iON SnapCam™

# Quick Start Guide

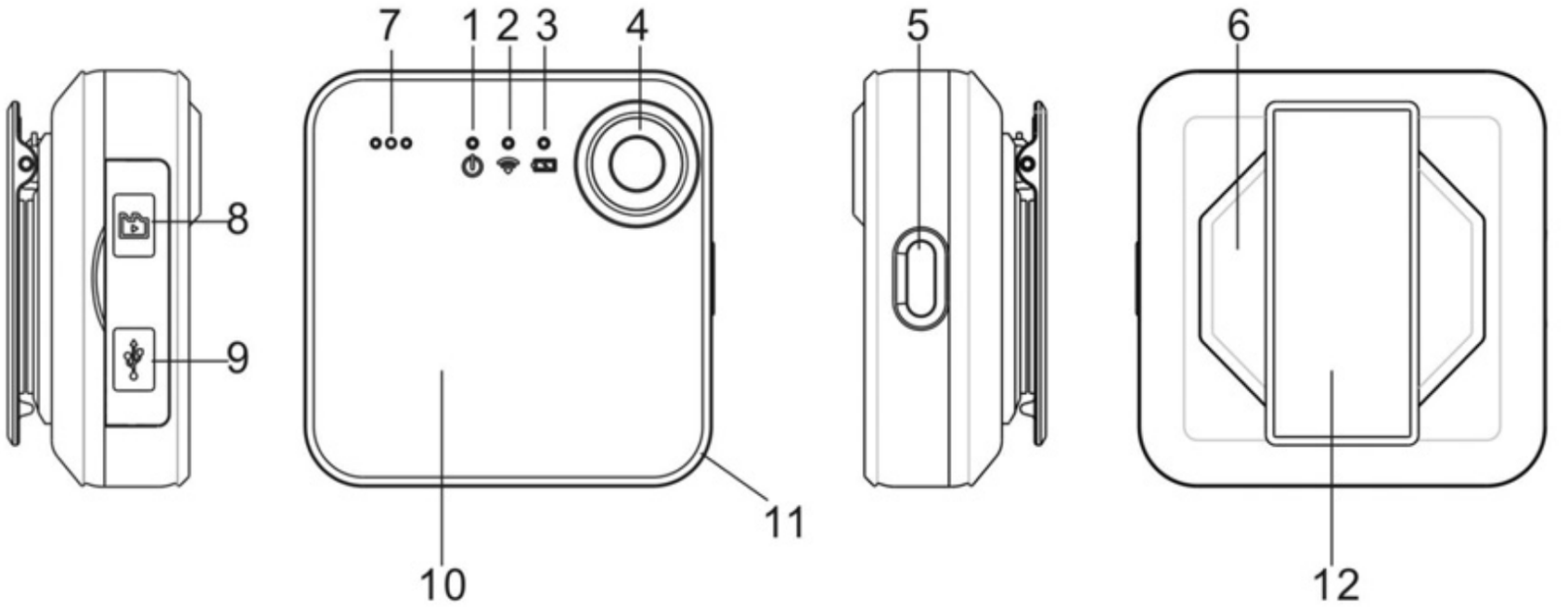
# 1. Introduction

SnapCam is a HD wearable camera. It allows user to take and share photos and videos on social media.

# 2. Key Features

- Ultra Slim and Light-weight
- HD Video (720p @ 30fps)
- 8mp Photos
- Auto rotate.
- Upload and Share Photos and Videos using built-in Wi-Fi
- Magnetic Clip included to wear on clothes, bags, hats etc.

