Brookstone

DV MicroCam

THUMB-SIZED—GOES ANYWHERE, CAPTURES ANY MOMENT
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BATTERY PRECAUTION
Dispose of this unit as you would a battery.

SAFETY APPROVAL INFORMATION
This product meets the requirements of FCC and CE, and is granted the FCC and CE certification.

It is authorized to bear the FCC and CE mark.

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product complies with standards including Low Voltage Device Directive 73/23/EEC; EMC Directive 89/336/EEC and R&TTE Directive 1999/5/EC. It passed the subject tests by the authority concerned and is authorized to bear CE mark.

SAVE THESE INSTRUCTIONS
LOCATION OF PARTS AND CONTROLS

1. Power On/Off Switch
2. Record Button
3. Snapshot Button
4. Lens
5. VOX On/Off Switch
6. microSD Card Slot
7. Green Indicator Light
8. Lanyard Ring
9. Red Indicator Light
10. Mini USB Port
ACCESSORIES

Multi-Bracket  
Clip Bracket  
USB Cable  
Pouch  
USB Adapter

Also includes:
Micro SD Card (not shown)
Software CD (not shown)
OPERATION

CHARGING THE BATTERY
1. Plug the USB cable (included) into the USB port on the video camera, and then into a USB 2.0 port on your computer.
2. The red indicator light will blink while the internal rechargeable battery is charging. Charging time is approximately 2 hours.
3. The red indicator light will remain lit and not blink when the battery is fully charged.

CHECKING THE BATTERY
Slide the POWER switch to ON and press the RECORDING button for 4 seconds. The red indicator light will blink between 1 and 4 times. 1 time means the battery is at near-full capacity and 4 times means the battery is nearly extinguished. If the red indicator light blinks rapidly and the entire unit shuts off, the battery is drained and you need to recharge.

MOUNTING THE VIDEO CAMERA
1. The video camera can be used by holding it in your hand, or mounting it to a secure point for filming.
2. Use the CLIP BRACKET to hold the video camera and clip it securely to anything. The CLIP BRACKET allows the camera to twist in a 180° circle and capture virtually any angle.
3. Use the MULTI BRACKET in conjunction with the CLIP BRACKET to capture video at any angle. Secure MULTI BRACKET with magnet or mount with screws.
INSERTING THE microSD CARD

1. Insert the included microSD card into the video camera as depicted under the card slot. Press the card all the way in until you hear a click and the card is held securely.

2. To remove the microSD card, press it in until you hear a click and the card ejects enough for you to grasp and pull it from the video camera.

RECORDING A VIDEO MANUALLY

1. Make sure the VOX switch is in the OFF position.

2. Slide the POWER switch to ON and press the RECORD button. The red indicator light will blink once and the green indicator light will blink slowly, indicating the video camera is recording.

3. To stop filming, press the RECORD button again. The green indicator light will stop blinking and the red indicator light will stay on continuously. Your video will be saved as an AVI format file for you to download to your PC.

Note: You must press the RECORD button to stop recording. If you slide the POWER switch to OFF while recording, the file will not be saved. If at any time the video camera does not react when the POWER switch is pressed, the device needs to be recharged.

4. Slide the POWER switch to the OFF position to shut off the video camera.
RECORDING A VOICE ACTIVATED VIDEO (VOX)

1. Slide the VOX switch to ON and slide the POWER switch to ON.
2. Press the RECORD button. The video camera will go into STANDBY mode.
3. The video camera will start to record continuously when a voice or sound 65 decibels or higher trips its automatic recording device.
4. The camera will stop recording and go into STANDBY mode when the sound of 65 decibels or higher has stopped for longer than 2 minutes.
5. The video camera will automatically record and go back into STANDBY mode for as long as the POWER and VOX switches are ON.

Note: When the video camera is in STANDBY mode, the power switch can be slid to OFF and all of your recordings will be saved in an AVI file format. IF the video camera is still recording, you must press the RECORD button to stop recording video, and then slide the POWER switch to off. If you do not press the RECORD button to stop the recording, the entire file will not be saved. If at any time the video camera does not react when the POWER switch is pressed, the device needs to be recharged.

