

# User Guide for Mini Camera Model PK1903



Please read the instructions carefully before using the device

## Table of Contents

TOPIC	PAGE
<b>1. Introduction.....</b>	<b>3</b>
<b>2. Package Content.....</b>	<b>4</b>
<b>3. Use of accessories .....</b>	<b>5</b>
<b>4. Buttons &amp; Functions .....</b>	<b>6</b>
<b>5. Product Parameters .....</b>	<b>7</b>
<b>6. Product Operation .....</b>	<b>8</b>
6.1 TF/SD Memory Card Insertion .....	8
6.2 Charging the Camera.....	9
6.3 How to start regular video recording.....	10
6.4 How to record Video (regular) while charging.....	11
6.5 How to add Infra-red lights to Video recording .....	11
6.6 How to start recording in Motion detection Mode .....	12
6.7 How to record in Motion detection while charging.....	12
6.8 How to add Infra-red lights to recording in Motion detection, while charging.....	13
6.9 Reset.....	13
6.10 Time Setting .....	14
6.11 How to watch the recorded Videos .....	15
6.12 How to FORMAT the Micro SD Card in MAC computer.....	16
<b>7. Disclaimer .....</b>	<b>19</b>

## 1. Introduction

**Thank you very much** for purchasing “**PIKOOO**” Mini Hidden Camera **Model PK1903**.

This User Manual was purely designed and written to simplify the operational process for you, our valued customer.

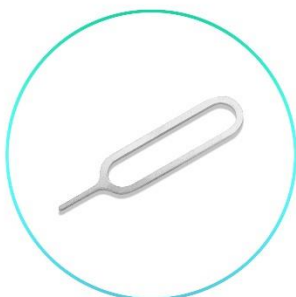
In addition to this written Manual we prepared for our customers, a full Video Guide, and Mini videos that will show, step by step, the different functions and using options, in a simple and clear way.

For any question or concern please don't hesitate to contact us by  
Email, we'll be happy to assist you 24/7

**From the entire “PIKOOO” team, welcome to “PIKOOO” family, and we wish you a great joy  
from your new product!**

## 2. Package Content

(Camera & Accessories)



Reset Pin



Clip



Multifunctional Base



Mounting Device



Basic Manual



Long USB Cable  
(6.5 feet long)



