



INSTRUCTION MANUAL



FULL HD
VIDEO



120°
WIDE ANGLE



WATERPROOF
CASE TO
30M



LAST UP
TO
75 MINS

HD Action Camera

1080p Camera & Waterproof Case



WARNING:
CHOKING HAZARD – Small parts.
Not for children under 3 years.

About this Instruction Manual



Please read the safety instructions and the operating instructions carefully before use. Keep these instructions for renewed use at a later date. When the device is sold or given to someone else, the instruction manual must be provided to the new owner/user of the product.

Read these safety instructions before using your device and store them for possible future reference.

- Never settle the camera under direct sunlight, nor to direct the lens toward the sun. Otherwise, the image sensor may be damaged.
- It is required to take care of the camera and prevent water or sand from dropping into it when using the camera at a sandy beach or near water. The water, sand drop, dust or salty component may damage the camera.
- Please put the camera far from the dust and chemical subject, and it is required to put it in a cool, dry and well ventilated location. Never deposit it in a location of high temperature, humidity or dust to prevent failure.
- It is required to operate camera regularly during long time storage. Please check whether the camera operates normally or not before using the camera again.
- If dirt or stain is accumulated on the camera or lens, it is required to use a piece of soft, clean and dry cloth to wipe it out lightly. If the camera or lens is stained with sand grain, it is available to blow it away lightly. Never use cloth to wipe. Otherwise, it may scrape the camera or lens surface.
- If it is required to clean the lens surface, blow away firstly the sand dust accumulated on the surface, and then use dish cloth or paper towel suitable for the optical equipment to wipe the lens lightly. If there is such requirement, please use the lens cleaning compound. Never use organic solvent to clean the camera.
- Never touch the lens surface with finger.
- If it is the first time to use a memory card in the digital camera, please carry on information backup for the card first. Then format the memory card once at the digital camera.

Battery, Charger, and Other Accessories

- If the charging cord is damaged, have it repaired by the manufacturer, its service or a similarly qualified person in order to avoid any hazard.
- The power supply must be replaced by a new one in case of malfunction, because this power supply is not repairable.
- The charging cord is not intended for use by persons (including children) with reduced physical, sensory or mental capacity. Persons who have not read the manual, unless they have received explanations by a person responsible for their safety and supervision should not use this unit.
- Children should be monitored to ensure that they do not play with the charger.
- The charging cord should always be readily accessible.
- The device should not be exposed to dripping or splashing water.
- No objects filled with liquids such as vases shall be placed on the device.
- Always leave a minimum distance of 10 cm around the unit to ensure sufficient ventilation.
- Open flame sources, such as candles, should not be placed on top of the device.
- The device is intended for use only in a temperate climate.
- **CAUTION:** Danger of explosion if battery is incorrectly replaced or not replaced by the same type or equivalent.
- The battery should not be exposed to excessive heat such as sunshine, fire or similar.
- Different types of batteries, new and used batteries should not be mixed.
- The battery must be installed according to the polarity.
- If the battery is worn, it must be removed from the product.
- The battery must be disposed of safely. Always use the collection bins provided (check with your dealer) to protect the environment.

Intended Use

This product is intended only for private use. It was developed as an electronic medium for the use of multimedia services.



General Warnings

- **Risk of choking** — Keep packaging material, like plastic bags and rubber bands, out of the reach of children, as these materials pose a choking hazard. This product contains small parts that could be swallowed by children.
- Leaking battery acid can lead to chemical burns. Avoid contact of battery acid with skin, eyes and mucous membranes. In the event of contact, rinse the affected region immediately with a plenty of water and seek medical attention.
- **Risk of electric shock** — Never bend, pinch or pull the power and connecting cables, extensions and adapters. Protect the cables from sharp edges and heat. Before operating, check the device, cables and connections for damage. Never use a damaged unit or a unit with damaged power cables. Damaged parts must be exchanged immediately by an authorised service centre.
- **Risk of property damage!** — Do not disassemble the device. In the event of a defect, please contact your dealer. The dealer will contact the Service Center and can send the device in to be repaired, if necessary.
- Do not expose the device to high temperatures. Use only the supplied power adapter. Do not short-circuit the device or throw them into a fire. Excessive heat or improper handling could trigger a short-circuit, a fire or an explosion.
- Do not interrupt an on-going data connection to a computer before all data has been transferred. This could lead to data loss for which the manufacturer is not liable.