# 3. Function

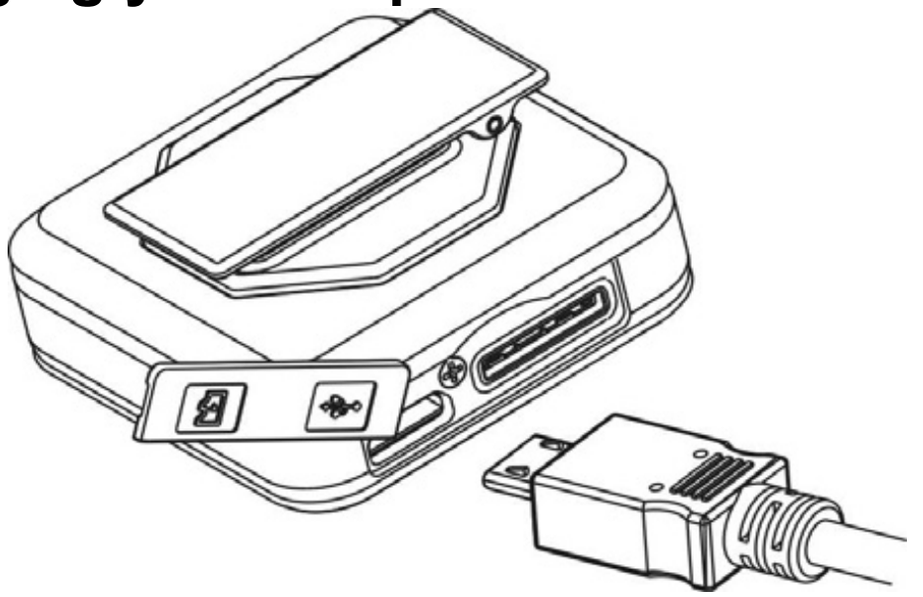



| | | |
|---|---|---|
| 1. | Camera LED (Red) | Indicate the camera reaction |
| 2. | Wi-Fi LED (Blue) | Indicate Wi-Fi status |
| 3. | Battery LED (Green) | Indicate the camera battery status |
| 4. | Lens | Wide angle lens |
| 5. | Power Button | Turn on and off the camera<br>Turn on and off the Wi-Fi<br>Reset the camera |
| 6. | Magnet | For attaching camera to clothing etc. |
| 7. | Microphone | |

| | | |
|---|---|---|
| 8. | MicroSD Card Slot | For MicroSD card |
| 9. | Micro USB Port | Connection for charging and mass storage |
| 10. | Touch Panel | To use camera. |
| 11. | Silicon Bumper | Protect the camera and decoration |
| 12. | Back Clip Mount | Attach to the camera by magnet and can clip on anywhere |

# 4. First Time to Use

## 4.1 Charging your SnapCam



Charge the built-in battery before starting to use your SnapCam. When the SnapCam is off, the charging time from empty to full is approximately

1.5 hours.

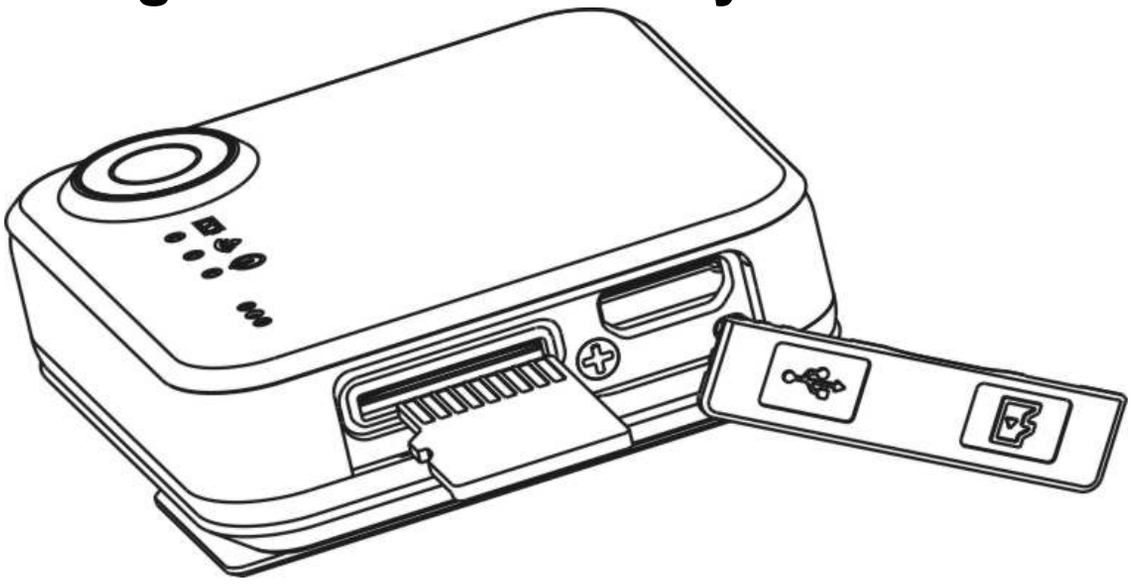
The LED will turn solid GREEN once the SnapCam is fully charged.

Note :

Charge your SnapCam every time before use.

