


**SHARPER IMAGE**

HD ACTION CAM DIGITAL VIDEO

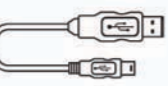


**User Guide**  
SVC400


### In the Box




Camera with Waterproof Case




Mini USB Cable (connects to your computer)




User Manual




Helmet Stand



Bicycle Mount



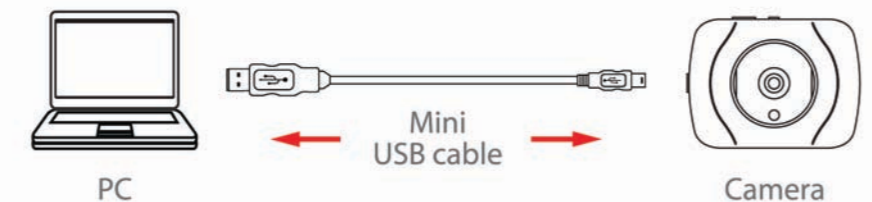
Dashboard Sticker



Wrist and Arm Strap

### Setting Up Your Camera

#### Charging the Battery

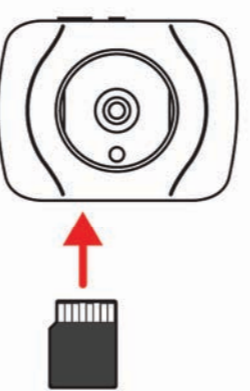


- Connect the small end of the Mini USB cable into the Mini USB port on the bottom of the camera; connect the opposite end into an available USB port on your computer.
- The Charging indicator light will illuminate RED as the battery charges.
- The Charging indicator light will turn OFF when charging is complete.
- The battery indicator is located on the lower left corner of the camera's LCD screen.

#### Micro SD Memory Card Installation


This camera has no internal memory and **requires** a formatted Micro SD memory card (not included) to take and save pictures or record videos. The camera can support Micro SD memory cards up to 32GB. To install the Micro SD memory card into the camera, follow the steps below:

- Turn off the camera.
- Insert the Micro SD memory card into the card slot with the metal contacts facing the front of the camera (as shown below) until it clicks and locks into place.
- To remove the card, gently push it in until it pops out.



