the photos and the actual product.
- Installation varies by model, grade and year. Contact your Alpine dealer for installation information.
- Do not use this device contrary to the instructions in the manual or national and state laws.
- When connecting, check the labels attached to the cable and this manual. Proceed with caution and care.
- When installing this product, install it correctly in accordance with road traffic laws and other regulations. The speed at which GPS location information is collected may vary depending on weather and it may be affected by factors such as the film attached to the windshield.
- Check the blind spot range in advance. The rear camera has a blind spot. Also, the rear view is different from a regular rear view mirror. Drive safely and don't rely on the system.
- Before driving, turn off the digital mirror, assume the driving position and align the mirror as you would a normal mirror.
- The difference in the mounting positions of the mirror and rear camera may cause eye fatigue and objects may appear different in size.
- The screen may flicker due to glare in the external environment, but this is not a malfunction.
- Colors displayed on the monitor at night, in dark places, or under lighting may differ from actual colors.
- Striped shadows may appear on the monitor at night or in dark places.
- Use it like a mirror when the image is not clear.
- For vehicles equipped with a sunroof, if sunlight shines through the sunroof making it difficult to see, close the shade or use it as a mirror.
- The image may flicker when the light from the LED light source is reflected.
- Drivers should not operate the monitor while driving. Carelessness may result in unexpected accidents. Always operate the monitor before driving.
- We are not responsible for any accidental damage, such as malfunction or accident of the vehicle or products in the vehicle, caused by installing this product. Any fines, penalties or damages resulting from improper or illegal operation of this device are not the responsibility of Alps Alpine Co., Ltd. or its affiliates, subsidiaries, representatives, officers, employees or shareholders. In addition, there is no guarantee that footage recorded using this product can be used as evidence in court in the event of an accident or other problem.
- This product does not guarantee video recording in all situations. Data may not be protected due to overwriting.
- We are not responsible for any damage to data stored on the microSD card, damage to vehicles or people, or other accidents resulting from the use of this product.

Caution

- Please avoid any dangerous driving in order to check the product operation.
- For LED type traffic lights, the image may flicker and it may be difficult to distinguish colors.
- This product is a device that records the driving status of the vehicle and the situation in the event of an accident. Do not use it for any other purpose.
- Depending on how you use this product and the purpose and method of using the video and audio data recorded using this product, you may be subject to violation of privacy.
- Recording or videotaping or audiotaping anyone with this device without their consent may be a violation of state or national law. This may include recording audio of vehicle passengers without their consent. It is the user's responsibility to know and comply with the applicable laws of the jurisdiction in which this device is being used.
- Posting recordings made with this device on social media or elsewhere on the internet without the consent of the person recording may violate state or national privacy laws. It is your responsibility to know and comply with the applicable laws of the jurisdiction in which you use this device.
- Do not remove the microSD card while the device is operating. Doing so may damage the microSD card and prevent you from recording video. We are not responsible for any problems that may occur when recording video due to damage to the microSD card.
- This device is a continuous recording video recording device. When the microSD card capacity is full, the oldest video is deleted and new video is recorded (overwritten). If data is needed due to an accident, etc., immediately turn off the vehicle engine key, remove the microSD card, and save it to a computer.
- Parking recording may not work if the power supply voltage is low due to deterioration of the vehicle battery, etc.
- If you wish to keep the recorded video, please take steps such as copying it to your computer hard disk.
- LED traffic lights blink at a speed that is invisible to the naked eye, so they may appear to blink when recorded with this camera. Do not rely solely on this device. We are not responsible if LED traffic lights are not displayed.
- The microSD card is a consumable item. (The product lifespan varies depending on the manufacturer.) Its lifespan shortens with use, so it should be replaced with a new one periodically.
- We are not responsible for any malfunction or damage caused by wear and tear of the microSD card.
- If you have any questions, please contact the official Alpine dealer where you purchased the product or an Alpine service center.