To charge your SnapCam more efficiently, ensure the Time Lapse Switch is at OFF position.

## 4.2 Inserting a MicroSD Memory Card



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

Note :

There is only one direction to insert the MicroSD Card into the slot. Do not force the MicroSD Card into the slot as this may damage both the scanner and the MicroSD Card.

The MicroSD Card must be formatted before first time use.

## 4.3 Setting Date & Time

When the SnapCam is used for the first time, or it has been restored to default settings, it is necessary to set the SnapCam's clock to ensure the captured photo and video files are saved with correct date and time information.

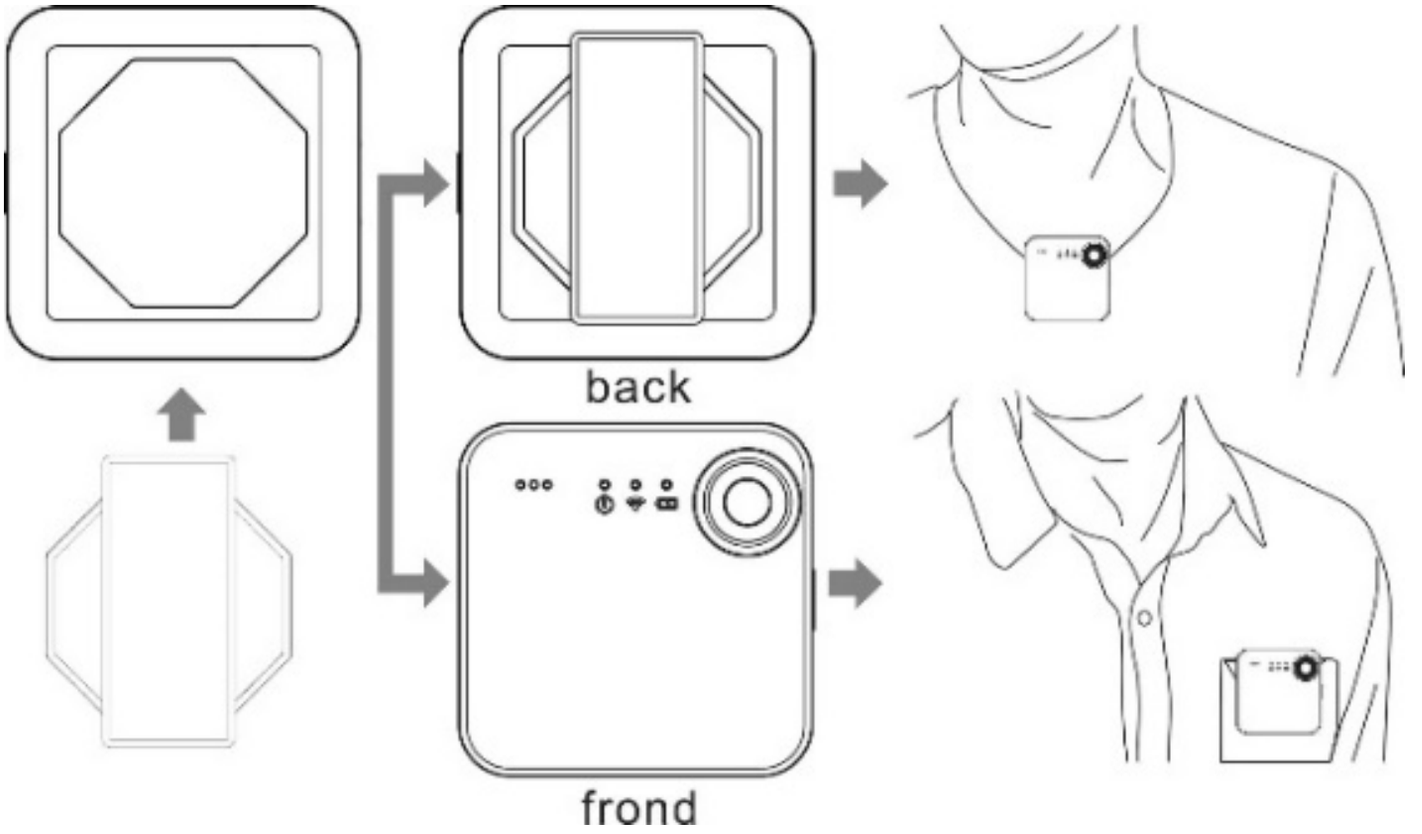
To set-up the SnapCam's clock :