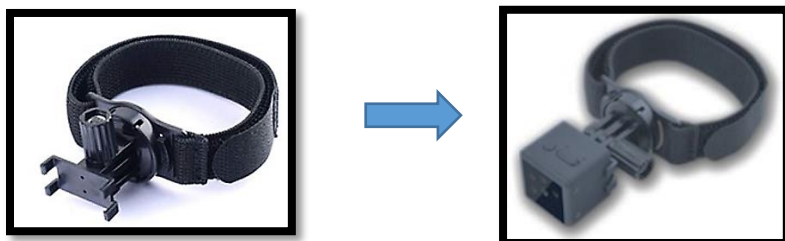
Sport Clip + Elastic Band



Mini Hidden Camera  
Model PK1903

### 3. Use of Accessories

**Sport Clip + Elastic Band (Camera is attached to the Clip):**



**Clip + Multifunctional Base: (Camera is attached to the clip, the clip is attached to the Multifunctional base):**



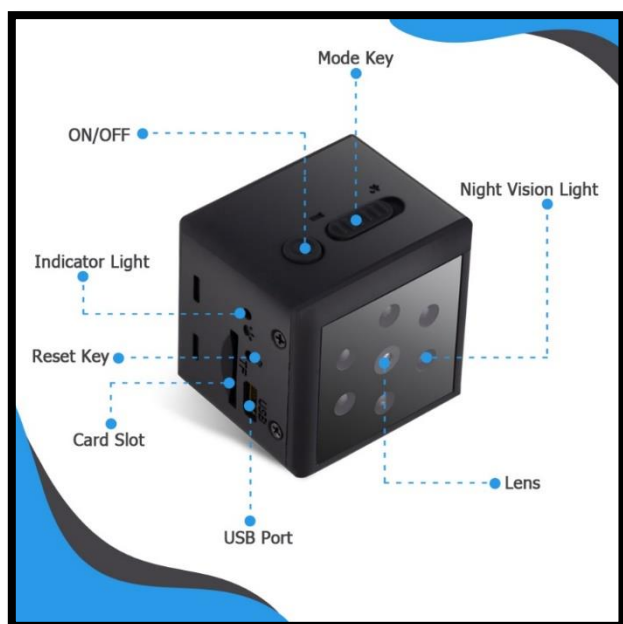
Clip

Multifunctional base

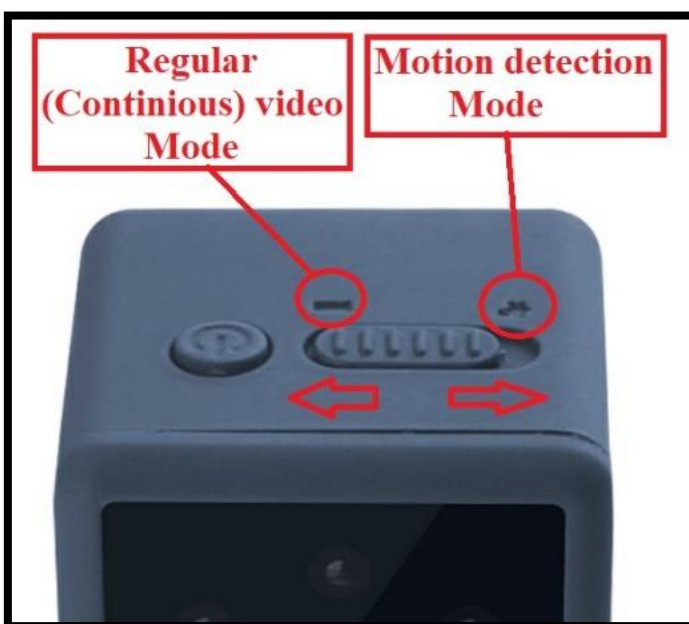
**Mounting device (The camera will connect to this device using the back Magnet):**