**NOTE:** There is no way to fast forward or rewind videos in Playback mode.

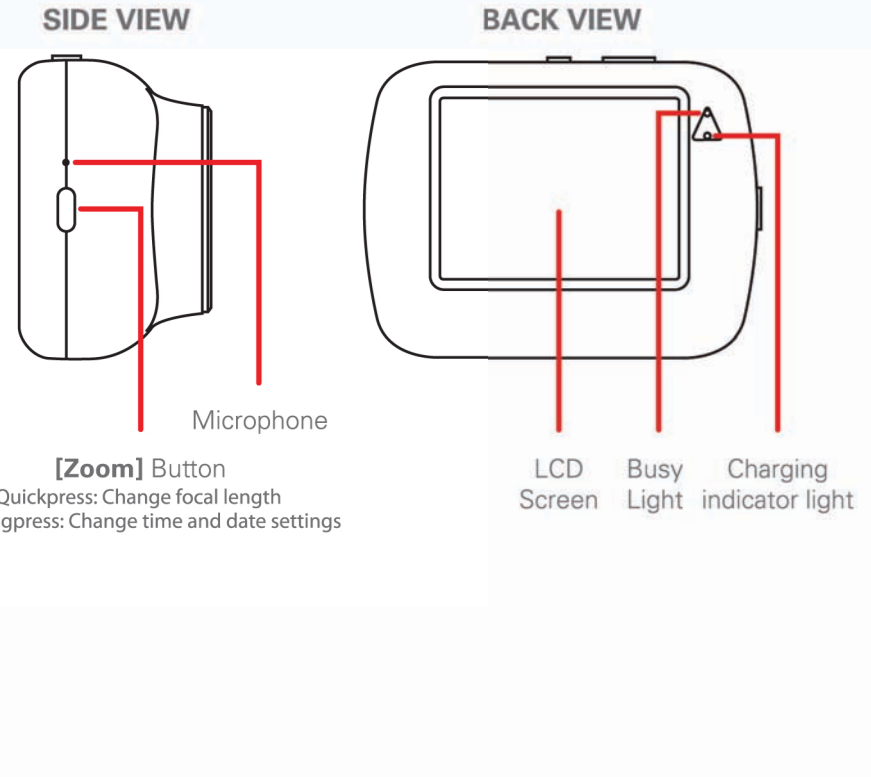
**Playback Mode Controls and Icons:**



- AVI
- 12/12
- 100
- 100

**NOTE:** A card can be inserted only one way; do not use force when inserting the card. Inserting or removing a card while the camera is on may damage both the card and files stored on the card. It is recommended to format any memory card before using it with a new device.

### Location of Controls



**SIDE VIEW:** [Zoom] Button (Quickpress: Change focal length, Longpress: Change time and date settings), Microphone

**BACK VIEW:** LCD Screen, Busy Light, Charging indicator light

**FRONT VIEW:** LED Light, Lens

**TOP VIEW:** [Reset] Button, [Power] Button (Quickpress: Power ON, Longpress: Turn on the LED light), [Mode] Button (Quickpress: Power OFF), [Shutter] Button

**BOTTOM VIEW:** Mini USB Port, Micro SD card slot

### Using Your Camera

#### Turning the Camera On/Off

- To turn the camera ON, quickpress the [Power] button.
- To turn the camera OFF, press and HOLD the [Power] button.

#### Camera Mode Selector

The camera has four different modes depending on what you want to do with the camera. For example:

- To take videos, it is necessary to be in Video mode, which is the default mode when the camera is turned on. The icon will be in the upper left corner of the camera's LCD screen in Video mode. (If you are in a different mode quickpress the [Mode] button until you are in Video mode.)
- To take 5-minute video clips, quickpress the [Mode] button one time if you are in Video mode to get to Loop Recording Video mode. The icon will be in the upper left corner of the camera's LCD screen in Loop Recording Video mode.
- To take pictures, quickpress the [Mode] button two times if you are in Video mode to get to Picture mode. The icon will be in the upper left corner of the camera's LCD screen in Picture mode.
- To playback pictures/videos, quickpress the [Mode] button three times if you are in Video mode to get to Playback mode. The or icon will be in the upper left corner of the camera's LCD screen in Playback mode.

**NOTE:** The camera will shut down by itself if no button is pressed for 5 minutes. When the battery has run out of charge, the battery icon located in the lower left corner will turn RED and blink. The camera will then shut itself OFF.

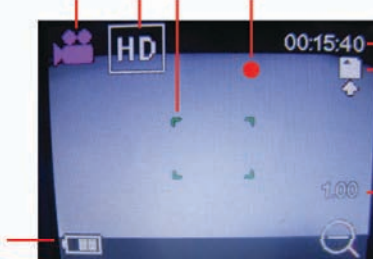
### Camera Modes

#### Video Mode

- Insert a Micro SD memory card into the card slot with the camera powered OFF.
- Press the [Power] button to turn the camera on.
- Make sure the camera is in Video mode , which is the default mode when the camera is turned on. The icon will be in the upper left corner of the camera's LCD screen in Video mode. (If you are in a different mode, quickpress the [Mode] button (or longpress if you are in Playback mode) until you are in Video mode.)
- To begin recording a video clip, press the [Shutter] button. The RED recording icon will flash on the screen while the camera is recording.
- To stop recording, press the [Shutter] button again.
- After two minutes of continuous recording, the LCD screen will turn off to conserve battery power, but the camera will still be recording – press the [Shutter] button to turn the LCD screen back on, then press the [Shutter] button again to stop recording.

**NOTE:** The camera will also stop recording automatically when the Micro SD memory card becomes full or the battery runs down while recording.

