

# iON SnapCam™ Lite

## **Quick Start Guide**



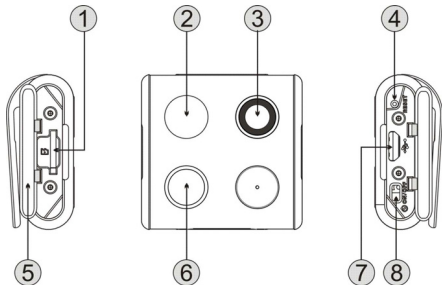
## **1. Introduction**

iON SnapCam Lite is a mini wearable camera. It allows users to take photos and video record life's moments by simply pressing one button.

## **2. Key Features**

- Ultra slim and light-weight
- Take high quality photo and HD video
- Detachable clip to mount on clothes
- G-sensor to detect the orientation and rotate the view

### 3. Functional Parts



1	MicroSD Card Slot	➤ MicroSD card storage location.
2	Status LED	➤ Show the camera status.
3	Wide Angle Lens	➤ Capture the live view.
4	Reset Button	➤ Reset the camera.
5	Silicon Cover	➤ Shield the camera from water and dust.
6	Capture Button	➤ Take a single photograph. ➤ Start/Stop video recording.
7	Micro USB Port	➤ Connect to an external power supply for charging. ➤ Connect to a computer for data transfer.
8	Time Lapse Switch	➤ Switch to turn the Time Lapse function on or off.

## **4. First Time Use**

### **4.1. Charging your SnapCam Lite**



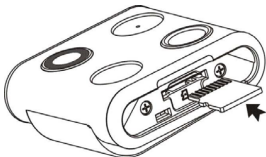
Charge the built-in battery before starting to use your camera. The camera will take approximately 2 hours to fully charge from flat.

The LED will turn solid RED once the camera is fully charged.

**Note:**

- Ensure your camera is charged before each use.
- For charging your camera more efficiently, make sure the Time Lapse switch is at the OFF position.

## **4.2. Inserting a MicroSD Memory Card**



You must insert a MicroSD card (not supplied) before using the camera. The camera supports MicroSD card from 2GB to 32GB (Class 6 or higher is recommended).

**Notes:**

- There is only one direction to insert the MicroSD memory card into the slot. Do not force the MicroSD card into the slot as this may damage both the camera and the MicroSD memory card.
- The MicroSD memory card must be formatted before use.

### **4.3. Setting Date & Time**

When the camera is used for the first time, or it has been restored to default settings, you need to set the camera's clock to ensure that your video and photo files are saved with the correct date/

time information.

**To set up the camera clock:**

1. Insert a MicroSD card to the camera.
2. Connect the camera to a PC to enter into USB mode (Refer to section 5.5).
3. Open the MicroSD file folder, create a file in any format (e.g. txt file) and name it with the format “set-YYYYMMDD-HHMM”  
YYYY, MM, DD, HH, MM represent the year, month and day, hour, minute of existing time.
4. Disconnect the camera from your PC, press the Capture button, the camera will scan the file and write it to the system clock.

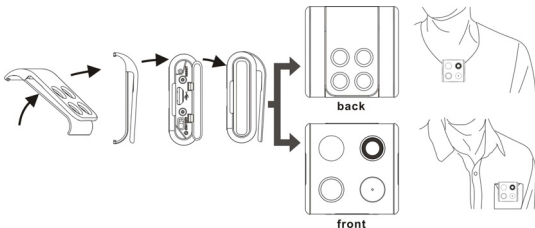
## 5. Using the Camera

### 5.1. Wearing your SnapCam Lite

#### 5.1.1. Mounting with Clip Holder

##### Note:

This method is suitable for wearing your camera on a jacket or relatively thick clothes. Wear your camera vertically, otherwise, the camera may slip and produce a tilted view.

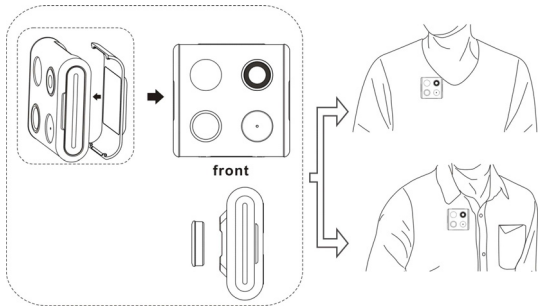






1. Install the clip holder on your camera.
2. Clip your camera in a vertical position where you wish.

### 5.1.2 Mounting with Magnet Clip

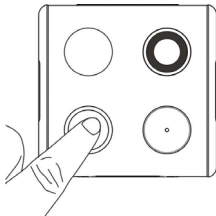


**Note:**

Magnet Clip not included – sold separately. This method is suitable for wearing your camera on relatively thin clothes. Wear your camera vertically, otherwise, the camera may slip and produce a tilted view.

