



NATIONAL
GEOGRAPHIC™

BRESSER®

MOTION Action Camera

Full HD 1080p



EN Instruction Manual

Art.No. 9683000LC6000

DE Besuchen Sie unsere Website über den folgenden QR Code oder Weblink um weitere Informationen zu diesem Produkt oder die verfügbaren Übersetzungen dieser Anleitung zu finden.

EN Visit our website via the following QR Code or web link to find further information on this product or the available translations of these instructions.

FR Si vous souhaitez obtenir plus d'informations concernant ce produit ou rechercher ce mode d'emploi en d'autres langues, rendez-vous sur notre site Internet en utilisant le code QR ou le lien correspondant.

NL Bezoek onze internetpagina via de volgende QR-code of weblink, voor meer informatie over dit product of de beschikbare vertalingen van deze gebruiksaanwijzing.

IT Desidera ricevere informazioni esaustive su questo prodotto in una lingua specifica? Venga a visitare il nostro sito Web al seguente link (codice QR Code) per conoscere le versioni disponibili.

ES Visite nuestra página de Internet utilizando el siguiente código QR o el enlace web, para buscar más información sobre este producto o versiones disponibles del presente manual de instrucciones en diferentes idiomas.

PT Aceda à nossa página na Internet através do seguinte código QR ou hiperligação, para procurar outras informações sobre este produto ou os idiomas disponíveis deste manual de instruções.

DK Ønsker du en udførlig vejledning til dette produkt på et bestemt sprog? Så besøg vores website ved hjælp af følgende link (QR-kode) for tilgængelige versioner.

PL Odwiedź naszą stronę internetową, korzystając z kodu QR lub za pośrednictwem linka sieciowego, aby poszukać więcej informacji na temat tego produktu lub dostępnych wersji językowych niniejszej instrukcji obsługi.

RU Посетите нашу страницу в сети Интернет, используя QR-код или Web-ссылку, для получения дополнительной информации по данному устройству или для поиска доступных языковых версий данного руководства по эксплуатации.

TR Bu ürünle ilgili daha fazla bilgi ile bu klavuzun geçerli çevirileri için aşağıdaki Barkod Kodundan ya da web bağlantısından internet sitemizi ziyaret edin.



FULL MANUAL & VIDEO DOWNLOAD:



www.bresser.de/download/9683000LC6000



SERVICE AND WARRANTY:



www.bresser.de/warranty_terms

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.

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 Centre 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.

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.

EC Declaration of Conformity



Bresser GmbH has issued a Declaration of Conformity' in accordance with applicable guidelines and corresponding standards. This can be viewed any time upon request.

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.



Do not dispose of electronic devices in the household garbage!
As per the Directive 2002/96/EC of the European Parliament on waste electrical and electronic equipment and its adaptation into German law, used electronic devices must be collected separately and recycled in an environmentally friendly manner. Empty, old batteries must be disposed of at battery collection points by the consumer. You can find out more information about the disposal of devices or batteries produced after 6 January 2006 from your local waste-disposal service or environmental authority.



The integrated battery must only be removed for disposal. Opening the device housing can damage the unit.

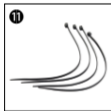
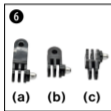
Drain the battery completely before disposal. Remove all the screws in the housing and open the device housing. Remove the connections to the battery and remove it. Cover the open contacts with tape and package the battery in such a way that it cannot shift in the packaging.

Warranty & Service

The regular guarantee period is 2 years and begins on the day of purchase. To benefit from an extended voluntary guarantee period as stated on the gift box, registration on our website is required. You can consult the full guarantee terms as well as information on extending the guarantee period and details of our services at www.bresser.de/warranty_terms.