## 4. Buttons and Functions



Picture 1A

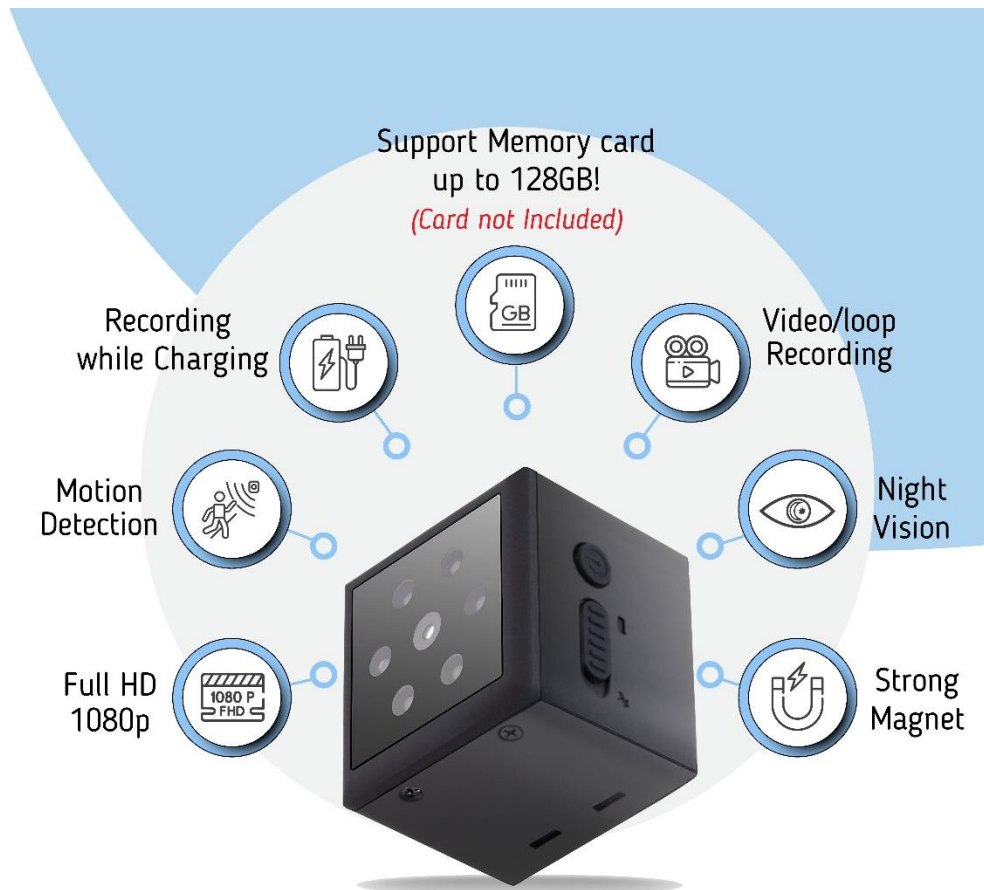


Picture 1B

**Note:** Micro SD/TF Card is not included

## 5. Product Parameters

Video Format: AVI	Charge Voltage: DC-5v 1A
Video Resolution: 1920*1080	Storage support: 8GB-128GB
Video Frame Rate: 30 fps	Transmission speed: USB 2.0
Motion detection record: Support	Interface type: Mini 8PIN USB
Battery Capacity: ~ 180 mAh	
Recording time (Without cable): ~ 80 minutes	



## 6. Product Operation

### 1. TF/SD Memory Card insertion and retrieve:

- I. **Note:** Use Micro SD/TF Card 8GB -128GB. (**Card is not included**)
- II. Please insert the Micro SD/TF Card in the right orientation (See picture 2)
- III. Insert the card by pushing it inside the slot. You should hear a “click” when the card is inserted.
- IV. To take the card out just push it inside (“Click” it in and it will be released).



Picture 2

#### **Important Notes:**

1. If no Memory Card is inserted, the RED light will flash for ~ 10 seconds, and the device will shut down automatically.
2. The memory card must be 8GB and up to 128 GB, and the format is FAT32.
3. If 64GB or 128GB card is used, and the Card is not FAT32 formatted, the device will automatically format the Card when power ON. Please pay attention to data security.
  1. In the process of formatting, the RED light is always ON, and the BLUE light is flashing.
  2. After POWER ON, it will automatically enter to video mode or motion detection mode.

## 2. Charging the Camera: (please fully charge the device before use)

1. Use the provided Mini-USB cable to charge the battery.

Charging options:

1. Connect to 5V-1A charger
2. Connect to portable power bank charger (5V-1A)
3. Connect to computer USB port

**Indicator:** The **Red** and **Blue** indicator lights are flashing when charging. Once fully charged, the lights will stay on.

### 3. How to start Regular (Continuous) Video recording

1. When the camera is off, verify the mode button (slider) is on regular Video mode (Follow the signs per Picture 1B)
2. Press the POWER button for 3 seconds.
3. Wait until the RED light flashes slowly. This indicates the camera Started recording.
4. To stop recording, “Click” once on the POWER button. The RED light will stop flashing.
5. To resume recording, just click once on the POWER button. The RED light will flash, indicating the camera is recording

#### 4. How to record video (Regular) while charging

**Important Note:** To allow video recording while charging, the camera **cannot** be connected to a computer.

1. Verify the camera is turned OFF, and the Mode button is on “Regular video Mode” (Follow the signs per Picture 1B)
2. Plug the charging cable into the USB port.
3. Wait until the BLUE and RED lights start flashing.
4. To start recording, just click the POWER button once. The RED light will start flashing.
5. To stop recording, Press once on the POWER button.
6. After few seconds with no recording, the lights will flash again

#### 5. How to add Infra-red lights to video recording

1. While the camera is recording, press the POWER button for 3 seconds.
2. The blue light will flash twice, fast, and will turn OFF- This indicating The infra-red lights are ON.
3. To turn OFF the infrared lights, press the POWER button for 3 Seconds. The BLUE light will flash 4 times and will turn OFF- This indicating the camera is recording without infrared lights.
4. To stop recording, push once on the POWER button.
5. To turn OFF the camera, press the POWER button for 6-7 seconds

## 6. How to start recording in Motion detection

1. When the camera is OFF, move the MODE button to “motion detection mode” (Follow the signs per Picture 1B).
2. Press the POWER button for 3 seconds.
3. Wait until the blue light flashes quickly. When camera detects Movement, it will automatically start recording, and the BLUE light will flash slowly.
4. To stop recording, push once on the POWER button.
5. To turn OFF the camera, press the POWER button for 6-7 seconds.