1. Detach the magnet sheet from the magnet clip socket.
2. Install the magnet clip to your camera.
3. Attach the magnet clip with camera to an area outside your clothing while putting the magnet sheet inside the corresponding area of your clothing. The magnetic field will help the two pieces lock into place.

## 5.2. Taking a Single Photo



Press the Capture button very briefly to take a photo. A short beep and a flash of Blue LED indicates the action was successful. Be aware to not block the camera lens with your finger, or it will

shield the camera view.

**Note:**

When your camera battery is low, the status LED will flash in red. You need to recharge your camera. (Refer to section 4.1)

### **5.3. Taking Time Lapse photos**

Time Lapse mode captures a series of photos at 30 second intervals.

**To Start Time Lapse:**

Slide the Time Lapse switch to ON position to enter the Time Lapse mode, the camera will initiate a countdown. The Blue LED will flash each time a photo is taken.

**Note:**

When your camera battery is low, the status LED will flash in red. You need to recharge your camera. (Refer to section 4.1)

**To Stop Time Lapse:**

Slide the Time Lapse switch to OFF position to exit the Time Lapse mode.

**Notes:**

- You can also take single photos and record videos during Time Lapse mode. After the single photo is captured or the video is recorded, the camera will resume to Time

Lapse mode.

- Turn off the Time Lapse mode when you want to exit the mode, or the camera will continue taking photos until the battery depletes or the Time Lapse button is switched to OFF.

## 5.4. Recording Videos

Press and hold the Capture button to start recording, the camera will beep twice indicating recording has started. The LED indicator illuminates Blue throughout recording.

To stop Recording, press and hold the Capture button again, the camera will beep for 1 second and the LED will turn off.

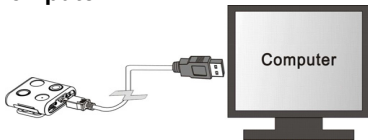
### Notes:

- The Still Photo function is disabled during video recording.
- When the memory card is full, the camera will beep 3 times twice and the LED will flash Blue and Red alternately for 5 seconds.
- When your camera battery is low, the status LED will flash in red. You need to recharge your camera. (Refer to section 4.1)

### Notes:

During operation, please do not release MicroSD card from the card slot as this may damage saved files or cause camera malfunction.

## 5.5. Connecting your Camera to a Computer



The camera can be connected to a computer as a mass storage device and transfer your photo/video files for storage.

1. Connect your camera to a computer via the USB cable included.
2. Press the Capture button to enter into mass storage mode.

When the camera is connected to the computer as a mass storage device, you can:

1. Open the folder and browse the files saved on the memory card.
2. Format the MicroSD card.
3. Set the camera clock. (Refer to section 4.3)

## 6. Specifications

Lens	Wide angle lens
Water Resistance	Splash proof (IPX4)
Still Image resolution	5MP
Video Resolution	720P @ 30fps
Video Format	MPEG4 (H.264) .AVI File
Photo Format	JPG
Memory Slot	MicroSD card
Support System	Windows XP, Vista, 7 and 8; Mac OS X 10.6 and later
Microphone	Built-in
Battery Life	Approximately 120 minutes continuous recording
Dimension (L x H x W)	42 x 42 x 13.4 mm
Weight	25.6g
Operation Temperature	-10℃ ~ 40℃
Storage Temperature	-30℃ ~ 80℃

## 7. Troubleshooting

Problem	Cause	Solution
Unable to record videos or photos	<ol style="list-style-type: none"><li>1. MicroSD card is not inserted</li><li>2. Memory full</li><li>3. Camera malfunction</li></ol>	<ol style="list-style-type: none"><li>1. Insert a MicroSD card</li><li>2. Replace with a memory card with space available for contents</li><li>3. Reset the camera</li></ol>
Cannot find removable disk after connecting the camera to the computer	Connection failure	<ol style="list-style-type: none"><li>1. Make sure all cable connections are secured</li><li>2. Restart the computer if necessary</li></ol>
Blurry images	The lens of camera is dirty	Clean the lens with soft and dry cloth



### **FCC Statement**

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

**NOTE:** This equipment 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 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:

- Reorient 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.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits



#### TRADEMARK INFORMATION

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Questions?  
Need Some Help?  
This manual  
should help you  
understand your  
new product.

If you still have  
questions,  
visit our website:  
[www.ioncamera.com](http://www.ioncamera.com)

Like Us:  
[www.facebook.com/ioncamera](http://www.facebook.com/ioncamera)  
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**Learn more.**

Learn more about iON camera features at <http://www.ioncamera.com>

For instructions and safety information, see the iON User Guide. Download the PDF at <http://www.ioncamera.com/ion/User-Guides.html>.

**Get support. (i.e. Warranty)**

Visit <http://www.ioncamera.com/ion/Support.html> for all iON camera support. If you are located in the United States of America, please contact Customer Service at 855-411-4466. If you are located in Canada, please contact Customer Service at 905-513-7733.