

# d'Action 360 S Battery Option (DC101A) User Manual

## Introduction

Thank you for purchasing the d'Action 360 S Battery Option (DC101A). Please ensure that you read this user manual prior to use, and retain it in a safe place.

- This product is for exclusive use with Car Mate's d'Action 360 S (DC5000A). Attaching the battery option to your d'Action 360 S gives you the freedom of shooting pictures and videos outside of your car.
- A custom soft lens cover and camera pouch are included with this product. Please use these accessory items to protect the camera body.



## Caution

- The battery pack in this product includes a built-in lithium ion battery. Please handle with care as failure to observe the safety precautions may result in fire or injury.
- Do not forcibly handle this product or subject it to excessive forces, such as stepping on it, or dropping it. Doing so may result in injury or product malfunction, such as fire or explosion.
- Do not leave this product near an open flame, in sunlight on a hot day, or inside a hot car. Doing so may result in fire or explosion.
- Do not allow water or foreign matter to enter the product. Doing so may result in fire or electric shock.
- This product is not dustproof, rainproof, or waterproof. Do not use in places exposed to dripping water, or areas with high levels of humidity, dust or smoke. Doing so may result in fire, electric shock or malfunction.
- Do not handle this product with wet hands. Doing so may result in electric shock.
- Do not attempt to disassemble or alter this product. Doing so may result in fire or electric shock.
- While charging, ensure that the battery pack is securely attached to the camera body.
- Remove the battery pack from the camera body when not charging. Failure to do so may shorten the battery life.
- Do not directly touch the terminals of the battery pack with your finger. Doing so may result in product malfunction.
- Periodically check the terminals and ports of the battery pack and the camera body for dust and dirt. If there is dust or dirt present, gently wipe it away using a clean, dry cloth. Never use a wet cloth or chemicals to clean product. Doing so may result in product malfunction.
- Do not insert metal items such as pins or needles, directly into holes or gaps in the battery pack or the camera body. Doing so may result in product malfunction or electric shock.
- If the battery pack gets dirty, thoroughly wring out a cloth that has been soaked in a diluted neutral detergent, wipe down well, then wipe again with a dry cloth.

## Product Contents

Battery Option (DC101A)

•Battery pack

•Soft lens cover

•Camera pouch

•Capacitor cap

•Protective sheet × 2

## Attaching to the camera

[Additional items you will need]

•Camera main body (d'Action 360 S)

•Camera cap (included with d'Action 360 S)

1. Insert the battery pack into the camera body, ensuring that the triangle marks on both the camera body and battery pack are aligned. Continue inserting until the locking portion in the camera body makes a clicking sound.

2. Attach the cap to the bottom surface of the camera. Lock the cap in place while holding it down. \*If the camera does not start by pressing and holding the power button, the battery pack may have been inserted incorrectly. Please check the triangle marks and carry out the previous steps once again.

Note

When attaching the camera to commercially available tripods, use the included protective sheet.

•Line up the tripod hole of the camera body and the hole of the protective sheet to attach a third-party tripod. The protective sheet can be used multiple times.

## Charging

[Additional required items]

•Camera main body (d'Action 360 S)

•Commercially available USB power adapter (output: 5V / 1.0A or more).

•microUSB cable (Communication cable included with d'Action 360 S, or a commercially available microUSB cable)

\*Make sure to charge this product fully when using for the first time.

1. Ensure that there are no foreign objects in the terminals, ports, or each connector of the battery pack, camera body and microUSB cable terminal you intend to use.

2. Align the triangle mark on the camera body with that of the battery pack, then insert the battery pack into the camera body. Ensure to engage them together until the locking portion in the camera body makes a clicking sound.

3. Connect the camera body to a commercially available USB power adapter using a microUSB cable. •Charging is also possible using a PC. \*Do not use the power socket included with d'Action 360 S for charging the battery pack.

4. Plug the commercially available USB power adapter into a household power outlet, or turn on your PC. The power LED on the camera body will light up orange to indicate that it is charging. \*If the power LED does not light up, the battery pack may have been inserted incorrectly. Please check the triangle marks and redo.

5. When charging is complete, the power LED will turn off. Remove both the battery pack and the microUSB cable from the camera body when charging is complete.

Removal

•When the locking portion on the camera body is unlocked, the battery pack can be ejected.

## Removing the capacitor

Follow the instructions of the user manual of the camera body when removing the camera from your car.

When removing the camera from your car, you will also need to separate the capacitor from the camera. To protect the capacitor terminals, attach the capacitor cap included with this product.

\*Keep the capacitor cap in a safe place.

## Storing the camera

When carrying or storing the camera body, use the soft lens cover and the camera pouch, both included with this product.

\*Attach the soft lens cover over the camera lens and buttons.