Warnings


1. It is a high-precision product, do not fall or crash.
2. Do not expose the unit to strong magnetic objects, such as magnet and electrical motor. Avoid strong radio waves. Strong magnetic fields may cause the products breakdown or images and sounds damage.


3. Never leave the products exposed to high temperatures and direct sunlight.
4. Please choose branded Micro SD card. Neutral cards are not guaranteed to work normally.
5. Do not place Micro SD card near strong magnetic objects to avoid data loss.
6. In case of overheating, smoke, or unpleasant smell in the process of charging, unplug your device immediately to prevent fire hazard.
7. While it is charging, keep the product out of children reach. Power line may cause children accidental suffocation or electric shock.
8. Keep the device in cool, dry and dust-proof places.

Notes on Cleaning

Turn off the camera. Clean the eyepieces and/or lenses only with a soft, lint-free cloth, (e.g. microfibre cloth). To avoid scratching the lenses, use only gentle pressure with the cleaning cloth. Only use a dry cloth to clean the exterior of the device. To avoid damaging the electronics, do not use any cleaning fluid. Clean the protective case after each use with clear, clean water and dry it thoroughly.

Disposal

 Dispose of the packaging materials properly, according to their type, such as paper or cardboard. Contact your local waste-disposal service or environmental authority for information on the proper disposal.

 The integrated battery must only be removed for disposal. Opening the device housing can damage the unit. Drain the battery completely before disposal. Remove all the screws in the housing and open the device housing. Remove the connections to the battery and remove it. Cover the open contacts with tape and package the battery in such a way that it cannot shift in the packaging.

PREFACE



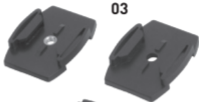
This product is a high-definition digital motion video recording device tailored to market demand. It has a variety of industry-leading features including video recording, photo shooting, audio recording, video display and detachable battery, which makes it perfect for capturing action related to extreme sports, biking, climbing and more.

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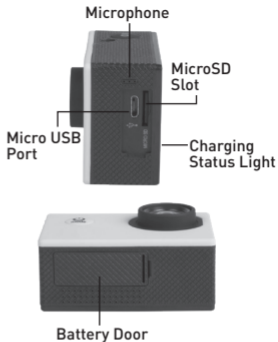
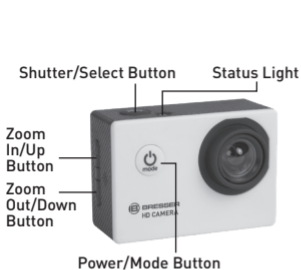
- 01** HD Camera
- 02** Waterproof Case
- 03** Flat Adhesive Mounts
- 04** Handle Bar/Pole Mount
- 05** Frame Housing Mount
- 06** Straps
- 07** Long Thumb Screw
- 08** Quick Release Buckle
- 09** Pivot Mounts
- 10** Short Thumb Screw
- 11** USB Cable

INSTRUCTIONS

Product Features

1. Water-resistant casing allows you to film water sports up to 30 meters under water and use the camera in changing weather conditions.
2. High definition screen displays and replays videos recorded.
3. Detachable battery is easy to replace and prolongs your camera's service life.
4. Supports storage cards up to 32GB maximum.
5. Supports Web camera.
6. Multiple video recording formats: 1080P/720P/480P.
7. 12 M (HD) wide-angle lens.





Operating

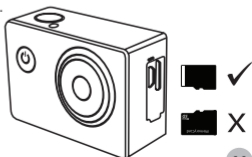
1. Inserting Micro SD card

Note: For best performance, please choose a branded Micro SD card and format it on your computer before use. Generic cards are not guaranteed to work flawlessly.

Insert a microSD card with the label facing the screen.

Use brand name memory cards that meet these requirements:

- a) microSD, microSDHC
- b) Class 10 speed rating
- c) capacity up to 32GB



INSTRUCTIONS

2. Installing or removing the battery

- Press on the battery cover to open it.
- Correctly install the battery into the camera according to the polarity guides.
- To remove the battery, simply open the battery cover and take it out.

3. Charging

- Connect the camera to a computer or the power adapter via the USB cable for charging.
- When charging, a blue indicator light will appear. When the blue light goes off, the device is fully charged.
- When charging, the blue indicator light long bright, fully charged, the blue light goes out.

4. Turning camera on and off





Press and hold the power switch for three to five seconds to turn the camera on or off.

5. Mode Switching

- Press the **[Power On-Off / mode]** button  repeatedly to cycle through the camera modes.