## 7. How to record in motion detection while charging

**Important Note:** To allow video recording while charging, the camera **cannot** be connected to a computer.

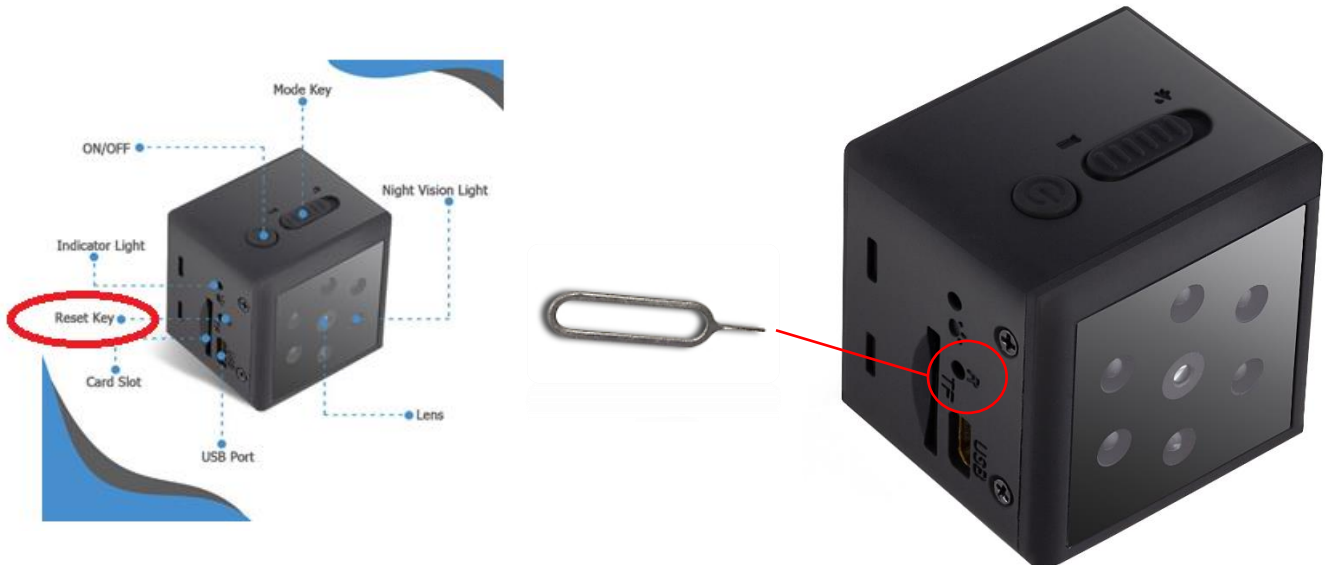
1. When the camera is OFF, move the MODE button to motion detection Mode (Follow the signs per Picture 1B).
2. Plug the charging cable into the USB port.
3. Wait until the BLUE and RED lights start flashing.
4. Press the POWER button once. The blue light will flash fast.
5. When camera detects movement, it will automatically start recording, and the BLUE light will flash slowly.
6. To stop recording, press once on the POWER button. After few seconds with no recording, lights will flash again.

## 8. How to add Infra-red lights to recording in motion detection while charging

1. When camera is recording, press the POWER button for 3 seconds.
2. The BLUE light will flash twice fast, and then flash regular, indicating the Infra-red lights are on.
3. To turn OFF the infra-red lights, press the POWER button for 3 seconds.
4. The BLUE light will flash 4 times, fast, indicating the camera is recording without infrared lights.

## 9. Reset

1. In case of System error or malfunctioning, reset the device by inserting the **Pin** to the reset hole (Insert the pin for 1-2 seconds and take it out).