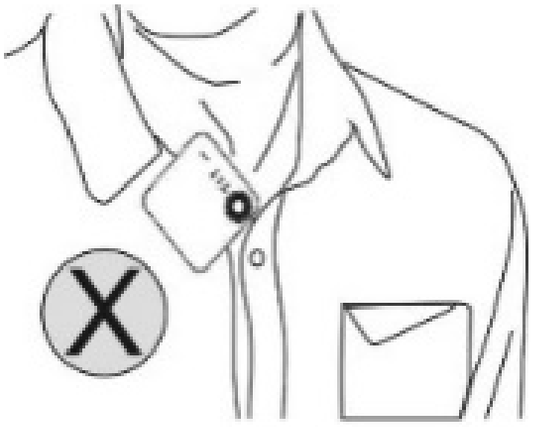
1. Insert a MicroSD Card into the SnapCam.
2. Connect the SnapCam to PC as mass storage device (please refer to Section 5.7).
3. Open the MicroSD file folder, create a file in any format (eg. txt file) and name it with the format "set-YYYYMMDD-HHMM", YYYY, MM, DD, HH, MM represent the year, month and day, hour, minute of existing time. (eg : set-20150618-1100.txt)
4. Disconnect the SnapCam from the PC, one tap on SnapCam surface, the SnapCam will scan the file and write it to system clock.

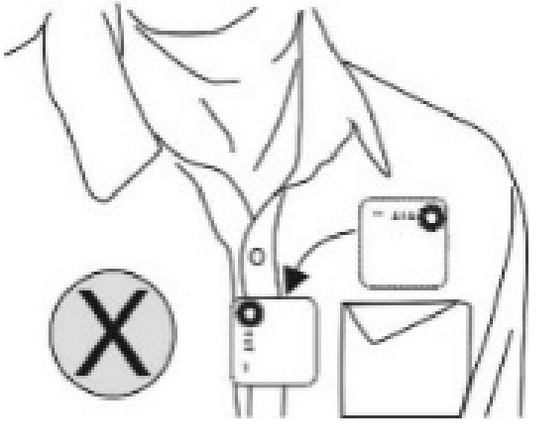
# 5. Using the SnapCam

## 5.1 Wearing your SnapCam

This method is suitable for wearing your SnapCam on a jacket or relatively thick clothes.