#### Video Mode Controls and Icons:



- Recording timer
- The camera is in Video mode
- Video quality – longpress the [Mode] button to change the video quality
- Micro SD memory card inserted
- Gridfinder
- Battery power indicator
- Zoom level, 1= wide angle, 4=telephoto
- Recording icon

#### Loop Recording Video Mode


Loop Recording Video mode allows you to mount the camera in a moving vehicle, on a bike helmet, on a snowboard, etc. When using this mode, you probably won't be in a position to access the camera's control buttons. So, while driving down the road or in the woods, the camera will take 5 minute video clips, save the clip, then immediately record another 5 minute clip. This will continue until you turn off the recording.

- Insert a Micro SD memory card into the card slot with the camera powered OFF.
- Press the [Power] button to turn the camera on.
- Make sure the camera is in Loop Recording Video mode . If you are in another mode, keep pressing the [Mode] button (or longpress if you are in Playback mode) until the camera is in Loop Recording Video mode. The icon will be in the upper left corner of the camera's LCD screen in Loop Recording Video mode.
- To start recording, press the [Shutter] button.
- To stop recording, press the [Shutter] button again.
- After two minutes of continuous recording, the LCD screen will turn off to conserve battery power, but the camera will still be recording – press the [Shutter] button to turn the LCD screen back on, then press the [Shutter] button again to stop recording.

**NOTE:** If Loop Recording Video mode continues without being stopped, the video clips will fill the Micro SD memory card. If the Micro SD memory card is completely full, it will go into a "recording loop" erasing previously recorded files as recording continues. In Loop Recording Video mode, recording won't stop until the battery is exhausted or the [Power] button is pressed.

#### Loop Recording Video Mode (Continued)

#### Loop Recording Video Mode Controls and Icons:



- Recording timer
- The camera is in Loop Recording Video mode
- Video quality – longpress the [Mode] button to change the video quality
- Micro SD memory card is inserted
- Gridfinder
- Battery power indicator
- Zoom level, 1= wide angle, 4= telephoto


**NOTE:** If you wish to view Loop Recording Video files, quickpress the [Zoom] button in Playback mode.

**NOTE:** If you try to change the video quality while recording, it will stop the recording process.

#### Picture Mode


- Insert a Micro SD memory card into the card slot with the camera powered OFF.
- Press the [Power] button to turn the camera on.
- Make sure the camera is in Picture mode . If you are in another mode, keep quickpressing the [Mode] button (or longpress if you are in Playback mode) until the camera is in Picture mode. The icon will be in the upper left corner of the camera's LCD screen in Picture mode.
- Aim the camera at your subject and take the picture by pressing the [Shutter] button.
- Quickpress the [Zoom] button to adjust the zoom level accordingly.
- The Busy Light will light up while the picture is being saved to the Micro SD memory card. You cannot take pictures while the Busy Light is on.

#### Picture Mode Controls and Icons:



- You are viewing file number 12 of 2831 total files
- The camera is in Picture mode
- Picture quality – longpress the [Mode] button to change the quality (choose between 1M/3M/5M)
- Micro SD memory card is inserted
- Gridfinder
- Battery power indicator
- Zoom level, 1= wide angle, 4= telephoto

### Waterproof Case




**Assembling Camera to Waterproof Case:** Your camera comes with a Waterproof Case for underwater action and added durability. To assemble your camera to the case and use the camera, follow the instructions below:

- Open the latch on the Waterproof Case.
- Insert the camera lens forward into the case.
- Close the door and secure the latch.
- There are two buttons on the case that are required for recording video and images: the [Shutter] button and the [Power] button.
- Remember to set the mode in your desired recording position before inserting the camera in the Waterproof Case. There is no external button for changing the mode.