6. To shut off the VOX, slide the VOX switch to the OFF position. To shut the video camera off completely, slide the POWER switch to OFF.
TAKING A SNAPSHOT

1. Slide the POWER switch to ON. The red indicator light will illuminate.
2. Press the SNAPSHOT button once to take a still photo. The red indicator light will go off and the green indicator light will blink once. The snapshot will be saved to the microSD card for you to download to your PC. The red indicator light will then re-illuminate to let you know the video camera's power is still on.
3. Slide the POWER switch to the OFF position to shut off the video camera.

RTC TIME SETTING AND UPDATE

1. You may select RTC (Real Time) to be printed on video and pictures.
2. To update the RTC setting, select "Set time.exe" after installing the software on your PC.
3. After installation, an icon will appear on your desktop.
4. By connecting the video camera to your PC via the included USB, it allows it to function as a mobile disk.
5. Double click on the "set time" icon. Click "browse" in the pop-up box and choose MD91 mobile disk and confirm.
6. Click the "update" button, and another message box will appear. Confirm to finish the time setting in accordance with your PC.
7. After you remove the USB cable, you must then resume using the video camera to have your time settings take effect and update.
CHECKING THE MEMORY
Slide the POWER switch to ON and press the SNAPSHOT button for 4 seconds. The green indicator light will blink between 1 and 4 times. 1 time means the memory is at near-empty capacity and 4 times means the memory is at near-full capacity.

SAVING AND PLAYING A FILE
1. Connect the video camera to your PC via the included USB cable and slide the POWER switch to ON and VOX switch to OFF.
2. Copy your video file from the video camera to PC. You can also use a card reader to retrieve the files. You can play video either by MDPlayer on the included software CD or use other media players such as Media Player or KMPlayer.

USING AS A PC CAMERA (WINDOWS® ONLY)
1. Install the video camera driver before using the video camera as a PC camera.
2. After connecting the video camera to the PC using the included USB cable, slide the VOX switch first, and then the POWER switch, to the ON position.
3. A video device will appear on the PC screen, indicating the video camera is now being used as a PC camera.
Note:

- You can only copy the data from the video camera when the POWER switch is ON and the VOX switch is OFF.
- The video camera can be used as a PC camera when the POWER switch is ON and the VOX switch is also on.

IMPORTANT: Slide the POWER switch to OFF before plugging in and unplugging the USB cable.

CARE AND MAINTENANCE

- Wipe the video camera clean with a soft, dry cloth. DO NOT use water, any harsh abrasives or any liquid of any kind to clean the video camera.
- Store the video camera in the included pouch for its protection.
- Keep the box and instructions for storage and additional information purposes.
SPECIFICATIONS

Pixel ........................................ 2000000 color CMOS
View Angle .................................... 80°
Minimum Illumination ..................... 1Lux (min)
Battery Capacity ............................ 350mA
Usage Duration .............................. 2 hours (approx.)
Standby Time (sound trigger) ............ 250 hours (approx.)
Consumption Current ...................... 120mA/3.7V (max)
Store Temperature ......................... -10° ~ 60°C
Operation Temperature .................... -10°C ~ 50°C
Operation Humidity ....................... 15-85% RH
Memory Medium ............................ microSD card (TF Card)
SD Capability .............................. Max 16GB microSD® Card
Video Function ............................. Video decode use motion JPEG
Format ...................................... Recording for AVi format. VGA (640 x 480@30frame/second)
USB Jack ..................................... USB 2.0/1.1
SPECIFICATIONS  (continued)

Operating System ................................. Windows® 2000/XP/Vista®/7
Note: Can be used as a card reader for Mac®.

Store Consumption ............................... 1GB per 40 minutes

Charge Time ...................................... 2 hours (approx.)

Weight ............................................. 1.75 oz. (approx.)