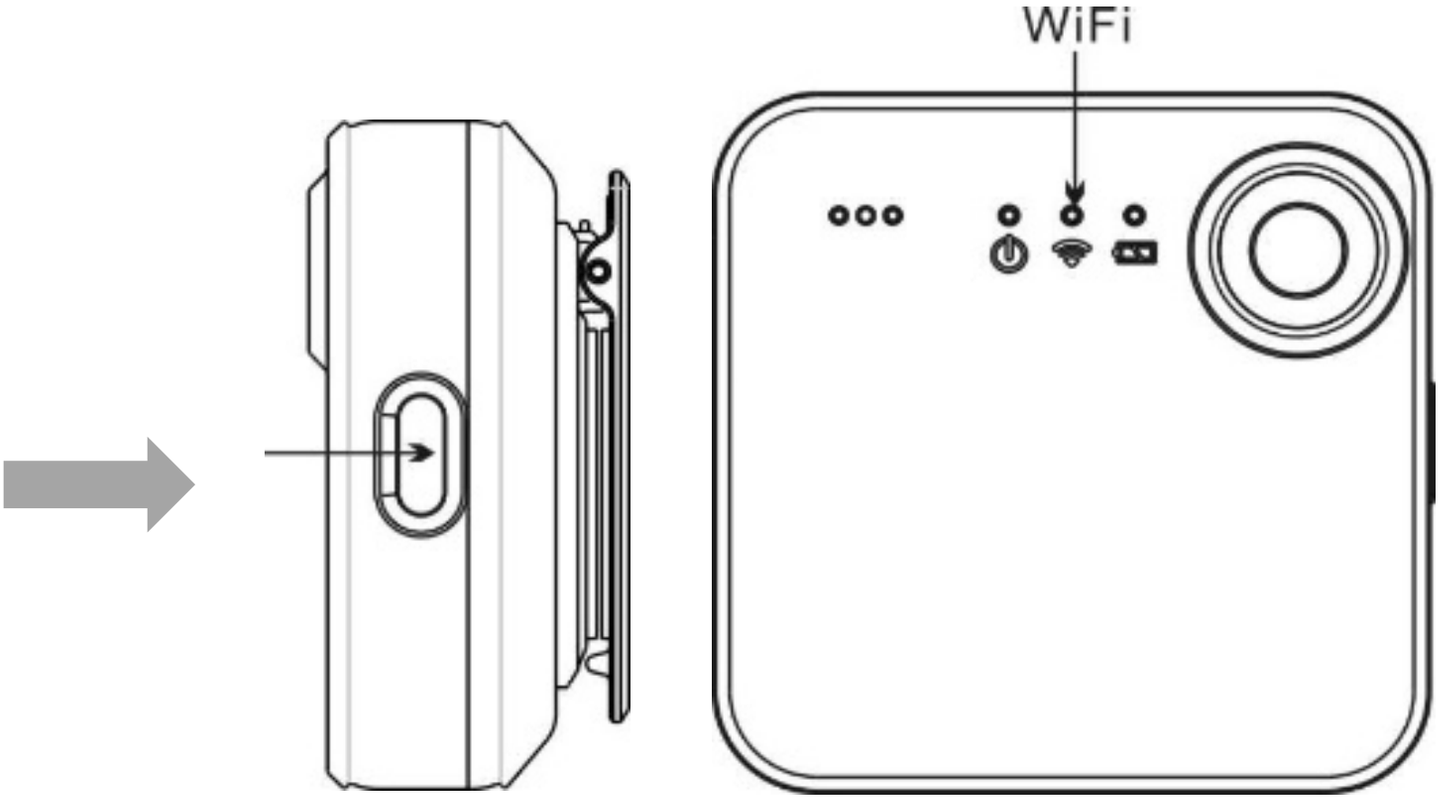






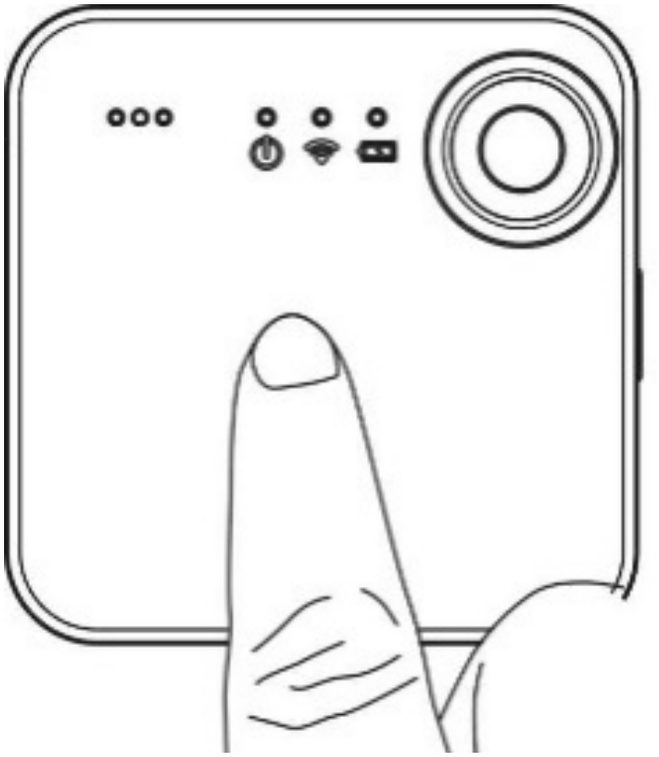
Note : Wear your SnapCam vertically, otherwise, the SnapCam may slip and produce a tilted view.