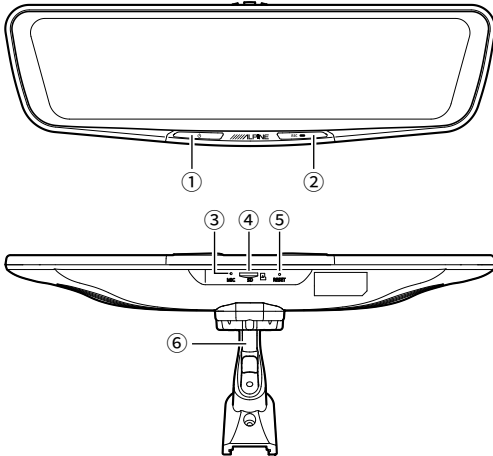
Caution

- The video recording function may not work properly in the following cases:
 1. If a microSD card is not inserted in the device.
 2. When removing the microSD card from this device.
 3. If you use a microSD card that does not meet the specifications of this device.
 4. When previously recorded video is erased (overwritten) by new recorded video.
 5. If the device and microSD card are damaged due to a serious accident, water immersion, etc.
 6. If the power cord between the battery and the device is disconnected due to a serious accident, etc.
 7. In case of a low-speed collision or a low-speed collision with an opposing vehicle.
 8. If your vehicle collides with the impact-mitigating portion of another vehicle.
 - * 7.8. The impact may be less noticeable than it appears because it is absorbed by bumpers, doors, tire boxes, etc. Low-impact accidents in which the airbag does not deploy may not be detected.
 9. If the other vehicle is lighter than your vehicle, or is a person or bicycle.
 10. If the side of the vehicle is scratched due to a collision with another vehicle.
 - * 9.10. If the other vehicle is light (car vs. pedestrian, car vs. bicycle, etc.) or is rotating, the impact of the collision may be absorbed, resulting in less shock to the vehicle.
 11. When suddenly applying the brakes on snowy or icy roads.
 - * On roads covered with snow or ice, the friction between the tires and the road surface is low, so even a small impact can cause the tires to slip, making it difficult for the G sensor to detect.
 12. When the impact is weak and does not meet the sensor sensitivity of the device.
 13. If the device body is not fixed or there is a problem with the installation of other devices.

Get Started

Device Diagram

Room Mirror Type Black Box Body



① **Short press of the power button:**
Only the LCD screen turns on and off
(dash cam function remains activated)

Long press: Turns the device on or off
(dash cam function also turns off).

② **Manual recording button**
Press to start manual recording.

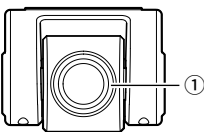
③ **Microphone is**
used for voice recording.

④ **microSD card slot Insert**
a microSD card.

⑤ **Press the**
reset button to reboot the power.

⑥ **Mounting bracket (sold separately)**
Used when mounting on a vehicle.

Front camera / Rear camera



① **Camera**
The camera photographs the exterior of the vehicle.

Home Screen



① **Continuous recording**
icon Blinks red during continuous recording. Blinks orange during impact recording or manual recording.

② **microSD card icon**
When inserted, it is white, and when not inserted, it is gray.

③ **The microphone**
icon is white when turned on and gray when turned off. (Default: On)

④ **The GPS icon**
is white when receiving, and gray when not receiving.

⑤ **The speaker icon**
is white when turned on and gray when turned off. (Default: On)

⑥ **Time/Date**
Displays the time and date. (Default: On)

⑦ **Playback**
Plays files recorded with this device.

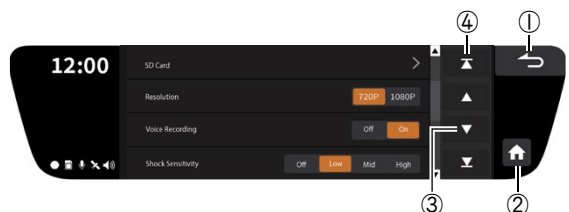
⑧ **Camera Switch**
Switches the camera image displayed on the LCD. Rear camera/Front camera * When *the front camera is displayed, the word "Front" is displayed at the bottom center of the screen.

⑨ **Still Screen**
Capture Takes a still image.

⑩ **Continuous**
Recording Turns continuous recording on or off. When the power is turned off, continuous recording will resume after 10 seconds.

Settings
Enter the Settings menu.

Settings screen



① **Back**
Returns to the previous screen.

- ② **Home**
Return to the home screen.
- ③ **Single scroll**
Scrolls one line.
- ④ **Page scroll**
Scroll one page.

How to Use

Turning the Power On or Off

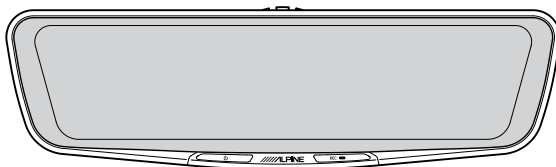
1 Turn the Ignition Key On.