**NOTE:** This camera with the case properly sealed is rated to 30 meters (98 feet) under water.

### Bike Mount Assembly



- Locking Screw
- Locking Wheel
- Bar Clamp Bolt
- Bar Clamp
- Tilt Knob

**Assembling Camera to Bike Mount:** To assemble the camera to the bike mount and then use the camera, follow the instructions below:

- The camera does not have a standard tripod mount. The camera must be enclosed in the Waterproof Case.
- Turn the Waterproof Case clockwise onto the Locking Screw of the Bike Mount until secure.
- Turn the Locking Wheel so it applies pressure to the case to keep the connection secure.
- Loosen the Bar Clamp Bolt until the screw can be pushed 90° upward.
- The bottom half of the Bar Clamp can be opened to allow you to wrap the Bar Clamp around the actual handlebar of your bicycle.
- After positioning the Handlebar Clamp where you want it, close up the bottom half of the clamp and tighten the Bar Clamp Bolt.
- Loosen the Tilt Knob, to adjust for the proper aiming angle; then tighten the knob.
- Panning adjustments can be made by loosening the Locking Wheel. Adjust the pan angle, then tighten the wheel.

### Legal Information

**FCC Part 15:** This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Do not attempt to repair or modify this equipment. Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. \*This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- this device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.


### Playback Mode

While browsing in Playback mode, you can review still photo images, videos and loop recording videos.

- Insert a Micro SD memory card into the card slot.
- Press the [Power] button to turn the camera on.
- Make sure the camera is in Playback mode. If you are in another mode, keep pressing the [Mode] button until the camera is in Playback mode. The or will be in the upper left corner of the camera's LCD screen.
- To scroll through the saved picture and video files, quickpress the [Mode] button to select the next file and the [Power] button to select the previous file.
- To review a video clip, press the [Shutter] button.
- To view Loop Recording Video files, quickpress the [Zoom] button in Playback mode. To get back to viewing picture and video files, quickpress the [Zoom] button again. \*Make sure to quickpress rather than longpress, or you will be taken to the Delete menu.

**NOTE:** There is no way to fast forward or rewind videos in Playback mode.

**Playback Mode Controls and Icons:**



- AVI
- 12/12
- 100
- 100

**NOTE:** If you wish to delete a loop recording video, quickpress the [Zoom] button in Playback mode to view your loop recording videos. Then longpress the [Zoom] button.

### Transferring Files to Computer

To edit or upload and share your videos and pictures, you must first transfer them to your computer. Follow the steps below to connect the camera to your computer.

- Make sure the camera is turned OFF, and that a Micro SD memory card is inserted in the camera before connecting it to your computer.
- Insert the smaller end of the Mini USB cable into the camera's Mini USB port.
- Connect the larger end of the Mini USB cable into your computer's USB port.
- Turn ON the camera.
- Your computer's autoplay will prompt your device is connected and the camera's screen will briefly show MSDC, then the screen will go black.
- Your computer will treat the camera as a removable disk and will appear as such under "My Computer."
- Select "DCIM" then select "100MEDIA".
- Pictures and videos will be displayed in this folder.
- Select "DCIM" then select "REORDER" to view your Loop Recording Video mode videos.
- Before disconnecting the camera, click on the "Safely Remove Hardware" icon usually located on the lower right corner of your desktop. OR Click on "My Computer", RIGHT click on "MICROSD" then click on "Eject" from the drop down menu.

**Transferring from Micro SD Memory Card to Computer:**

- Remove the Micro SD memory card from the camera's Micro SD card slot.
- Insert the card in your computer's media card reader and follow the instruction steps 4-8 in the previous section "Connect Your Camera to a Computer."

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- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

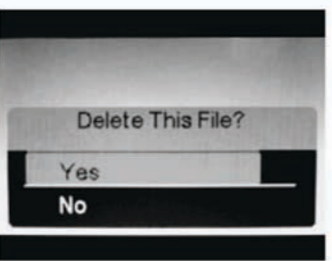
Do not attempt to repair or modify this equipment. Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. \*This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- this device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

### Playback Mode (Continued)

#### Deleting Files in Playback Mode:

- If you wish to delete either a still image or a video clip, longpress the [Zoom] button.
- Regardless of the file type, after longpressing the [Zoom] button, the screen directly below on the right will appear asking if you want to delete the file shown on the display.



- Use the [Mode] button to move up or down and press the [Shutter] button to select "Yes" to delete the file or "No" to keep it.
- After choosing your selection, the playback screen shown above on the left will return.