## 5.2 Power On your SnapCam.



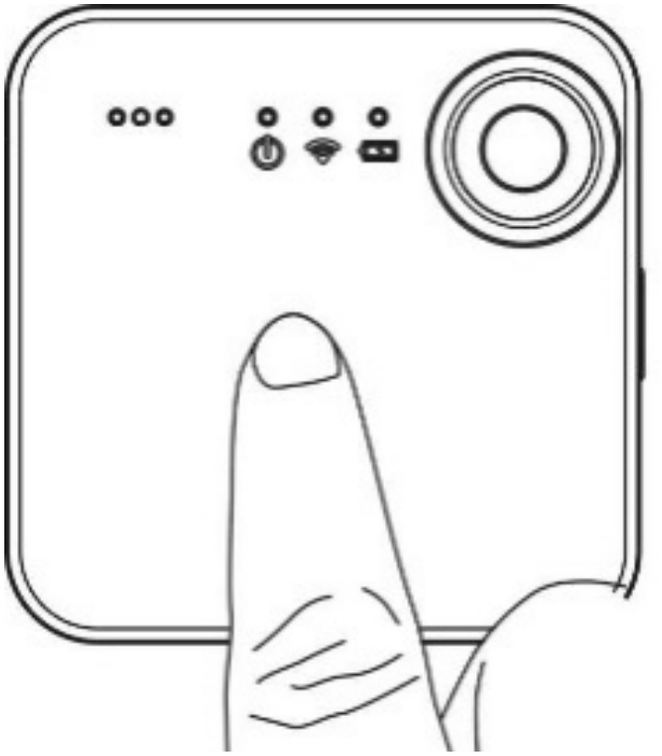

Press the Power On button for 3-4 seconds, the SnapCam will automatically search for the Wi-Fi network.

## 5.3 Take a Single Photo



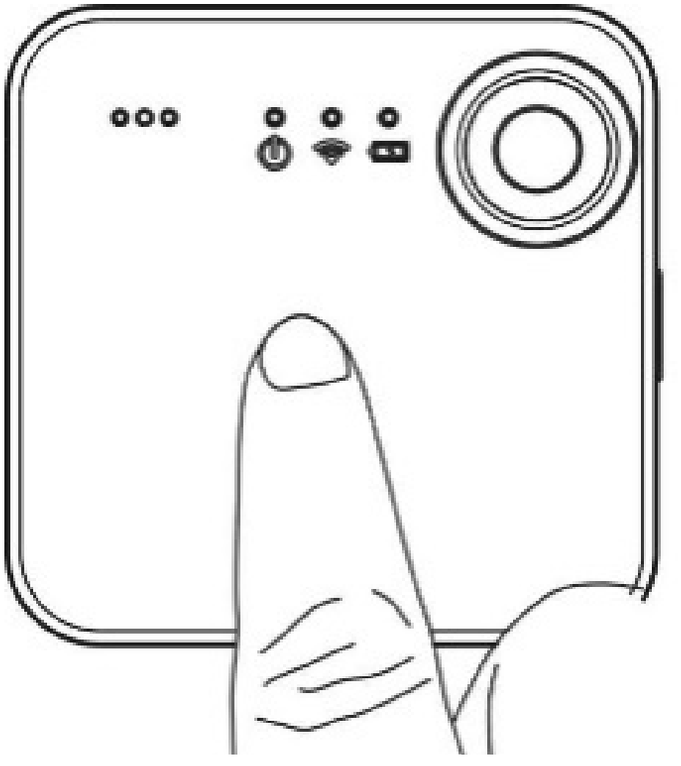
Simply tap the surface of your SnapCam to take a photo. You may also take a single photo using iON SnapCam App by click “Take Photo” button

## 5.4 Take Time Lapse Photos



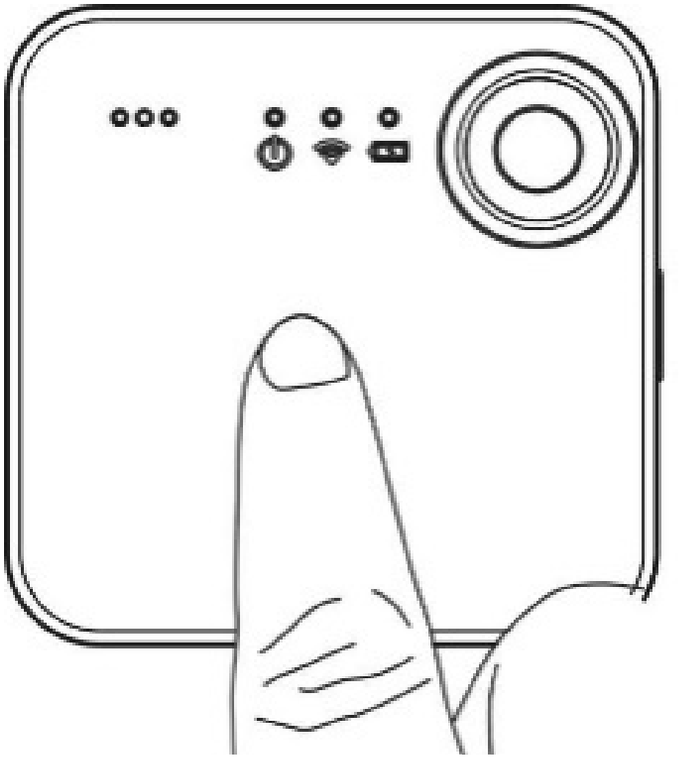
1. Set your SnapCam with Time Lapse Photo function on iON SnapCam App using a smartphone.
2. Simply click “Start Time Lapse Photo” on the iON SnapCam App, then your SnapCam will start to take photo with set time interval.
3. You may cancel the Time Lapse Photo function through iON SnapCam App

