

REXING

Dash Cam



Rexing M1

User Manual

The information in this manual is subject to change without notice.

www.rexingusa.com

03/2019Rev2

Safety Information

To prevent injury to yourself or others, or damage to your device, read all safety information before using.



Warning

Failure to comply with safety warnings and regulations can result in serious injury or death.

***Rexing Dash Cam* is not intended to be touched, modified, or calibrated while operating a vehicle. *Rexing* is not responsible for any damages resulting from the user's misuse of the camera.**

Do not use damaged power cords or plugs, or loose electrical sockets. Faulty connections can cause electric shock or fire.

Do not touch the car charger with wet hands or disconnect the charger by pulling the cord. Doing so may result in electrocution.

Do not use a bent or damaged car charger. Doing so may cause electric shock or fire.

Do not use your device while it is charging or touch your device with wet hands. Doing so may cause electric shock.

Do not short-circuit the charger or the device. Doing so may cause electric shock or fire, or cause the battery to malfunction or explode.

Use only manufacturer-approved chargers, accessories, and supplies.

- Using generic chargers may shorten the life of your device or cause the device to malfunction. They may also cause fire or cause the battery to explode.
- Use only the manufacturer-approved charger specifically designed for your device. Using an incompatible charger can cause serious personal injury or damage to your device.
- **Rexing** cannot be responsible for the user's safety when using accessories or supplies that are not approved by **Rexing**.

Do not drop the charger or device, or subject them to impact. Handle and dispose of the charger and device with care.

- Never crush or puncture the device.
- Never dispose of the device in a fire.
- Never place the device in or on heating devices, such as microwave ovens, stoves, or radiators. The device may explode if overheated. Follow all local regulations when disposing of a used device.
- Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device and charger from damage.

- Avoid exposing your device to excessive cold or heat. Extreme temperatures can damage the device and reduce the charging capacity and life of your device.
- Do not allow children or animals to bite or chew the device. Doing so can result in fire or explosion, and small parts can be a choking hazard. If children use the device, make sure they use the device properly.

- Never use a damaged charger.

Do not handle a damaged or leaking lithium ion (Li-Ion) battery. For safe disposal of your Li-Ion battery, contact your nearest authorized service center.



Caution

Failure to comply with safety precautions and regulations can result in property damage, serious injury or death.

Do not use your device near other electronic devices. Most electronic devices use radio frequency signals. Your device may interfere with other nearby electronic devices.

Do not use your device near other devices that emit radio signals, such as sound systems or radio towers. Radio signals from these may cause your device to malfunction.

Do not expose the device to heavy smoke or fumes. Doing so may damage the outside of the device or cause it to malfunction.

If you notice strange smells or sounds coming from your device, or if you see smoke or liquid leaking from the device, stop using the device immediately and take it to a *Rexing Service Center*. Failure to do so may result in fire or explosion.

For your own safety, do not operate the controls of this product while driving. The window mount is needed when using the recorder in a car. Make sure that you place the recorder in a location where it will not obstruct the driver's view.

Always keep the camera lens clean, and ensure that the lens is not blocked by any object or placed near any reflective material. If the car's windshield is tinted with a dark coating, recording quality may be affected.

Do not store your device in excessively hot, cold, damp or dry locations. Doing so may cause the screen to malfunction, result in damage to the device, or cause the battery to explode. Your device is recommended for use within a temperature range of -10 °C to 70 °C, and a humidity range of 10% to 80%.

If your device becomes overheated, allow it to cool down before use. Prolonged exposure of skin to an overheated device may cause low-temperature burn symptoms, such as red spots or areas of darker pigmentation.

Install mobile devices and equipment with caution.

- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories in or near an airbag deployment area. Improperly installed wired equipment can cause serious injury in a situation where airbags inflate rapidly.

Do not drop your device or subject your device to impact. If the device is bent, deformed or damaged, malfunction may occur.

Take care to maximum battery and charger life:

- Your device may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damage or deterioration related to the use of unapproved accessories is not.

Do not attempt to disassemble, repair, or modify your device.