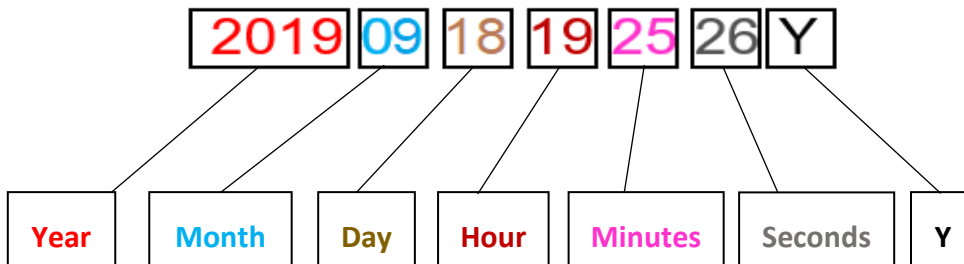


## 10. Time Setting

1. Turn **OFF** the device.
2. Connect the device to a computer.
  1. **Note:** Once connected, the computer will recognize the device as an external source.
3. Locate the "TIMERSET.TXT" file in the folder on your computer.
4. Set the desired time using the following Format:

2019-09-18 23:59:59 Y

What each number refer to:



**Y** = Put "Y" if you want to display the time watermark

**N** = Put "N" if you don't want to display the time watermark

5. **Save** the file.
6. **Disconnect** the device from the computer.
7. When you turn **On** the device, the time set will be generated.

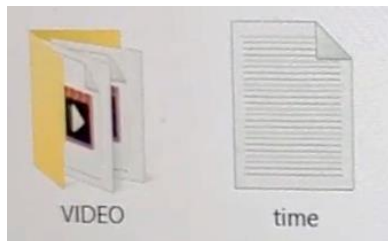
## 11. How to watch the recorded Videos

### There are two ways to watch the recorded videos:

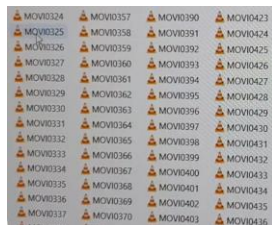
1. Connecting the Camera to your computer using the provided cable.
2. Retrieving the Memory Card and put it in a Micro-SD Memory card reader.

The following instructions are for option 1 above (Watch the recorded Videos by connecting the Camera to your computer):

1. Connect the Camera to your computer
2. Once the camera will be connected to your computer, the computer will recognize the device as an external source (In most cases, once the camera is connected to the computer, the Camera folders will be presented automatically after ~5 seconds).
3. Open the "Video" folder.



4. You will see all the recorded videos. Each video will be in ~ 10 minutes length.



We recommend to watch the videos using "VLC Media Player"

5. Download the files to your computer, by copy or cut and paste the files to the designated folder in your computer.

## 12. How to FORMAT the micro SD card, in MAC computer

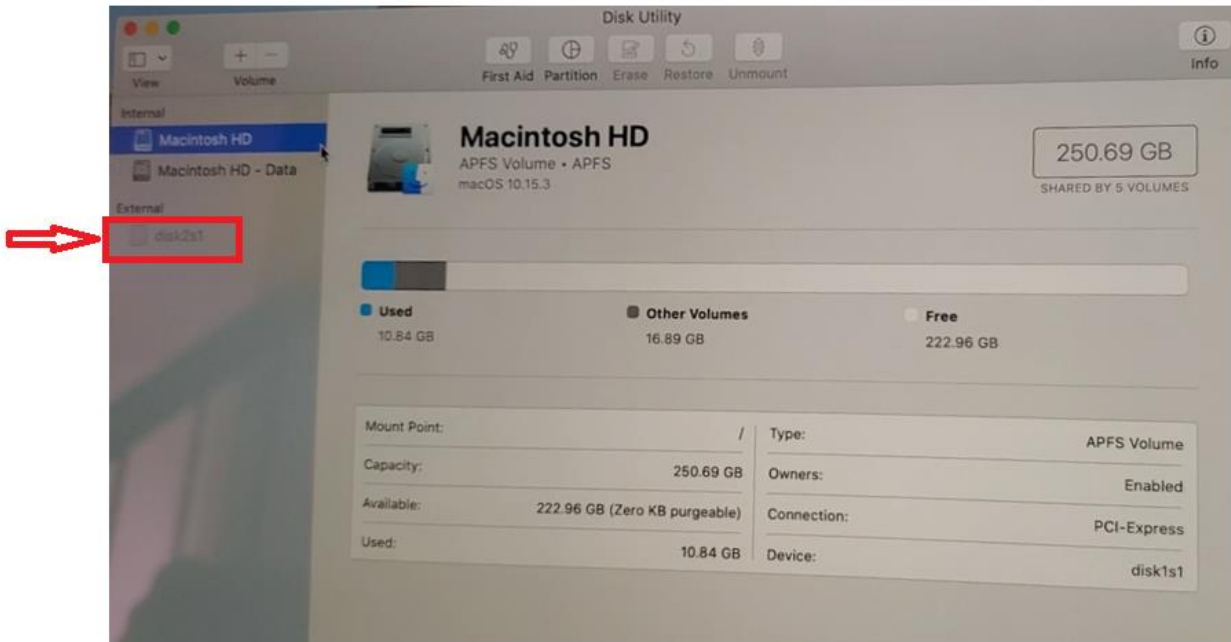
1. Usually when using Micro SD Card with capacity above 32GB, MAC computers will not be able to read it, unless the CARD will be formatted to FAT32. A message like that may appear once you connect it to your **MAC**:



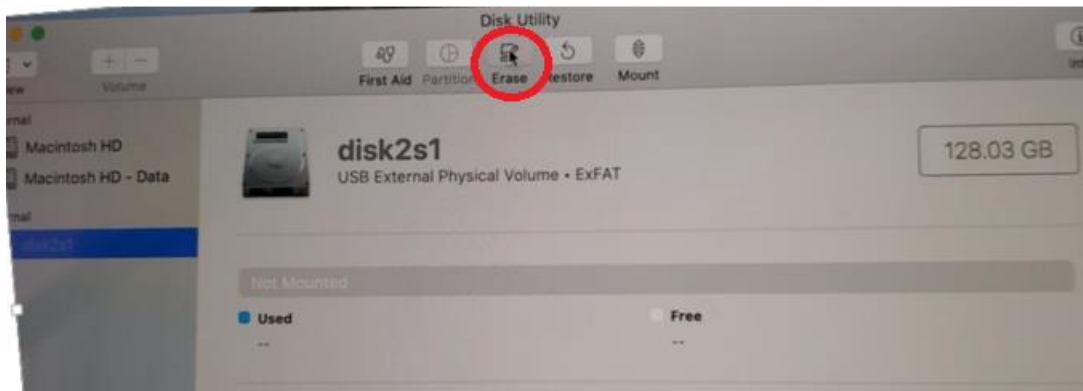
2. To FORMAT the card, press the “**Initialize**” button.
3. In some cases the **Disk utility** window will pop up. If not:
4. Open **Disk Utility**:



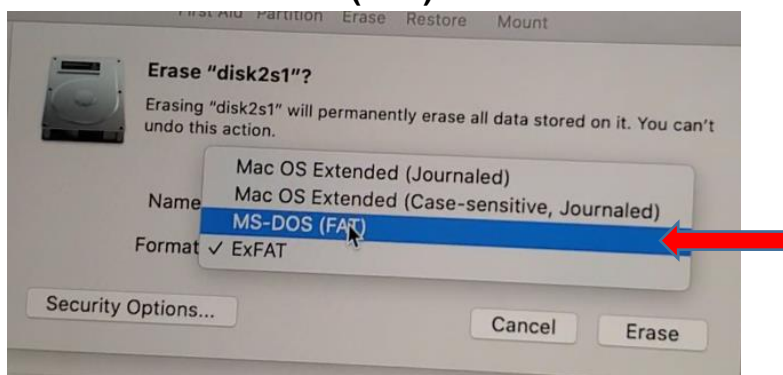
5. Click on the **External** source (Check that it is the camera you connected)