## 5.5 Video Recording



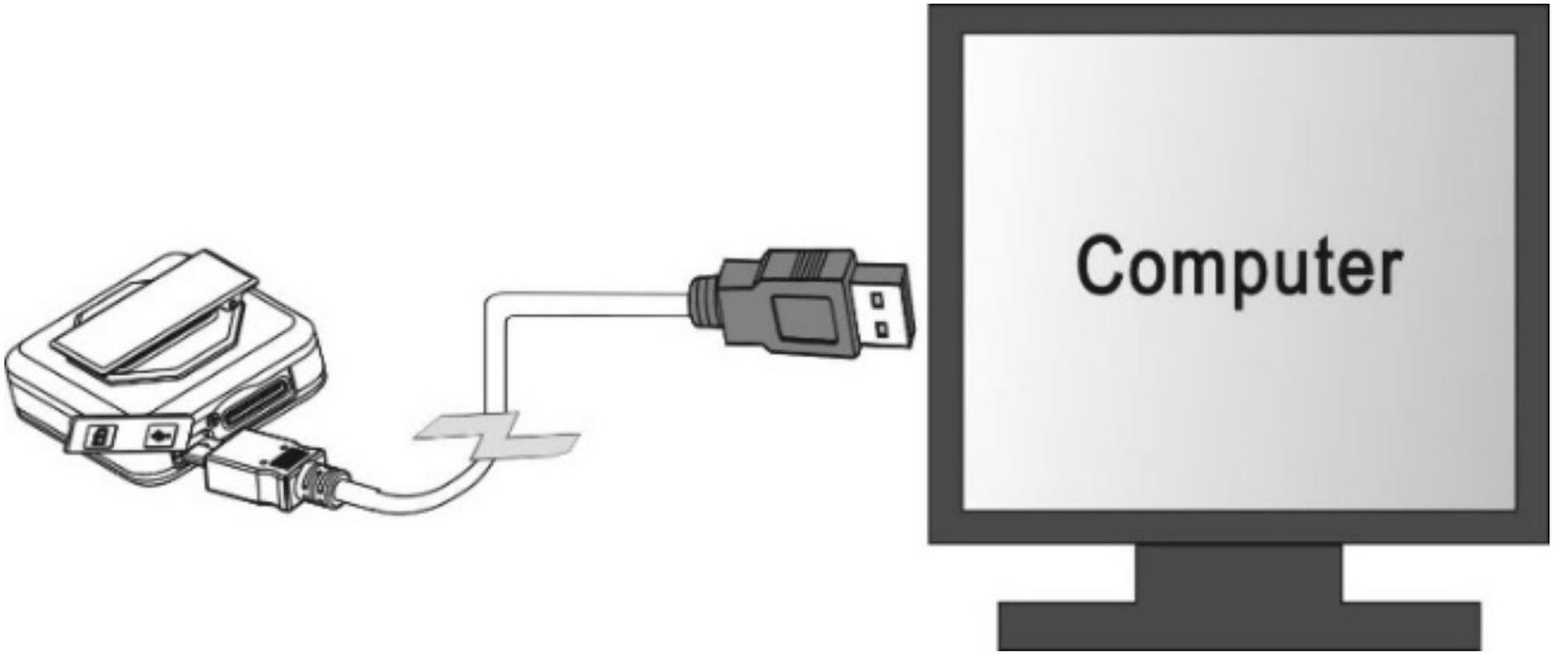
1. Simply tap the surface of your SnapCam 2 times then it will start video recording. You may also start video recording through iON SnapCam App by clicking “Start Video” button.
2. Tap the surface of your SnapCam 2 times to stop the video recording, or click “Stop Video” button on iON SnapCam App.