When you turn the ignition key on in your vehicle, the device turns on. At the same time, continuous recording begins.



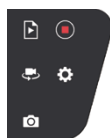
2 Turn the Ignition Key Off.

The device turns off when you turn the vehicle ignition key off.



3 Display the Menu Screen.

When you touch the screen, the menu screen appears. If no operation is performed for 10 seconds, the display returns to the home screen.

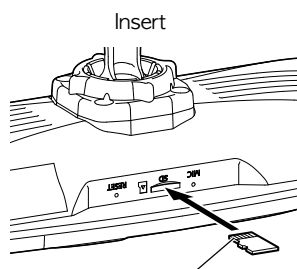
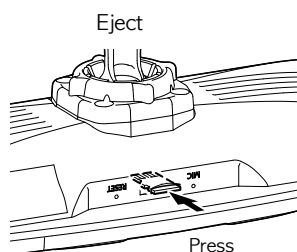


- **Note**
 - If the GPS determines that you are driving, some features may not be available. Please stop your vehicle in a safe place before performing any settings/operations.

Eject/Insert microSD Card

1 Turn the ignition key off.

2 Make sure the device is turned off, then press the microSD card until it pops out, then remove it. When inserting, make sure the terminals are facing the back of the rearview mirror.




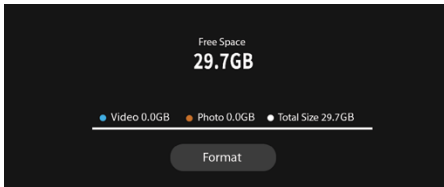
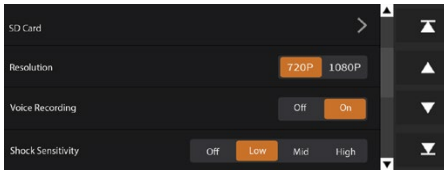
Place the Micro SD card with the terminal side facing the slot behind the digital mirror.

- **Note**
 - Do not remove the micro SD card while the power is on. This may damage the micro SD card.
 - A micro SD card is inserted upon purchase.

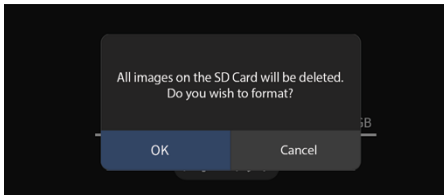
Initialise microSD Card

Delete all videos from your microSD card. If you have any videos you want to save, save them to your PC before doing this.

1 Touch  [(Settings)] → [SD Card] → [Format Memory].



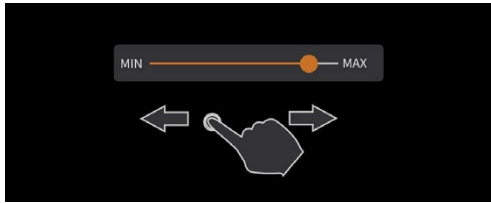
2 A confirmation message will appear. Click **OK** to execute the command.



Screen Settings

Adjust Screen Brightness

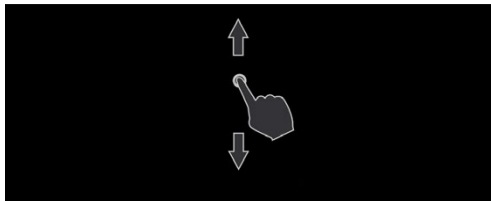
Swipe the screen left or right to adjust the brightness.



* This function is not available when "Screen Brightness" is set to "Auto".

Adjust Camera Angle

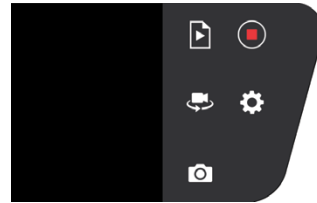
Swipe up and down to adjust the camera angle.



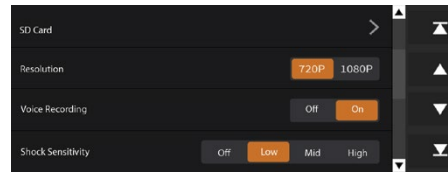
- : Note
 - The camera angle can be adjusted in steps.

