



Video CatCam® User Manual

Revision: 30. May 2009

Check for updates on: www.mr-lee-catcam.de

Mr. Lee CatCam and CatCam are registered trademarks of Juergen Perthold.

Index

Index.....	1
Change History.....	2
1. Overview.....	3
2. Open camera.....	3
3. Close camera.....	4
4. Battery supply.....	5
5. Activate camera.....	6
6. Setting of recording interval.....	7
7. Adjust time stamp.....	8
8. Collar Attachment.....	9
9. Video Storage and Download.....	9
10. Support and Help.....	10

Change History

We try to keep this manual up-to-date. Therefore changes and additions are made. You may want to check from time to time for updates so that you have the most recent issue available.

Revision Date	Changes
April 28 th , 2009	Initial revision
May 30 th , 2009	Additions to shackles and interval setting.

1. Overview



The Video CatCam® records video clips in an adjustable time interval. When nothing is recorded the camera switches off automatically and saves battery energy. The device is designed to be worn on the collar of an animal (cat) but may find use for general surveillance tasks as well.

The Video CatCam® has small dimensions of 7.5x2.5x2.5cm (2.9 x 1 x 1 inch) and weight of approx. 65 grams (2.3 oz).

Both memory and battery are integrated into the device.

The device is protected against dust, dirt and water. It is shock and scratch resistant. No noise is emitted at any time.

2. Open camera

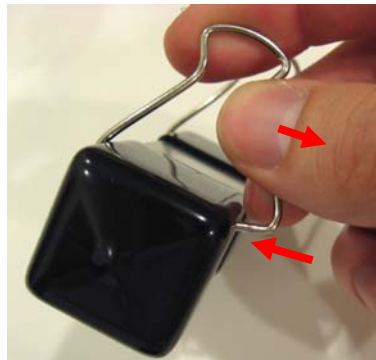
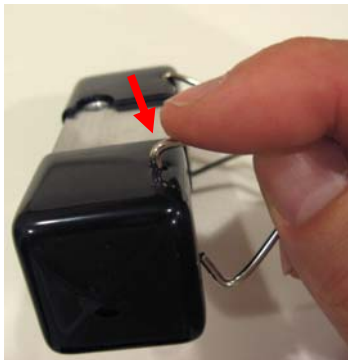
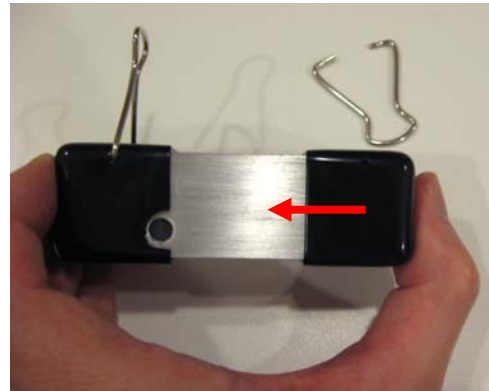
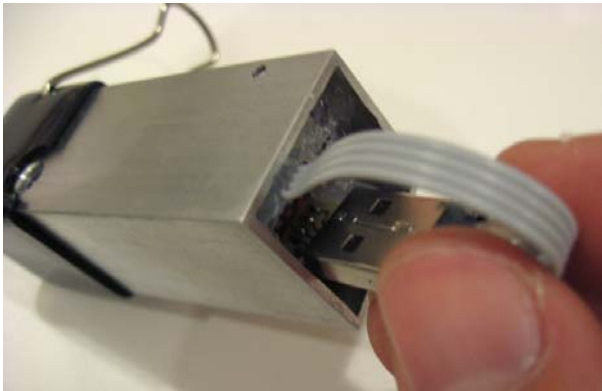
The camera enclosure is closed with a rubber cap to provide tightness to a large extent. To open the shackle must be removed first and then the cap can get removed.





3. Close camera

Basically the enclosure is closed in the opposite way. The shackle must go through the holes in the rubber cap and into the drilled holes of the metal enclosure.





It is important that the shackles are locking in completely.