## Troubleshooting

Problem	Solution
Product does not start charging (LED does not light up)	<ul style="list-style-type: none"><li>•The battery pack is inserted facing the wrong way. →Insert the battery pack in the correct orientation.</li><li>•Usage environment is outside operating temperature range. →Use within the operating temperature range when charging the battery.</li><li>•Connectivity between terminals or that of the cable is poor. →Ensure that there is no dust, dirt, or foreign matter present, and make sure they are securely connected.</li><li>•Input voltage / input current is not suitable. →Use a USB power adapter (output: 5V / 1.0A or more) or USB port suitable for the input voltage / input current of this product.</li><li>•Battery pack is not attached. →Check that it is securely attached.</li><li>•Lifespan of built-in battery →The built-in battery is an expendable item. Please purchase a new Battery Option (DC101A). (Battery lifespan varies depending on usage)</li></ul>
Unable to switch on the camera	<ul style="list-style-type: none"><li>•The battery pack is inserted facing the wrong way. →Attach the battery pack in the correct direction.</li><li>•Usage environment is outside operating temperature range. →When the ambient temperature exceeds the camera's operating temperature range, product operation will be stopped for protection. Use within the operating temperature range of the camera.</li><li>•Connectivity between terminals is poor. →Ensure that there is no dust, dirt, or foreign matter present, and make sure they are securely connected.</li><li>•There is no power left in the batteries. →Charge the battery pack.</li></ul>
Recording time has shortened	<ul style="list-style-type: none"><li>•Usage environment is outside operating temperature range. →When the ambient temperature exceeds the camera's operating temperature range, product operation will be stopped for protection. Use within the operating temperature range of the camera.</li><li>•Terminal and cable contact area is dirty. →If there is dust or dirt present, gently wipe it away using a clean, dry cloth.</li><li>•Lifespan of built-in battery →The built-in battery is an expendable item. If the total usage time on a full charge has dramatically shortened, please purchase a new Battery Option (DC101A). (Battery lifespan varies depending on usage)</li><li>•There is minimal, or no power left in the batteries. →Charge the battery pack.</li></ul>
The battery pack has expanded	<ul style="list-style-type: none"><li>•The built-in battery has expanded. →If the built-in battery expands due to excessive charging or over-discharge, please discontinue usage of the product and recycle. Do not insert an expanded battery pack into the camera.</li></ul>

## Specifications

■Battery pack	
Battery type	Lithium ion
Nominal voltage	DC3.7V
C rating	1180mAh
Continuous recordable time	Approx. 65 minutes*
Charging time for average use (approx. 90% charged)	2 hours*
Time until full charge (100%)	3.5 hours*
Number of possible charges	Approx. 500 times*
Operating temperature	During operation: -10°C to 45°C (14°F to 113°F) While charging: 0°C to 45°C (32°F to 113°F)
Storage temperature	0°C to 45°C (32°F to 113°F)
Warranty period	One year

\*Values may vary depending on the usage environment. The possible recordable time may dramatically shorten, particularly in low-temperatures.

## Recycling

The battery pack of this product includes a built-in lithium ion battery. In order to preserve precious resources, do not discard dead battery packs. Instead, please recycle them at your nearest facility. When recycling, please cover the terminals with an insulating material such as tape. Do not disassemble the battery pack.

Please refer to the Call2Recycle homepage (<https://www.call2recycle.org/>) for information regarding the recycling of rechargeable batteries and recycling facilities.

## Product Warranty

Warranty Document

This Product has been made available for purchase after having undergone strict quality control and inspection. In the event of a product failure arising from normal use, please contact the dealer at the point of purchase, or RAZO warranty center for product repair/replacement.

Purchased Product	Battery Option (DC101A)			
Date of Purchase	*Please retain proof of purchase indicating the Purchase Date alongside this Warranty Document.			
	Month / Day / Year		Warranty period for free repairs Within one year from the Purchase Date	
Customer Information	<div>First NameLast Name</div> <div>Street</div> <div>CityStateZip CodeCountry</div> <div>TEL</div>			
Dealer Information	<div>Dealer Name</div> <div>Street</div> <div>CityStateZip CodeCountry</div> <div>TEL</div>			
Failure Information	Problem: <div></div>			

Warranty Provisions

1. In the case of product failure resulting from normal use, Car Mate will repair or exchange the product free of charge within the warranty period. (One (1) year from the date of purchase)

2. Repairs will incur a charge within the warranty period pursuant to the following:

(a) When this Warranty Document is not presented

(b) Product failure and damage due to incorrect use, improper repair and alterations

(c) Failure, damage or loss caused by mail/freight carriers incurred during shipment of parts to RAZO warranty center.

(d) When there is evidence of moisture, water intrusion into the product from the outside

(e) Product failure and damage due to fire, earthquake, flood damage, abnormal voltage, pollution, use of power supply outside the specification (voltage / frequency), and other natural disasters and calamities

(f) When the warranty certificate information has not been properly completed. Note: Valid dated sales receipt from authorized RAZO dealer can be accepted as proof of warranty coverage.

(g) The external portion has been damaged

3. The loss of products, parts or accessories is not covered under warranty.

4. Products received from another person and resold items are not covered under warranty.

5. Please present this warranty document prior to requesting repairs at your place of purchase or at RAZO warranty center.

6. This Warranty Document will not be reissued, so keep it stored in a safe place.

7. This warranty is valid only for service in Americas.

United States :  
Car Mate USA, Inc.  
383 Van Ness Avenue, Suite 1603  
Torrance, CA 90501, USA  
For product questions and technical support  
please contact: [info@carmate-usa.com](mailto:info@carmate-usa.com)  
310-533-1647 (OFFICE) <https://razo-usa.com>

For other countries :  
**CAR MATE MFG. CO., LTD**  
5-33-11, Nagasaki, Toshima-ku,  
Tokyo 171-0051, Japan  
[int@carmate.co.jp](mailto:int@carmate.co.jp)  
<http://www.carmate.co.jp/english>

● Product specifications and appearance are subject to change without notice for improvement.  
● Car Mate takes no responsibility for accidents arising from misuse or alteration of this product.