System Settings

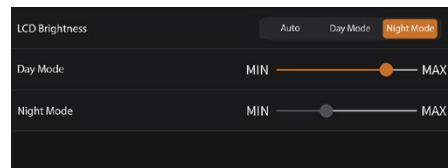
1 Tap Settings



2 On the next screen, select the items you want to set.



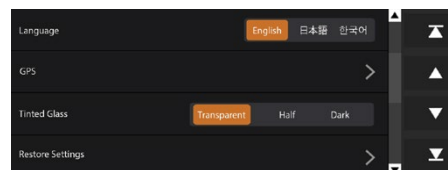
Screen Brightness



- Automatic: The screen brightness automatically varies depending on the ambient lighting inside the vehicle.
- Day Mode: You can manually adjust the screen brightness during the day.
- Night Mode: You can manually adjust the screen brightness at night.

Rear Tint Setting

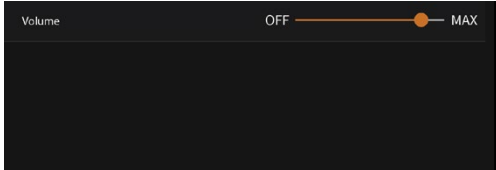
The brightness of the rear camera can be set according to the tint of the rear glass.



- Transparent: Select this when the glass has no color.
- Half: Choose when the glass has a light tint.
- Dark: Choose when the glass has a dark tint.

Volume Settings

Sets the volume of the speaker output.



Clock Display Settings

Set the clock display to display at the top left of the screen.

Settings: Off/12H/24H

Language Settings

Tap the language you want to set.

Select a Model

This feature allows you to set your desired opening image.

1 Select the desired opening image from the Alpine homepage on your PC. Download it.

2 Unzip the downloaded file.

3 Create a "OPENING" folder and put the extracted data in it.

*Use capital letters for the name of the created folder (OPENING).

*Be sure to place the entire unzipped folder inside the OPENING directory.

4 Copy the "OPENING" folder to your microSD card.

5 Insert the microSD card into your device.

6 Touch  [(Settings)] → [Select Model]

7 Images will appear on the screen, so touch the image you want.

etc

Version information:

Displays the version information of this device.

GPS Status:

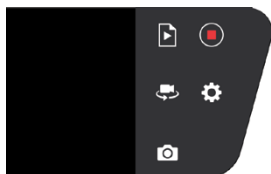
Displays GPS reception status.

Initialisation settings

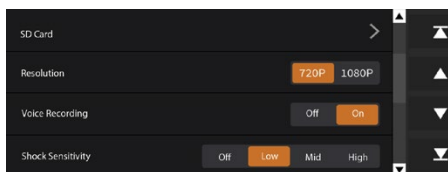
Reset all settings to factory settings.

Setting up the Black Box Function

1 Tap Settings



2 On the next screen, select the item you want to adjust.



Resolution

There are two types of recording resolution settings available.

Settings: 720P/1080P

■ : Note

- The time it takes to save recorded footage varies depending on the resolution. For more information, see "Estimated Recording Times for Each Recording Mode" on the next page.

Voice Recording

You can record audio along with video recording.

Settings: Off/On

Shock Sensitivity While Driving

You can set the detection sensitivity for recording when an impact is detected while driving.

Settings: Off/Low/Medium/High

Set Parking Mode

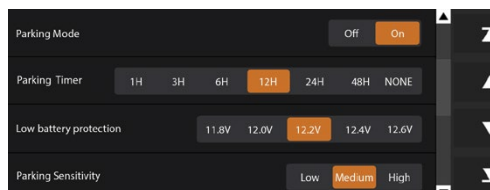
Sets whether parking recording is enabled. If this feature is disabled, the device will also turn off when the ignition key is turned off.

Setting: Off/On

Parking Timer

You can set the parking timer in parking mode.

*When parking mode is turned on, the parking timer turns on automatically.



Settings: 1 hour/3 hours/6 hours/12 hours/24 hours/48 hours/none

Low Voltage Protection

In parking mode, the device will turn off if the battery voltage drops below a set value.

Settings: 11.8V/12.0V/12.2V/12.4V/12.6V

Parking Shock Sensitivity

You can set the detection sensitivity for recording when an impact is detected while parking.

Settings: Low/Medium/High

Video Mode

Sets the recording method for parking recording.