Camera mode

Description

	Video recording mode	Video recording/Motion detection
	Photo shooting mode	Time setting/Photo taken
	Play back mode	Cyclic Record/Fast view
	Settings	Adjust all camera settings

6. How to record videos and configure recording setting

6.1. Video Recording

Turn the camera on. You will start with the video recording mode. There will be an  icon in the upper left corner. Insert a SD card and start recording by pressing "OK". Press "OK" again if you want to stop the recording.

6.2. Photo shooting

Switch to photo shooting mode by pressing []. There will be an  icon in the upper left corner. Press "OK" to take photos.

6.3. Setting

Switch to setting mode by pressing []. There will be an  icon in the upper left corner. Press "OK", "UP", or "DOWN" button to set.

6.4. File Storage & Play back

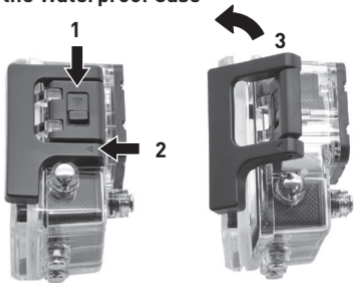
After you have finished recording use a USB cable to export the videos onto a computer for play back. You can also take the Micro SD card out and access the image data with a card reader.

MOUNTING THE CAMERA

How to Open and Close the Waterproof Case

How to Open:

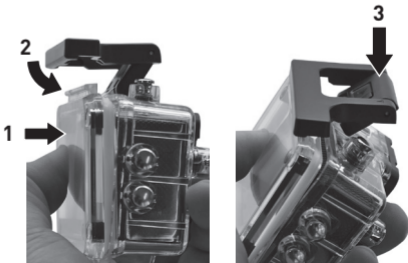
Press and hold down the ▼ switch (1) and then use the ◀ arrow (2) to open the clamp (3).



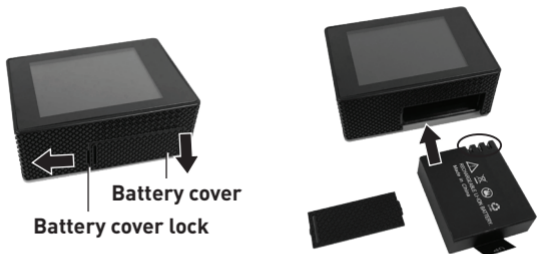
How to Close:

Press the case door all the way down (1) and then snap the clamp to the hinge (2).

Now, simply press the clamp down (3) to close.

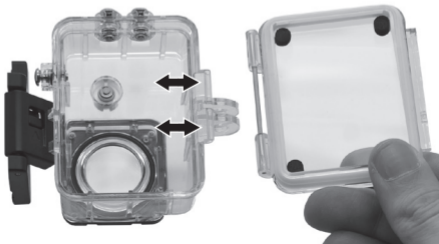


How To Replace The Battery



How to Swap the Backdoor:

Align the backdoor with the hinge and press down until it clicks into place.



INSTRUCTIONS

Base Mount Example

01



02



Helmet Mount Example

01



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02



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MOUNTING THE CAMERA

Pole/Bicycle Mount Example

01



02



Technical Data

TFT Display	2.0 inch display
Lens	120° wide angle
Waterproof case	Resistant up to 30 m. IP68
Language options	English, French, Dutch, Russian, Spanish, Italian, Portuguese, German, Korean, Turkish, Polish, Chinese
Resolution of photos	12 M 10 M 8 M 5 M 3 M 2 M 1 M
Resolution of videos	1080P, 720P, 480P
Video format	AVI
Image format	JPG

INSTRUCTIONS

Storage	Micro SD card up to 32 GB
Shooting mode	Photo timer
Frequency of optical source	50Hz/60Hz
USB interface	USB 2.0
Rated voltage	DC 5V 1A
Battery capacity	Removable Li-ion 900 mAh
Recording time	About 75 minutes (at 1080p)
Charging time	About 3 hours
Dimensions	2.33 x 1.62 x 0.97 in. (59.3x41.1x24.6 mm)
Weight	60 grams
External Adapter	Not included in this product
WIFI/Bluetooth Function	Non-applicable

Note: Specifications could be subject to change due to upgrading or updating. Please regard the actual product as the standard.



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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.



This Class [*] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [*] est conforme à la norme NMB-003 du Canada.

88-83002

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CONFORMS TO THE SAFETY REQUIREMENTS OF ASTM F963