

CM-1000

For safety, be sure to read this user's manual thoroughly before use, and follow them for correct use.

- ⚠ DANGER**

 - Do not leave CM-1000 near sources of heat such as heaters. Do not heat CM-1000 or throw it into a fire. Doing so may cause bursting or ignition of the built-in battery.
 - Do not subject CM-1000 to strong shocks or throw it. Doing so may cause overheating, bursting, or ignition of the built-in battery.
 - Do not deform, modify, or disassemble CM-1000. Do not use the built-in battery for other than intended purposes. Doing so may cause leakage, overheating, bursting, or ignition of the built-in battery.

- ⚠ WARNING**

 - The operating temperature ranges for the battery are given below. Do not use the battery in temperatures outside these ranges. If the battery is used or stored in temperatures outside these ranges, fire, injury or problems with operation may occur.
 - In use: -10°C - 40°C
 - In storage: -20°C - 60°C
 - Store it in a safe place out of the reach of children and infants. Infants may swallow the memory card accidentally as it is small. If they swallow it accidentally, seek medical advice immediately.

- ⚠ CAUTION**

 - Do not leave CM-1000 in a place exposed to direct sunlight, inside a vehicle on a hot day, or other hot places. This may cause the built-in battery to leak.
 - If any leaked fluid gets on your skin or clothes, wash it off immediately with clean water. The leaked fluid may damage your skin.

■ Note

- We are not liable for data save errors or loss of data due to any malfunction of CM-1000 or the SD card.
- Do not drop CM-1000. Doing so may damage CM-1000.
- Do not leave CM-1000 in an area exposed to strong sunlight for an extended period of time.
- Condensation sometimes forms on CM-1000, such as when it is moved from outdoors to a warm place indoors in winter. Entry of condensation (dew) into the product may cause a malfunction. To prevent condensation, seal the product in a bag and after coming indoors, leave it at ambient temperature for a while before removing it from the bag. Finally open the cover and leave the product for a few hours.
- If CM-1000 gets seawater on it, wash the salt, sand, and dirt attached to CM-1000 off with fresh water such as from a shower. Then, remove the lens cover and dry CM-1000.
- Do not expose the camera lens to direct sunlight for an extended period of time.
- To clean the lens surface, lightly blow off the dirt and dust with a blower and gently wipe the lens with a soft, dry cloth.
- Do not rub the lens surface hard. Doing so may scratch the lens surface or cause a malfunction.
- Straight lines in pictures taken by CM-1000 may be distorted due to a characteristic (distortion) of the lens, but this is not a malfunction.
- If CM-1000 becomes hot after continuous use, the protection circuit may turn on to stop the operation of CM-1000.
- About the waterproof function
 - CM-1000 is equivalent to JIS waterproof grade 8 (IPX8) and can be used at depths of up to 10 m for up to 2 hours.
 - The waterproof capability is as per our test standards and does not guarantee the complete prevention of damage, malfunction or waterproofing under all conditions.
 - If you subject CM-1000 to a strong impact by hitting it, dropping it, etc., the waterproof function is not assured.
 - Do not use CM-1000 under water pressure higher than the specifications, in hot springs, or in water at temperatures of 40 °C or higher.
 - The waterproof function of CM-1000 is effective only against seawater and fresh water.
 - Malfunction resulting from the penetration of water caused by inappropriate use is not covered by the warranty.
- Use the underwater protector when using the CM-1000 underwater. The standard protector may prevent the device from performing adequately, for example by limiting the angle of view or preventing proper focus.
- The underwater protector can only be used for a viewing angle of 135 degrees. To ensure the waterproof function, be sure to attach the protector.

■ Package contents

A	CM-1000 (with standard protector preinstalled)	C	Mount set (mount A, mount B, screws, leash, belt, rubber, double-sided tape)	E	User's manual, Quick manual
B	USB cable	D	Underwater protector		

■ Charging the built-in battery

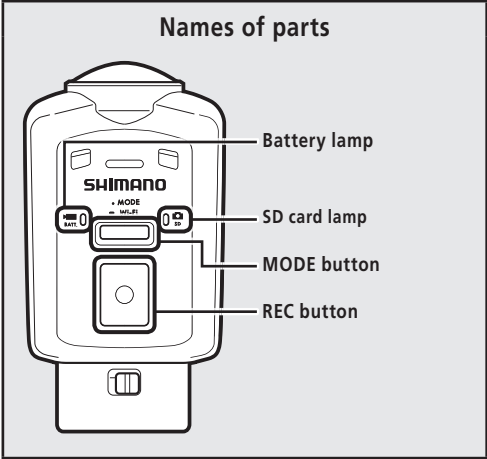
- Open the waterproof cover and connect the USB cable provided to the socket F. Connect the USB cable to the PC and fully charge the battery.
- Standard charging time: 4 hours
 - Recordable Time : Approximately 2 hours (Full HD)