Settings: Normal/Timelapse1/Timelapse2

■ : Note

- The time it takes to save recorded video varies depending on the resolution. For more information, see "Estimated Recording Times for Each Recording Mode" on the next page.
- Parking recording mode is a mode that records when an impact occurs while the vehicle is parked.

Recording

Recording File Information

Approximate Recording Time by Recording Mode (Front Camera/Rear Camera)

Card Size	Resolution	Continuous Recording	Continuous Shock Detection Recording	Manual Recording	Parking Impact Detection Recording		Still Image
					Usually	~ mins	
32GB	1080P	~142 mins	~58 mins	~29 mins	Usually	~58 mins	~675 pics
					Timelapse 1	~870 mins	
					Timelapse 2	~1,740 mins	
	720P	~153 mins	~62 mins	~31 mins	Usually	~62 mins	~1,519 pics
					Timelapse 1	~922 mins	
					Timelapse 2	~1,844 mins	
64GB	1080P	~284 mins	~116 mins	~58 mins	Usually	~116 mins	~1,350 pics
					Timelapse 1	~1,740 mins	
					Timelapse 2	~3,480 mins	
	720P	~307 mins	~125 mins	~62 mins	Usually	~125 mins	~3,033 pics
					Timelapse 1	~1,844 mins	
					Timelapse 2	~3,688 mins	
128GB	1080P	~568 mins	~232 mins	~116 mins	Usually	~232 mins	~2,700 pics
					Timelapse 1	~3,480 mins	
					Timelapse 2	~6,960 mins	
	720P	~615 mins	~251 mins	~125 mins	Usually	~251 mins	~6,076 pics
					Timelapse 1	~3,688 mins	
					Timelapse 2	~7,376 mins	

* Supported microSD cards: 8 - 128 GB (Class 10 or higher) Product: 32 GB

Video Mode

There are five recording modes: "Continuous Recording", "Continuous Impact Detection Recording", "Manual Recording", "Parking Impact Detection Recording", and "Still Image".

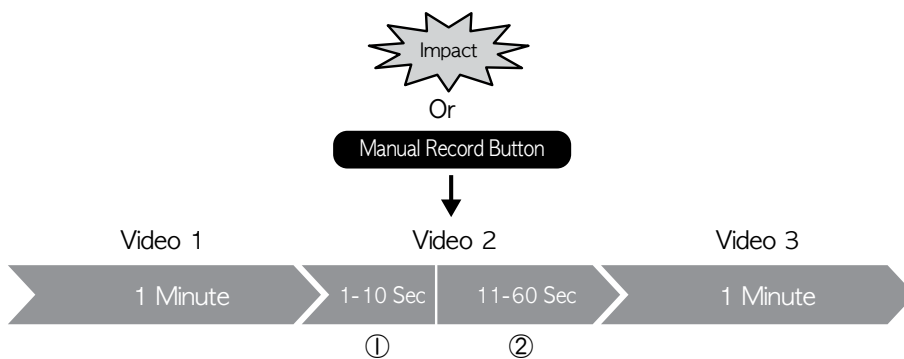
Continuous Recording

"The "Continuous Recording" feature records footage to the microSD card from the time the ignition key is turned on until it is turned off.



Continuous Shock Detection Recording / Manual Recording

If an impact is detected during continuous recording or the manual recording button is pressed, the recorded video for the next time period is extracted and saved as a separate file.



- ①When an impact is detected or the manual recording button is pressed, the Video 1 and Video 2 files are saved in each folder..
- ②When an impact is detected or the manual recording button is pressed, video 2 and video 3 files are saved in each folder.

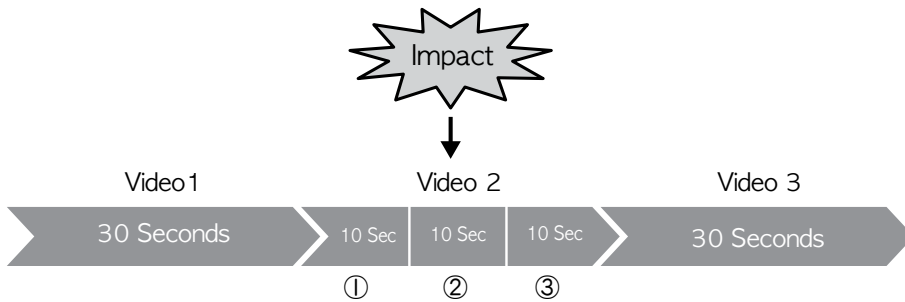
■ : Note

- When "Continuous Recording" is stopped, it will not be saved.
- When each storage area is full, the oldest files will be overwritten. If necessary, save data from the microSD card to your PC.