6. Click on **Erase**

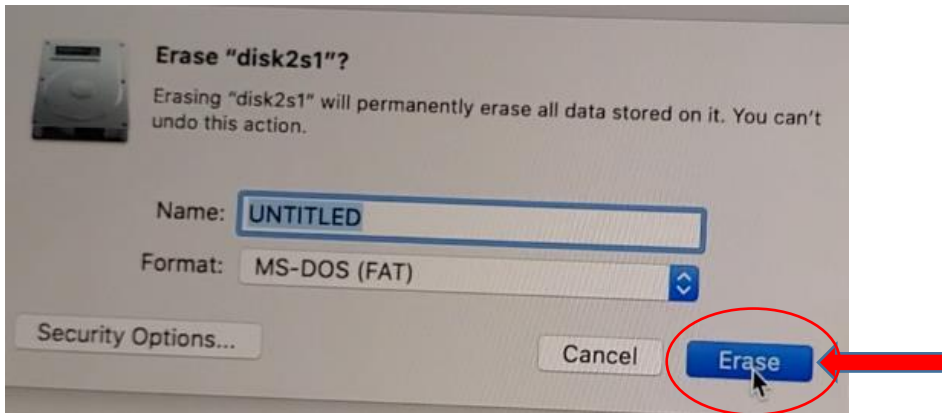


7. Chose: **MS-DOS (FAT)**

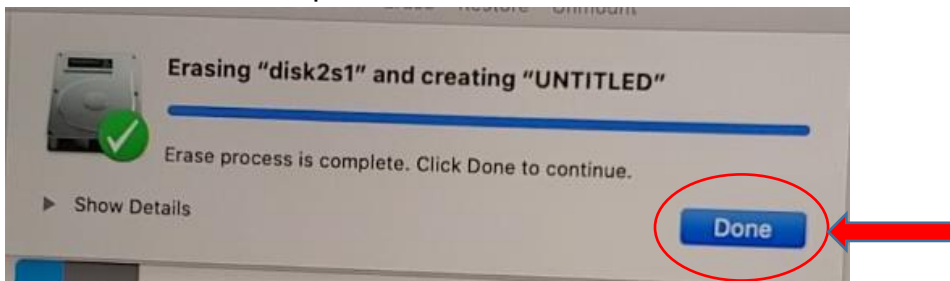


8. Click: **Erase**

(Note: You can also choose a name to describe your card or just leave it as UNTITLED).

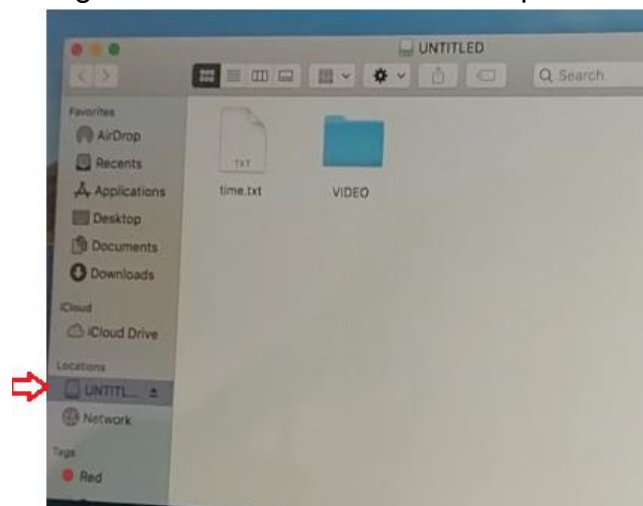


9. When finished press: **Done**



10. Close the window. The **FORMAT** process is **completed**.

11. Now, when you will connect the camera to your MAC, you will be able to recognize the external source and open it to watch the recorded Videos.



## 7. Disclaimer

1. The usage of this device is subjected to the relevant laws and regulations at your state.
2. **DO NOT** use this product for any illegal activities.
3. **DO NOT** point the Camera lens to the direct sun light, it may cause a permanent damage.
4. **Keep Away from Fire.** Never expose the device to any fire source.
5. **DO NOT** Disassemble and modify the camera. It can cause damages to you and/or the Camera.
6. **DO NOT** let water, liquids or foreign matters get inside the device. Extra precaution is advised where it is raining, snowing or other form of water.
7. **DO NOT** drop the device, to prevent any damage that may occur.
8. **Warning Choking Hazard** Not for children under 3 years.