- Any changes or modifications to your device can void your manufacturer's warranty.

Clean your device and charger by wiping with a towel or eraser. Do not use chemicals or detergents. Doing so can discolor or corrode the outside of the device, and may result in electric shock or fire.

Do not distribute copyright-protected material. Doing so without the permission of the content owners may violate copyright laws. The manufacturer is not responsible or liable for any legal issues that result from the user's illegal use of copyrighted material.

Correct Disposal of This Product

(Applicable in countries with separate waste collection systems)



Waste Electrical & Electronic Equipment

This symbol, found on the device, accessories or accompanying literature, indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, **please separate these items from other types of waste and recycle them responsibly** to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for information on where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Disclaimer

Some content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal non-commercial use.

You may not use any content or services in a manner that has not been authorized by the content owner or service provider. Without limiting the foregoing, unless expressly authorized by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, sell, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

“THIRD PARTY CONTENT AND SERVICES ARE PROVIDED “AS IS.” REXING DOES NOT WARRANT CONTENT OR SERVICES SO PROVIDED, EITHER EXPRESSLY OR IMPLIEDLY, FOR ANY PURPOSE. REXING EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. REXING DOES NOT GUARANTEE THE ACCURACY, VALIDITY, TIMELINESS, LEGALITY, OR COMPLETENESS OF ANY CONTENT OR SERVICE MADE AVAILABLE THROUGH THIS DEVICE AND UNDER NO CIRCUMSTANCES, INCLUDING NEGLIGENCE, SHALL REXING BE LIABLE, WHETHER IN CONTRACT OR TORT, FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, ATTORNEY FEES, EXPENSES, OR ANY OTHER DAMAGES ARISING OUT OF, OR IN CONNECTION WITH, ANY INFORMATION CONTAINED IN, OR AS A RESULT OF THE USE OF ANY CONTENT OR

SERVICE BY YOU OR ANY THIRD PARTY, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.”

Third party services may be terminated or interrupted at any time, and **Rexing** makes no representation or warranty that any content or service will remain available for any period of time. Content and services are transmitted by third parties by means of networks and transmission facilities over which **Rexing** has no control. Without limiting the generality of this disclaimer, **Rexing** expressly disclaims any responsibility or liability for any interruption or suspension of any content or service made available through this device.

Rexing is neither responsible nor liable for customer service related to the content and services. Any question or request for service relating to the content or services should be made directly to the respective content and service providers.

About This Manual

This device provides high-quality digital recording using **Rexing's** high standards of design, construction and technological expertise. This user manual describes the device's functions and features in detail. Please read this manual before using the device to ensure safe and proper use. Note that all descriptions included here are based on the device's default settings.

- Images and screenshots may differ in appearance from the actual product. Content may differ from the final product or from software provided by service providers, and is subject to change without prior notice.
- For the latest version of this manual, refer to the **Rexing** website at www.rexingusa.com.
- Available features and additional services may vary by device and software.
- Applications and their functions may vary by country, region, or hardware specifications.
- **Rexing** is not liable for performance issues caused by applications from any provider other than **Rexing**.
- **Rexing** is not liable for performance issues or incompatibilities caused by failure to install the device as stated in this manual. Attempting to customize the installation may cause the device or applications to work improperly, which may result in device malfunctions and data corruption or loss. These actions are violations of your **Rexing** agreement and will void your warranty.
- Default applications that come with the device are subject to updates and possible discontinuation of support without prior notice. If you have questions about an application provided with the device, contact an authorized **Rexing** Service Center.