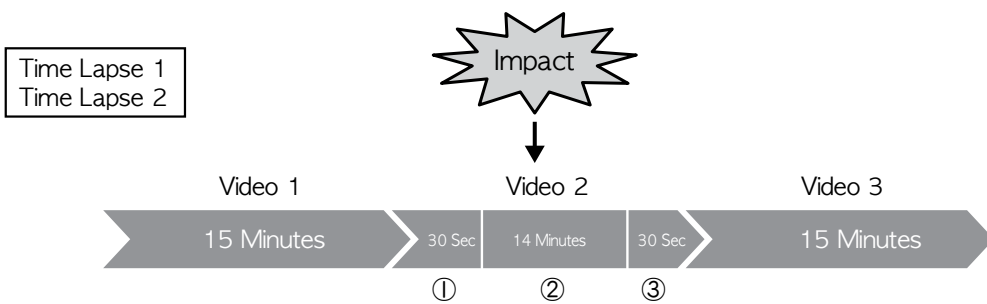
Parking Shock Detection Recording

Parking mode activates automatically 30 seconds after the engine is turned off.

When an impact is detected during parking mode, the video footage for the next period is extracted and saved as a separate file using the recording method set in the parking impact detection recording mode.



- ① When an impact is detected, video 1 and video 2 files are saved.
- ② When an impact is detected, video file 2 is saved.
- ③ When an impact is detected, video 2 and video 3 files are saved.



- ① When an impact is detected, video 1 and video 2 files are saved.
- ② When an impact is detected, video file 2 is saved.
- ③ When an impact is detected, files Video 2 and Video 3 are saved.

■ Note

- Time-lapse records frame by frame, so when you play the video, it will play for a shorter time than the actual shooting time.

Precautions When Using Parking Mode

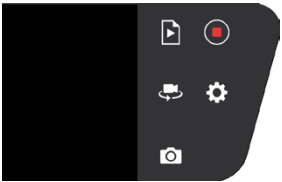
- Parking mode uses the vehicle's power, which puts a strain on the vehicle battery. Check the vehicle battery regularly.
- In the following cases, it is recommended to use the off-timer as the vehicle battery may be drained.
(Not driving daily/Driving less than 1 hour per day/Vehicle battery used for more than 1 year)
- After using parking mode, the vehicle battery voltage will be low, so be sure to start the engine and charge the vehicle battery.
Otherwise, your vehicle battery may be drained.
- We are not responsible in any way if the vehicle battery is discharged.
- When recording for a long time, recorded data may be overwritten depending on the capacity of the microSD card and the settings of the main unit. Please note.

Reproduction

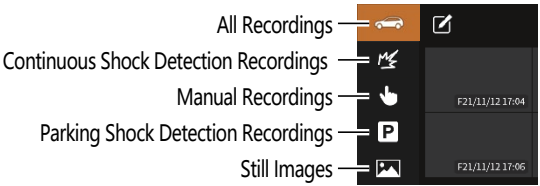
Play Video

You can view footage from your driving recorder on this device.

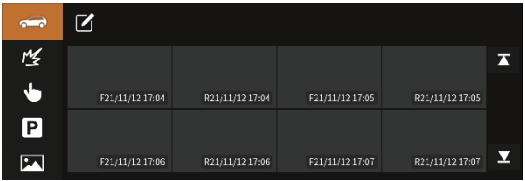
1 Touch  [(Play)].



2 Tap the icon of the recording type you want to watch.



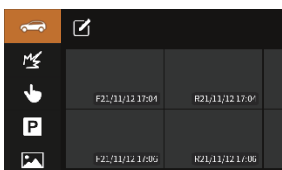
3 Select the date you want to watch. A list of videos for the selected date will appear, so touch the video you want to watch.




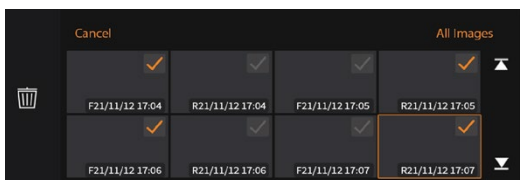
Delete Video

Operating this device allows you to delete unnecessary images.