Dimensions ...................................... 2" x 1" x .75" (approx.)
<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>The unit will not record.</td>
<td>Card is full.</td>
<td>Delete files off card to create space.</td>
</tr>
<tr>
<td></td>
<td>Card not formatted correctly.</td>
<td>Format card.</td>
</tr>
<tr>
<td>Will not work right out of box.</td>
<td>Low battery.</td>
<td>Charge the unit before first use.</td>
</tr>
<tr>
<td>Sound is good, but video progression is not good during playback.</td>
<td>Did not copy to computer to play.</td>
<td>Use the MDPlayer in the software, or copy the video to your computer before playing.</td>
</tr>
<tr>
<td>VOX does not work.</td>
<td>Sound is too low, or the distance is too far.</td>
<td>Try getting closer to the subject you are trying to record.</td>
</tr>
<tr>
<td>My memory card does not record consistent video lengths.</td>
<td>Certain environments may be busy and very colorful, so it would use more storage.</td>
<td>Use a larger storage capacity memory card if you are mainly recording complex scenery.</td>
</tr>
<tr>
<td>PROBLEM</td>
<td>CAUSE</td>
<td>SOLUTION</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>---------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>The PC camera does not function.</td>
<td>Make sure the webcam driver is installed.</td>
<td>Install webcam driver.</td>
</tr>
<tr>
<td>Green indicator light is on, but the unit is not recording.</td>
<td>The card may be malfunctioning, or it has not been formatted correctly.</td>
<td>Format the card.</td>
</tr>
<tr>
<td>There is no sound with my video.</td>
<td>Volume on your computer may be low or off.</td>
<td>Turn on and/or up the volume of your computer.</td>
</tr>
<tr>
<td>Files are not being saved.</td>
<td>Power is being shut off before the RECORD button is pressed.</td>
<td>Make sure to press the RECORD button before powering the unit off.</td>
</tr>
</tbody>
</table>

The webcam does not function with Mac®.
<table>
<thead>
<tr>
<th>PROBLEM</th>
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<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>The time displayed isn't correct.</td>
<td>Time was not set, or not set correctly.</td>
<td>Reset the time with the SetTime.exe software.</td>
</tr>
<tr>
<td>Time can't be set.</td>
<td>The card is not formatted.</td>
<td>Format the card.</td>
</tr>
<tr>
<td>Unnatural sound is heard on video sound track.</td>
<td>The battery is low.</td>
<td>Recharge the battery.</td>
</tr>
</tbody>
</table>
ONE (1) YEAR LIMITED WARRANTY

Brookstone® warrants this product against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ("Warranty Period"). If a defect arises and a valid claim is received within the Warranty Period, at its option, Brookstone will either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the product with a new product that is at least functionally equivalent to the original product, or 3) provide a store credit in the amount of the purchase price of the original product. A replacement product or part, including a user-installable part installed in accordance with instructions provided by Brookstone, assumes the remaining warranty of the original product. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Brookstone’s property. When a store credit is given, the original product must be returned to Brookstone and becomes Brookstone’s property.

Obtaining Service: To obtain warranty service, call Brookstone Limited Warranty Service at 1-800-292-9819. Please be prepared to describe the product that needs service and the nature of the problem. A purchase receipt is required. All repairs and replacements must be authorized in advance. Service options, parts availability and response times will vary. You are responsible for delivery and the cost of delivery of the product or any parts to the authorized service center for replacement, per our instructions.

Limits and Exclusions: Coverage under this Limited Warranty is limited to the United States of America, including the District of Columbia and the U.S. Territories of Guam, Puerto Rico, and the U.S. Virgin Islands. This Limited Warranty applies only to products manufactured for Brookstone that can be identified by the “Brookstone” trademark, trade name, or logo affixed to them or their packaging. The Limited Warranty does not apply to any non-Brookstone products. Manufacturers or suppliers other than Brookstone may provide their own warranties to the purchaser.
but Brookstone, in so far as permitted by law, provides these products "as is." This warranty does not apply to: a) damage caused by failure to follow instructions relating to product’s use or the installation of components; b) damage caused by accident, abuse, misuse, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not a representative of Brookstone; d) accessories used in conjunction with a covered product; e) a product or part that has been modified to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the product including, without limitation, batteries or light bulbs; g) any product sold "as is" including, without limitation, floor demonstration models and refurbished items; or h) a product that is used commercially or for a commercial purpose.

BROOKSTONE SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, TO THE EXTENT PERMITTED BY APPLICABLE LAW, BROOKSTONE DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF BROOKSTONE CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY.

Some states disallow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.
Since 1965, people have come to Brookstone to see what's new, discover smart solutions to everyday problems—and have some fun. At Brookstone, we believe there's always a better way to do things. And we created a world of innovation to prove it.