Table of Contents

Safety Information	2
Correct Disposal of This Product	6
Disclaimer	7
About This Manual	9
Table of Contents	10
Product Specifications.....	12
Package Contents	13
Camera Overview.....	14
Device Layout (Top)	14
Buttons.....	15
Status Icons.....	16
Getting Started	17
Installation	17
Powering the Camera	19
Inserting the Memory Card.....	20
Removing the Memory Card	21
Formatting the Memory Card	21
Powering the Device Manually.....	22
Basic Operation.....	23

Settings	24
Video Resolution	24
Segment Length	24
Exposure	25
Time Lapse.....	25
G-sensor Sensitivity	25
Parking Monitor	25
Screen Saver	26
Language.....	26
Volume.....	26
Frequency	26
Date and Time.....	27
Format	27
Default Settings.....	27
Version.....	27
Playback.....	28
Camera Playback Mode	28
Computer Playback	29
Troubleshooting.....	30
Updating Firmware.....	30
Common Solutions.....	31

Product Specifications

Image Sensor	2MP CMOS
Lens	Fixed-focus with full-glass elements
Aperture	F1.6
CPU Class	MSTAR
Display	10 inch IPS
Audio I/O	Internal high-sensitivity mic and speaker
Memory Requirements	Class 10 Micro SD card (up to 256GB)
Gravity Sensor	Normal / High / Highest / Off
Battery	800mAh 3.7V rechargeable lithium-ion battery
Video Format	.MOV
Video Resolution - Front	2304x1296p30f, 1920x1080p30f, 1280x720p30f
Video Resolution - Rear	1280x720p25f
Languages	English, Chinese (Simplified / Traditional)
Segment Recording	1 min / 3 min / 5 min
Screen Saver	1 min / 2 min / 3 min / Off

Package Contents

The following items should be found in the package:

- Rexing M1 Dashboard Camera
- Waterproof HD Rear Camera
- Rear Camera extension cable (18ft)
- Car charger (12ft)
- USB cable
- User manual
- Thank you card

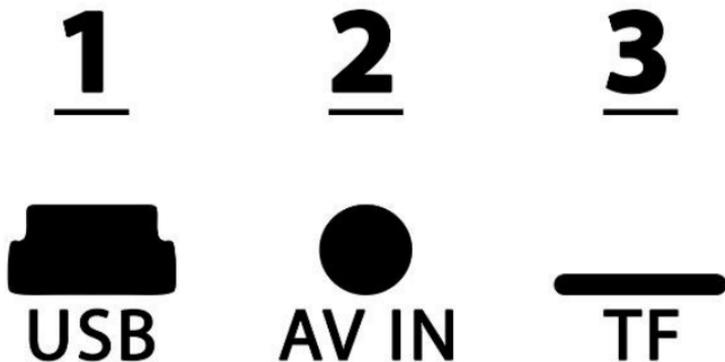
The items supplied with the device and any available accessories may vary depending on your region. Appearances and specifications are subject to change without prior notice. Availability of all accessories is subject to change.

All supplied items are designed for use only with this device and may not be compatible with other devices. Malfunctions resulting from the use of unapproved accessories are not covered by the warranty service.

For more information about available accessories, refer to www.rexingusa.com.

Camera Overview

Device Layout (Top)



1. Mini-USB Port: Plug the mini-USB end of the car charger cable to power the device

2. AV Port: Plug the rear camera cable to operate the rear camera

3. Micro SD (TF) Card Slot: Insert your micro SD card (See: Page 21)

Buttons

Button	Function
	Press: Toggle the display on or off Hold: Turn the device on or off
R	Press down on gold pin to reset the device
	Tap to begin recording
 (Red)	Tap to stop recording
	Tap to take a photo
	Tap to disable audio recording
	Tap to enable audio recording
	Tap to lock recording
	Tap to unlock recording

	Tap to access Playback Mode
	Tap to access Settings Menu

Status Icons

Icon	Meaning
	Currently recording (blinking)
	Recording locked
	Audio recording disabled
	G-sensor enabled
	Connected to power source

Getting Started

Installation

1. Attach the front camera to the rearview mirror

Unhook the straps in the back of the front camera, then wrap them around your rearview mirror. Connect the straps to the hook on the back of the camera to secure the camera to the rearview mirror.

2. Insert a memory card

You will need to insert a memory card before you can begin recording. **Do not insert or remove a memory card while the device is powered on.** The camera supports micro SD cards up to 256GB in size.