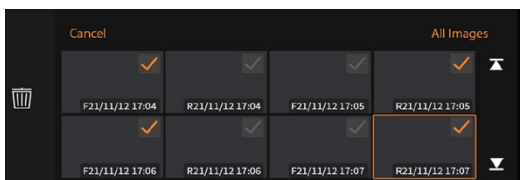
1 Tap [ (Edit)].



2 Tap the file you want to delete and a check mark [] will appear.



3 Tap [Trash Can Icon] and then press [OK].
* To delete all items, press All Images.



Check the Recorded Video on PC

Video files recorded with this device can only be played on a PC using the dedicated viewer. Using the dedicated viewer, you can simultaneously play the video recorded outside the vehicle and the map information showing the vehicle's location while driving.

Recommended PC Specifications

OS	Windows 7 / 10 / 11
CPU	Intel Dual Core or higher
Memory	4GB or more
Monitor Resolution	2736×1824

Download Dedicated Viewer

1 Download the viewer to your PC from the Alpine website.

File name:DMR-series_viewer.zip

2 Unzip the downloaded zip file (DMR-series_viewer.zip).

3 Double-click the "DMR-series_viewer.exe" file in the extracted folder.

■ : Note

- If necessary, create a shortcut to the "DMR-series_viewer.exe" file on your desktop. The shortcut icon will look like this:



Viewer Screen



■ Setting tasks

Go to "DMR-series_viewer" → "Settings" and set the following:


Language settings

Set the display language. Settings: Japanese/English

Speed Unit

Set the speed unit to display. Setting: km/h/MPH

■ Select file

 You can use the menu to perform various operations related to video files.



Select the file you want to play. You can select multiple files.

The selected files will appear in the list.

* Recorded videos are saved in the following folder.

Folder	The videos are saved in the following folder: Continuous recording: NORMAL Continuous shock detection recording: SHOCK Manual recording: MANUAL Parking Impact Detection Recording: PARKING Still Image: PHOTO
File	For front camera footage, the file name starts with "F". For rear camera footage, the file name begins with "R".



Removes the selected file from the viewer's image list.

Room mirror type black box body

■ Playback operation



① Stop playback.

② Displays the previous video.

③ Play/Pause.

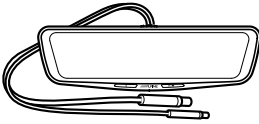

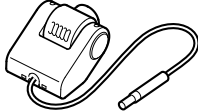

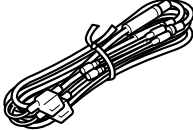
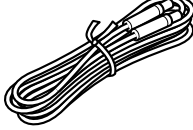
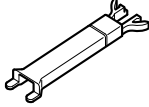
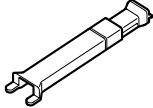

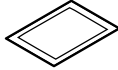
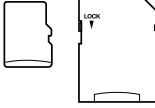

④ The following video is displayed.

⑤ Flips the video being played horizontally.

⑥ Displays the currently video in full screen.