**NOTE:** If you wish to delete a loop recording video, quickpress the [Zoom] button in Playback mode to view your loop recording videos. Then longpress the [Zoom] button.

### Helmet Assembly



- Wrist & Arm Strap
- Helmet Stand
- Locking Screw
- Locking Wheel
- Tilt Knob

**Assembling Camera to Helmet Mount:** The camera does not have a standard tripod stand. The camera must be enclosed in the Waterproof Case.

- Insert the free end of the Wrist & Arm Strap through one of the slots in the base of the Helmet Stand.
- Thread the same end into the helmet vent and then back up to the Helmet Stand through another vent. Then insert the Wrist & Arm Strap through the other side of the Helmet Stand. Then insert the Wrist & Arm Strap back through the helmet vent.
- You should have now both ends of the Wrist & Arm Strap inside the helmet. Take both ends of the Wrist & Arm Strap and pull to tighten and then attach together with the Velcro strap.
- Turn the Waterproof Case onto the Locking Screw of the Helmet Stand until secured.
- Turn the Locking Wheel so it applies pressure to the case to keep the connection secure.
- Loosen the Tilt Knob, to adjust for the proper aiming angle; then tighten the knob.
- Please note this Helmet Stand will only work with vented helmets.

### Limited Warranty

**90 Days Limited Warranty** This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

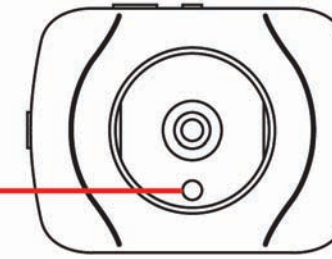
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- this device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

The shipping address of the authorized service center is:

**Southern Telecom, Inc.**  
Attention: Customer Service (2nd Floor)  
14-C 53rd Street  
Brooklyn, NY 11222

### Activating the LED Light



- When the camera is on, quickpress the [Power] button to turn the LED Light ON.
- Quickpress the [Power] button a second time to turn the LED Light OFF.

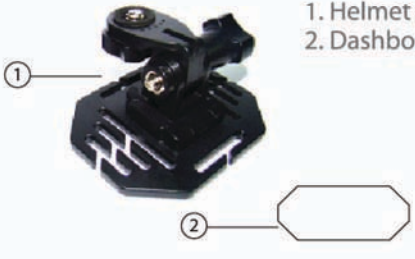
#### Changing the Quality in Video Mode/Loop Recording Video Mode

- When the camera is in Video mode or Loop Recording Video mode, the default quality is high definition 720p. The HD icon will be in the upper left.
- Longpress the [Mode] button to change the quality to standard definition VGA. The 640 icon will be in the upper left of the camera's LCD screen in this mode.

#### Changing the Quality in Picture Mode

- When the camera is in Picture mode, the default quality is 1M. The 1M icon will be in the upper left.
- Longpress the [Mode] button to change the quality to 3M. The 3M icon will be in the upper left of the camera's LCD screen in this mode.
- Longpress the [Mode] button again to change the video quality to 5M. The 5M icon will be in the upper left of the camera's LCD screen in this mode.

### Dashboard Mount Assembly



- Helmet stand
- Dashboard Sticker

**Assembling Camera to Dashboard:**

- The camera does not have a standard tripod mount. The camera must be enclosed in the Waterproof Case.
- Slide the Waterproof Case onto the Helmet Stand.
- Attach the bottom of the Waterproof Case to the Dashboard Sticker.
- Attach the Waterproof Case to your dashboard (not in front of the steering wheel).

Should you have any questions or problems concerning this product, please contact our customer service department at:

**Customer Support:**  
1-877-768-8483 (Toll Free)  
cs@southern telecom.com

Monday – Friday: 8AM – 10PM (EST)

www.southern telecom.com

**Warranty service not provided**  
This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, and unauthorized modification. This warranty is voided in the event any unauthorized person opens, alters or repairs this product. All products being returned to the authorized service center for repair must be suitably packaged.

**Limitation of Warranty:**  
THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY AIT, INC. IT'S AGENTS, OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.

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Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

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