Rear Camera Wiring Reference

3. Mount the rear camera

Mount the rear camera as shown above. Use the rear camera extension cable to connect the waterproof rear camera to the front camera.

4. Connect the car charger to the car's 12V DC outlet

Run the cable down from your camera to the 12V cigarette lighter port of your vehicle. Be sure to connect only **Rexing**-approved chargers designed and supplied specifically for use with your device. Using an incompatible charger can cause serious personal injury or damage to your device.

5. Format the memory card

To ensure your camera records to your micro SD card properly and without error, **you must format the card within the camera** (See: Page 21).

Powering the Camera

Connect your camera to your vehicle via the included car charging cable to power your camera and charge the battery while driving.

Connect the charger to the car cigarette lighter or 12V DC power outlet, then insert the mini-USB end of the charger into the mini-USB port on the camera.

- **You should always connect the camera to a power source while recording.** The internal battery is primarily used to save files in the event of an emergency, and is only intended to handle a maximum of 15 minutes of disconnected operation.
- If the battery is completely depleted, the device will not turn on immediately when the charger is connected. Allow a depleted battery to charge for at least 5 minutes before attempting to turn on the device.
- If the device receives an unstable power supply while charging, the screen may not function properly. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's performance or lifespan.
- If the device is not charging properly, take the device and the charger to an authorized **Rexing** Service Center or contact Customer Care.

Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

Use only **Rexing**-approved chargers. **Using unapproved chargers or cables can damage the device or cause the battery to explode.**

Inserting the Memory Card

The dash cam accepts micro SD memory cards (class 10 or higher) with a maximum capacity of 256GB. Depending on the memory card manufacturer and type, some cards may not be compatible with your device. **Using an incompatible card may damage the device or the memory card, or corrupt the data stored on it.**

Inserting a memory card:

1. If the camera is currently powered, push and hold the **Power** button to turn the camera off.
2. Insert the card into the memory card slot, found at the top of the camera.
3. Push the card into the slot and listen for a click sound that signals the card is securely inserted.

Note: We recommend choosing a memory card which is specified for dash cam use. Our latest card recommendations can be found on our blog post titled “Choosing a Memory Card” (www.rexingusa.com/choosing-a-memory-card).

Removing the Memory Card

Before removing a memory card from your camera, you must first prepare it for safe removal by powering down the device.

Removing a memory card from your camera:

1. Hold the **Power** button to turn the camera off.
2. Gently push the memory card in until you hear a click, and allow the spring release to push the card out.

Do not remove the memory card while the device is transferring or accessing information. Doing so can result in data loss or corruption, or damage to the memory card or device. **REXING** is not responsible for losses that result from the use of damaged memory cards, including the loss of data.

Formatting the Memory Card

Using your camera to format a memory card:

1. Upon turning on the camera, tap the **Record** button to stop recording.
2. Tap the **Settings** button to access the Settings Menu.
3. Use the arrow keys to navigate to the "Format" option. Once this option is highlighted, tap "Yes" to continue.
4. You will be asked to confirm your choice. Tap "OK" to confirm.

Before formatting your memory card, always remember to back up any important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

It's recommended that you format your memory card after transferring

files to your computer, or at least once a month. For best results, format the memory card using the Format function on your camera.

Powering the Device Manually

You may find yourself wanting to access the device manually, independent from a power source. To do so, **press and hold the Power button for a few seconds to manually turn on the device**. A welcome message will be displayed onscreen, as shown in the image below.



To turn off the device, again press and hold the **Power** button for a few seconds. The above image will be displayed briefly upon shutdown.

Basic Operation

Auto On / Off

The device will automatically power on and start recording from both cameras once it begins receiving a charge, such as when you start your car.

There will be a red dot blinking on the top left of the screen to indicate that the camera is currently recording.

Once power is disconnected, the device will shut down after 5 seconds.

Display Control

Tap on the display to bring up the display menu.

Use the slider at the top of the display to adjust display brightness.

To switch between camera views, swipe left or right on the display. The device will continue to record from both cameras, regardless of the view.

To adjust the rear camera view, swipe up or down on the display.