Scope of delivery

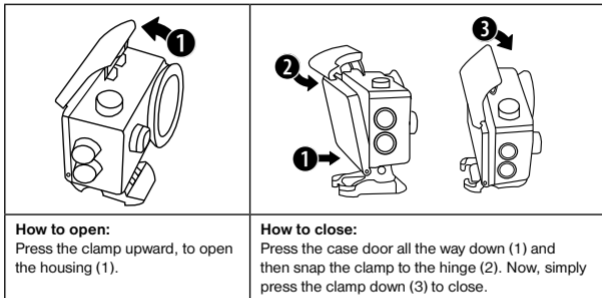
EN



- 1 Camera
- 2 Waterproof case
- 3 Bicycle mount
- 4 Thumb knobs
- 5 Retaining clips for Base mounts
- 6 Multifunction mounts 2x 90° (a+b) and 1x straight (c)
- 7 Camera housing and belt clip
- 8 1/4" Tripod adapter (male/female)
- 9 Base for flat and curved surface
- 10 Case door
- 11 Cable ties
- 12 USB cable and AC adapter
- 13 Straps, Wire rope and cleaning cloth

First Steps

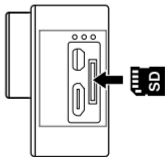
How to open and close the waterproof case:



Inserting microSD card*

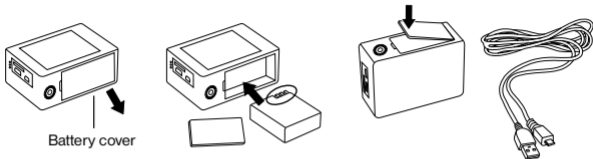
- SDHC Class 10 or higher required
- Capacity up to 32 GB

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



Installing or removing the battery

- Remove the battery compartment cover.
- Correctly install the battery into the camera.
- Replace the battery compartment cover.

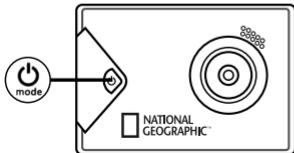


Charging

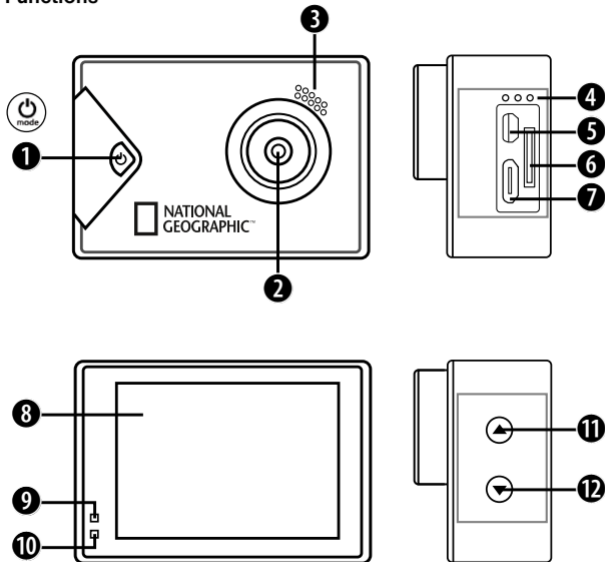
- Charging can be done with the power adapter or by connecting the action camera to a computer via the usb cable.
- The action camera can record video while charging
- Charging of the action camera can be done even when it's powered off.

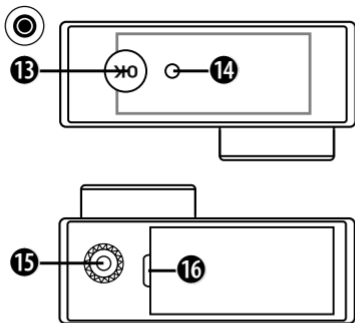
Turning camera on and off

Press and hold the power switch [] for 3 to 5 seconds to turn the camera on or off.



Functions





1. Power button (on/off)
& Menu & Mode button



2. Lens

3. Loudspeaker

4. Microphone

5. Micro HDMI port

6. microSD port

7. Micro USB port

8. Display

9. Charge indicator

10. Working indicator light

11. UP button

12. DOWN button

13. OK button (OK) (Record button)



14. Indicator light

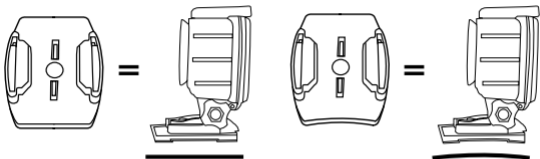
15. Tripod thread

16. Battery cover

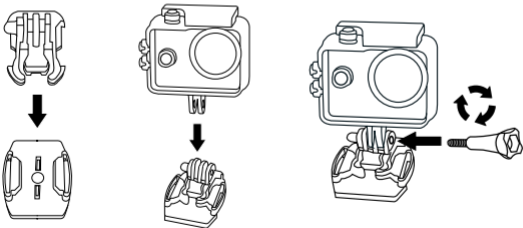
How to use the Base mount

Flat surface or curved surface mount:

Choose the flat or curved base depending on the surface.