## 5.6 Short Video Recording



1. Set the duration of Short Video Recording on iON SnapCam App through smartphone. (Default is 15sec)
2. Simply touch the surface of your SnapCam and hold to start short video recording. You may also take short video recording through iON SnapCam App by click “Start Short Video” button.

## 5.7 Connecting your SnapCam to PC




The SnapCam can be connected to computer as mass storage device (MS Mode) and transfer the photos and video files for storage, if it is not under recording.  If the SnapCam is recording when connected to a PC, it will not enter to the mass storage mode but will begin charging.

# 6. Specifications

| | |
|---|---|
| Lens | Wide angle lens |
| Water Resistance | IPX4 |
| Still Image resolution | 8MP (Default), 2MP |
| Video Resolution | 720p 30fps , WVGA : 848 x 480 |
| Video Format | MPEG4 (H.264) .MP4 File |
| Photo Format | JPG |
| Memory Slot | MicroSD card |
| Support System | Windows XP, Vista, 7, and 8 ;<br>Mac OS X 10.6 or later |
| Microphone | Built-in |
| Battery Life | 2 hours continuous recording |
| Dimension (L x H x W) | 40 x 40 x 12.5 mm |
| Weight | 32g |
| Operation Temperature | -10°C - 45°C |
| Storage Temperature | -20°C - 70°C |

# 7.Troubleshooting

| Problem | Cause | Solution |
|---|---|---|
| Unable to record videos or photos | 1. MicroSD card is not inserted.<br>2. Memory is full.<br>Camera malfunction. | 1. Insert a MicroSD card. Supports 2GB – 32GB class 6 or higher.<br>2. Replace a memory card with space available for content.<br>3. Reset the camera. |
| Cannot find removable disk after connecting the camera to the computer | Connection failure. | 1. Check all cable connections.<br>2. Restart the computer if necessary. |
| 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

Like Us:
www.facebook.com/ioncamera
Tweet Us:
www.twitter.com/ioncamera

## Specific Absorption Rate (SAR) information:

This equipment meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: FCC ID: NW71045 has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.288 W/kg or head is 1.478 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0 cm from the body or head. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

## Information sur le taux spécifique d'absorption (SAR):

Cet appareil est conforme aux réglementations gouvernementales en rapport aux émissions d'ondes radio. Les directives sont basées sur des standards développés par des organisations scientifiques indépendantes à travers des évaluations poussées et périodiques d'études scientifiques. Ces standards incluent une marge de sécurité substantielle destinée à assurer la sécurité des toutes les personnes, indépendemment de leur âge ou de leur santé.

Déclaration et Information d'exposition de la FCC: La limite du taux spécifique d'absorption des États-Unis (FCC) est de 1.6 W/kg en moyenne pour une gramme de matière. Types d'appareils: FCC ID: NW71045 a également été testé contre les limites du taux spécifique d'absorption. Le plus haut taux spécifique d'absorption observé sous ces standards durant la certification du produit pour une utilisation appropriée sur le corps est de 1.288 W/kg. Cet appareil a été testé pour des opérations typiques de port au corps, avec la partie arrière située à 0 cm du corps.. L'utilisation d'accessoires qui ne répondent pas à ces exigences

pourraient ne pas être conformes avec les exigences d'exposition de la FCC RF et doivent être évités.

## Tasa de Absorción Específica (SAR):

Este equipo cumple con las exigencias del gobierno para la exposición a ondas de radio. Las directrices se basan en normas desarrolladas por organizaciones científicas independientes mediante la evaluación periódica y exhaustiva de estudios científicos. Los estándares incluyen un margen de seguridad diseñado para garantizar la seguridad de todas las personas independientemente de su edad o salud.

FCC exposición a radiofrecuencias de la Información y la Declaración de El límite SAR de EE.UU. (FCC) es de 1,6 W/kg promediado sobre un gramo de tejido. Tipos de dispositivos: FCC ID: NW71045 también ha sido probado contra este límite SAR. El valor SAR más elevado informado según este estándar durante la certificación del producto para su uso cuando se lleva cerca del cuerpo es 1.288 W/kg. Este dispositivo fue probado para operaciones con contacto al cuerpo con la parte trasera del teléfono a 0 cm del cuerpo. El uso de accesorios que no cumplan estos requisitos no pueden cumplir con los requisitos de exposición RF de la FCC y deben evitarse.