■ Replacing the SD card

- Open the waterproof cover and insert the memory card into the slot G with the label side facing up until it clicks. Then close the waterproof cover.
- Supported memory cards: Micro SD/SDHC class 6 or higher (up to 32GB)

* For details on operation procedures, applications required to use peripheral devices, etc., you can also check our support website (<http://www.shimano-sportcamera.com/>). This user's manual is available at: <http://si.shimano.com/#categories/90>

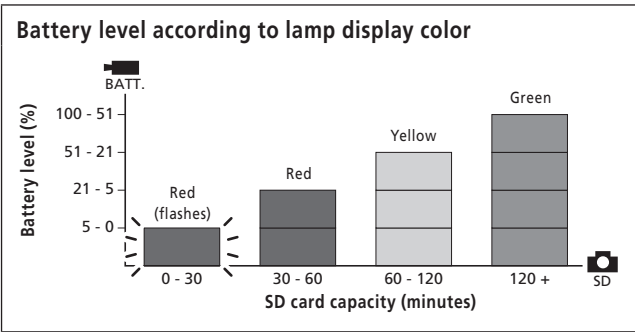
SHIMANO SPORT CAMERA



Taking pictures

■ Switching the power on and off

- Pressing the **MODE** button once turns on the camera with two beeps. At that time, the two LEDs turn on.
- Holding down the **REC** button turns off the camera with four beeps.
- When the camera is turned on, the two LEDs at the center of the camera light up for about 2 seconds.
 - The left LED indicates the battery level and the right LED indicates the remaining capacity of the SD card.



■ Recording video

- Pressing the **REC** button once starts video recording with two beeps.
- Pressing the **REC** button again stops video recording with a series of beeps.

■ Switching between the recording modes

- Turn on the camera and press the **MODE** button to change the recording mode.
- Each time you press the **MODE** button, the recording mode changes in the order of Full HD, HD, WVGA, and Still Image.



Resetting the camera

If the camera does not respond to any operation, it may be freezing. Press and hold both the **MODE** and **REC** buttons (8 seconds or longer) to reset the main unit.

User's manual

Preparation for taking pictures

- Open the cover on the back of the camera and insert a microSD card (optional).
- MicroSD/SDHC card of speed class 6 or higher (up to 32 GB in capacity)
- Note: Observe the correct orientation when inserting the SD card.
- If you try to operate the camera without an SD card mounted, a series of warning beeps sound to indicate that an SD card is missing. The camera cannot be used without an SD card mounted.

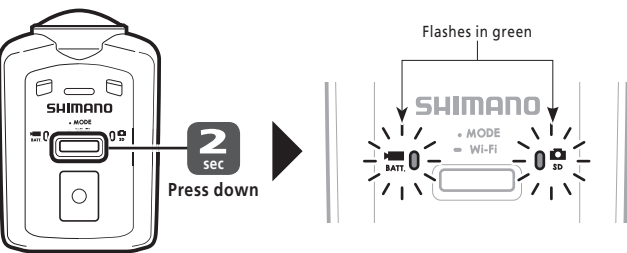
Connecting to a smartphone

■ Downloading a custom app



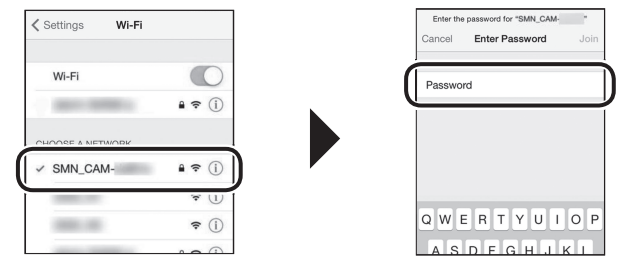
- Download the smartphone application from App Store for iPhones or Play Store for Android phones. Type "shimano" to search for the smartphone application.

■ Connecting your smartphone to the camera through Wi-Fi using the smartphone application



- Turn on the camera and hold down the **MODE** button until you hear a beep, then the LED turns green to indicate that the camera is transmitting Wi-Fi signals.

■ Smartphone settings



- Turn on Wi-Fi in your smartphone and select the network "SMN_CAM-xxxx".
- Enter "SHIMANO_Cam" for the Wi-Fi password to establish the connection. After the connection is established, start the smartphone application.

Carefully type the password as it contains upper and lowercase letters and an underscore.

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Please note: specifications are subject to change for improvement without notice. (English)
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