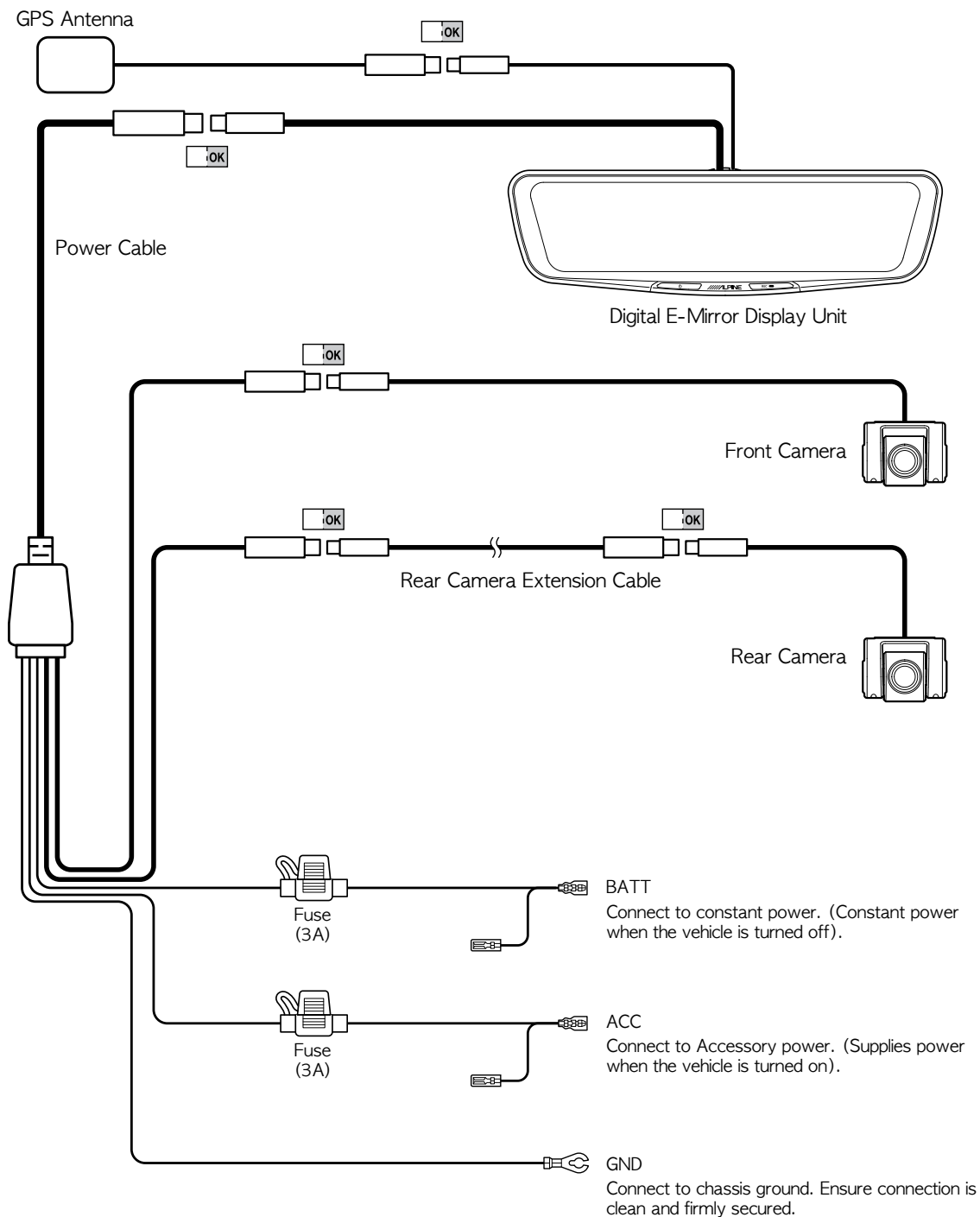
Component Package and Installation Drawing

Package Contents

Mirror Device Body	Front camera (3 m)	Rear camera (0.3 m)	GPS Antenna
			
Power Cable	Rear Camera Extension cable (6 m)	Cable Cover	Front Camera Cable Cover
			
Cleaning Cloth	Cleaner	SD card (32GB)	Anti-reflective Film
			 Please use it as needed.

Installation Diagram

Basic Connection Diagram



etc

Product Information

		DVR-DM1000KO-IC
LCD	Size	10 inches (10.0 inches)
	Resolution	1280x320
Camera	Pixel	2 million (front/rear)
	Angle of Lens	Front D:160° , H:137° , V:73° Rear D:135° , H:113° , V:60°
	Frame Rate	28fps (front/rear)
	F.value	Front: 1.8/Rear: 2.0
File Format		Video TS, still image JPG
Storage Device Memory		Supported microSD cards: 8 ~ 128 GB * Class 10 or higher
Power Supply Voltage		12V (rated 14.4V)
Operating Temperature		- 20°C ~ 60°C
Storage Temperature		- 40°C ~ 85°C
External Dimensions	Digital Mirror	265x80.9x34.5mm
	Camera (Front/Internal Rear)	45.4x52.0x31.0mm
Weight	Digital Mirror	375 g
	Camera (Front/Internal Rear)	40 g

KC

Name : ALPS ALPINE CO.,LTD.
Equipment name : 10-Inch Digital E-Mirror with Front and Rear DVR
(product name) : Camera
Basic model name : DVR-DM1000KO-IC
Manufacturer/
Country of Origin : ALPS ALPINE CO.,LTD. //Japan
Seller : JC Hyun Auto Co., Ltd.
BSD3.0



R-R-Skq-DM1000

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uitron/Common/LibC		