To toggle the display, briefly press the **Power** button.

Locking Videos

While recording, you can tap the **Lock** button to manually lock the current video clip. This will ensure that the clip will not be overwritten by Segment Recording when the memory card is full.

Locked videos can be found on the memory card under the “Lock” folder.

Settings

To access the Settings Menu, first stop recording, then hit the **Settings** button on the display menu.

Video Resolution

Default Setting: 1080p (1080p Front + 720p Rear)

Set the video recording resolution.

Approximate recording time

Memory Card Size	1080p Resolution	720p Resolution
16GB	1.75 hours	2.5 hours
32GB	3.75 hours	5.5 hours
64GB	7.5 hours	11 hours
128GB	15 hours	22 hours
256GB	30 hours	44 hours

Segment Length

Default Setting: 1 Minute

Video will be continually recorded, split into segments. When the storage limit is reached on the memory card, new recordings will automatically overwrite oldest recordings. Locked video files on the memory card will remain protected and will not be overwritten.

Exposure

Default Setting: 0

Manually adjust the exposure to brighten or darken recordings. Positive values brighten recordings, while negative values darken them.

Time Lapse

Default Setting: off

Time lapse function automatically takes photos at specified intervals and edit them together to a video clip so they can play much faster than real time..

G-sensor Sensitivity

Default Setting: Normal

In the event of an accident, an automatic file lock will be placed on the current video, preserving your most crucial footage. Locked videos can be found on the memory card under the “Lock” folder.

Note: Locked video files will **not** be overwritten by Segment Recording, they will remain on the memory card until they are manually deleted, or when the card is formatted.

Parking Monitor

Default setting: Off

When this function is enabled, the camera will automatically enter parking mode whenever it is shut down. When parking mode is enabled and a collision is

detected, the dash cam will turn on and begin recording a 20 second video clip, which it will then lock to prevent overwriting.

Screen Saver

Default Setting: Off

Specifies the duration for which the display will stay on after the device is powered on. Having this setting disabled (default) will keep the display on constantly. To wake the camera from screen saver mode, tap anywhere on the display.

Language

Default Setting: English

Set your preferred menu language.

Volume

Default Setting: Normal

The volume level of the sound effects from the device.

Note: Changing this setting will **not** affect the audio of your recordings.

Frequency

Default setting: 60Hz

Power supply specification used in your country or geographical region. United States users should use 60Hz (default).

Date and Time

Set the time and date on your device.

Note: If the battery is fully discharged or removed from the device, the time and date may be reset.

Format

Performing this operation will format the memory card, clearing it of **all** files.

Note: Locked videos will also be cleared, so ensure you have backed up your important footage before formatting the card.

Default Settings

Performing this operation will reset all settings to their default values.

Version

Displays the current device firmware information.

Playback

Video recordings from the front and back cameras will be stored in chronological order on the memory card for easy navigation and playback.

Camera Playback Mode

- Switch to Playback Mode by tapping the **Playback** button on the display menu.
- Use the icons on the left to switch between front and rear camera recordings, as well as locked recordings and photos.
- In Playback Mode, you may lock or delete recordings with the respective icons on the bottom right of the display, right beneath the time and date.
- Scroll between your files by swiping up and down on the file list.
- To play back a recording, tap the name of the file you want to play back, then tap on the preview frame to play.
- While playing back a recording, you can pause, play, lock, delete, rewind, or fast forward the recording by tapping the icons on the display.
- To exit a recording, tap the arrow icon on the top left of the display.
- To exit Playback Mode, tap the arrow icon on the top left of the display.

Computer Playback

Recommended Media Players: QuickTime Media Player / VLC / Windows Media Player

Using an SD card adapter

Insert your micro SD card into an SD card adapter, then insert the SD card adapter into your computer (or card reader) to access your card storage. **Your front and rear camera videos will be stored under the “Video” folder, sorted into the “F” and “R” subfolders respectively.**

Finding locked files

Locked videos can be found on the memory card under the “Lock” folder.