Base mount (e.g. for helmet mount):



Operating

Mode Switching

Press the **[Power ON/OFF / Mode]** button  repeatedly to cycle through the camera modes.

Camera mode		Description
	Video recording mode	Record video
	Photo shooting mode	Take a single photo
	Playback-Modus	Play recording
	Setup	Adjust all camera settings

How to record videos and configure recording setting

Video Recording





Turn the camera on by pressing the power button  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.

Photo shooting

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


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 microSD card out and access the image data with a card reader.


Loop recording

With the Loop recording, you can set how long the camera records video. For example, if you have set 1 minute, the camera will automatically record a new video every minute. When the memory card is full, the camera automatically overwrites the first recorded video.




Playback Mode

Press the Up and Down buttons in Playback mode to switch between recordings. Press „OK“ [] to play videos. By hitting the UP / DOWN buttons twice, you can forward and rewind the videos.

Deleting videos or photos

Press the [] button repeatedly until you reach the settings menu. You can now delete the last video / photo or all videos / photos under the menu item „Delete“.

Settings

To access the settings, press [] several times until the symbol for the Settings [] appears. Use the „UP“ and „DOWN“ buttons to select between the menu items. Press „OK“ [] to make a setting.

Video Resolution	Change video resolution 1080p (30fps) / 720p (30fps)
Exposure	+2 / +1.66 / +1.33 / +1 / +0.66/ +0.33 / 0 / -0.33 / -0.66/ -1 / -1.33 / -1.66 / -2

Motion sensor	Off / On
Looping Video	Off / 1 min / 2min / 3min / 5min/ 10min
Time lapse	Off / 1s / 2s / 5s / 10s / 30s / 60s
WDR	Off / On
Sound recording	Off / On
Time stamp	Off / On
Picture resolution	VGA / 3M / 8M / 12M
Photo quality	Fine / Standard / Economy
Capture mode	Set recording interval Single / 3s / 5s / 10s / 20s
Continuous shooting (burst)	Off / 3x / 5x / 10x
Sharpness	Strong / Standard / Soft
ISO	Auto / 100 / 200
Anti-shaking	Off / On
White balance	Auto / Sunny / Cloudy / Artificial light / Neon light
Power frequency	50 Hz / 60Hz
OSD Mode	Off / On
Turn off screen	Off / 3min / 5min / 10min
Rotate screen (180°)	Off / On
Power saving mode (automatic shutdown)	Off / 1min / 3min

Language	Choose OSD language
Tastenton Menu button sound	Off / On
Date/Time	Set the current date and time
TV Switch	TV Mode on/off
TV Format	NTSC / PAL
Car Mode	Off / On
Delete	Delete last picture or all pictures
Format	All data on the sd card will be deleted
Reset (default settings)	Reset system to default settings
Version	View current firmware version

Technical Data

TFT Display	2 inch (5.08 cm) display
Lens	140° wide angle
Waterproof Case	Waterproof up to 30 m
Language options	Deutsch, English, Español, Français, Italiano, Português, Polski
Resolution of photos	12 MP (4048x3040), 8 MP (3264x2448), 3 MP (2048x1536), VGA (640x480)

Resolution of videos	1080p (30fps) , 720p (30fps)
Video format	AVI
Video compression (codec)	mjpeg
Storage	microSD Memory card (up to 32 GB) (not included) (SDHC Class 10 or higher required)
Shooting mode	Video / Photo
Frequency of optical source	50Hz/60Hz
Ports	Micro-USB, Micro-HDMI, microSD card slot
Dimensions	59x41x28 mm
Weight	55g

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



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