Troubleshooting

Updating Firmware

Please note that we only recommend updating your firmware if you experience issues with your camera.

Installing incorrect firmware can damage your device. Identify the correct firmware for your camera by following the prompts on the [rexingusa.com](http://www.rexingusa.com) firmware portal.

To update your camera's firmware:

1. Format the memory card using the Format function (See: Page 21).
2. On a computer, visit the firmware section of www.rexingusa.com and follow the prompts to locate the correct firmware for your camera.
3. Download the firmware zip file to your computer.
4. Unzip the file.
5. Move the resulting file (.bin) to the root of your memory card.
6. Safely eject card from computer, then insert into your unpowered camera.
7. Turn the camera on **by connecting to a power source**.
8. The camera will update automatically. The screen will stay off but the status light will stay on for up to 1 minute while the firmware updates.
9. After updating, format the memory card once more. **Failure to do this will result in the camera attempting to update the firmware every time it's powered on.**
10. After formatting, use the **Power** button to reboot the camera. **Do not disconnect the camera from the power source.**
11. Upon reboot, you may disconnect your camera from power.

Common Solutions

Problem	Possible Cause(s)	Solution(s)
Images are not being saved	Memory card is full or malfunctioning	Format the memory card. If issue persists, replace the memory card
Rear camera isn't recording video	Rear camera extension cable is not maintaining a stable connection	Use a new extension cable (3.5mm cable)
Can't open Settings Menu	Camera is recording	Tap the Record button to stop recording before attempting to access the Settings Menu
Device keeps rebooting	Battery is depleted Power cable is defective	Ensure you are using a proper connection for charging your device while driving Contact customer care for assistance with a replacement power cable

<p>Memory card won't stay in</p>	<p>Memory card isn't compatible Memory card is too thin</p>	<p>Use your nail or a coin to push the memory card in until it clicks Use a new memory card</p>
<p>Memory card isn't recognized (cluster error)</p>	<p>Memory card needs to be formatted</p>	<p>Format the memory card</p>
<p>Display is disabled after some time</p>	<p>Screen Saver is enabled</p>	<p>Disable Screen Saver feature Restore to default settings</p>
<p>Powering off unexpectedly</p>	<p>Memory card isn't compatible Camera isn't getting continuous power</p>	<p>Restore to default settings Use a new memory card Contact customer care for assistance with a replacement power cable</p>
<p>Screen is frozen</p>	<p>Memory card is defective or corrupted</p>	<p>Format the memory card. If issue persists, replace the memory card</p>

<p>Unable to record videos</p>	<p>Memory card is full Memory card is defective or corrupted</p>	<p>Make sure the red dot is blinking while recording Check remaining space on memory card and delete files if necessary Restore to default settings Format the memory card. If issue persists, replace the memory card</p>
<p>Stops recording at random intervals</p>	<p>Memory card isn't compatible</p>	<p>Restore default settings Format the memory card. If issue persists, replace the memory card</p>
<p>Segment Recording isn't functioning</p>	<p>G-sensor sensitivity is too high Memory card is full</p>	<p>Make sure G-sensor is on low sensitivity Format the memory card</p>
<p>Memory card is full</p>	<p>There are too many locked videos</p>	<p>Make sure G-sensor is on low sensitivity Clear locked files Format the memory card. If issue persists, replace the memory card</p>

<p>Stops recording after 1-3 looped files</p>	<p>Insufficient power is being supplied to the device Memory card isn't compatible</p>	<p>Restore to default settings Replace power cord Format the memory card. If issue persists, replace the memory card</p>
<p>"File error" is encountered when trying to play back pictures or video</p>	<p>Memory card is corrupted</p>	<p>Format the memory card. If issue persists, replace the memory card</p>
<p>Hazy images</p>	<p>Lens is dirty</p>	<p>Carefully clean dust or fingerprints from the lens with a microfiber cloth</p>
<p>Auto On/Off isn't working</p>	<p>Car charging port has continuous flow of power</p>	<p>This feature can only work if it is being used in a charging port that turns off with the vehicle</p>