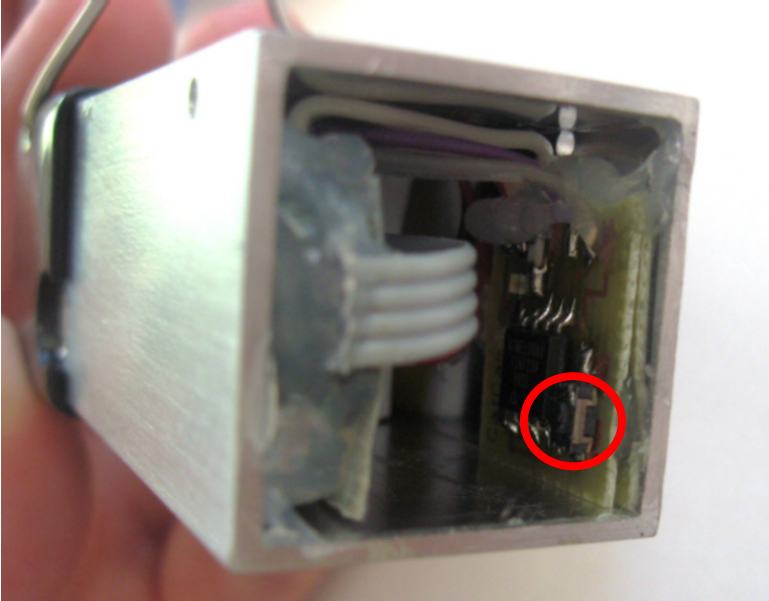
4. Battery supply

The camera is supplied by an integrated rechargeable Lithium-Polymer battery. It must be charged before use. Charging is done using the USB interface. Remove the right shackle from the camera and pull the cap. On a short cable is the USB connector attached. Connect it to a powered computer. After approx. 3 hours the battery is charged.



5. Activate camera

After the battery is charged the camera can be activated. Press shortly on the button in the enclosure. The status light comes on. Since the button is very small a toothpick or similar can be helpful.



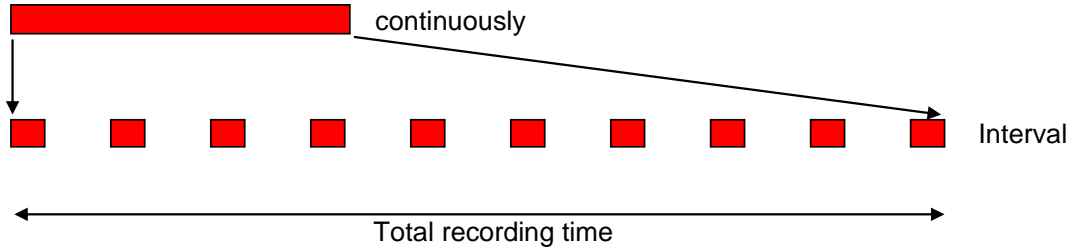
As long as the device is active the status light blinks shortly every few seconds.

Press again on the button to switch the camera off. This may take some time depending on the record state. The status light will remain on until the camera is shut down, you do not need to press more than one time on the button.

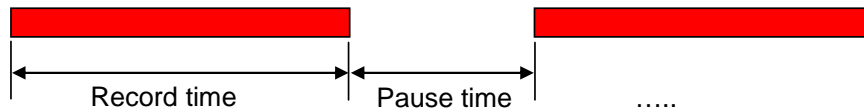
If you have programmed recording interval time the setting will not get lost by switching the camera off.

6. Setting of recording interval

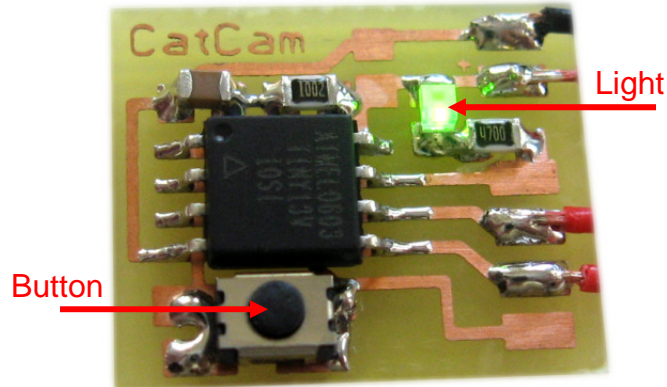
The available recording time which means memory capacity and battery energy can be spread over a longer time. The following graphic shows this. If added together both bars have the same length. Chopping the recording time into smaller pieces extends the coverage to a longer time.



One cycle consists out of a recording phase and a pause phase in which the camera is switched off as shown in the following graphic. For both phases the time can be set on the camera.



Setting these times is done using the On/Off button. While a quick push on the button is switching the camera on a longer push enables the time setup.



The procedure is as follows:

- In the default state the camera is off
- Press the button and hold it for some seconds.
- The status light comes on and blinks. Each blinking increases the recording time by 1 minute.

- When the desired recording time is reached release the button.
- Press the button again to set the pause time, each blinking increases the pause time by 1 minute.
- When the button is released the settings will be stored and the camera switches into the recording mode.

If you want a continuous recording without interrupts use the same procedure as before. Release the button right after the first blinking of the status light. It doesn't matter if you do this at setting of recording time or pause time. In both cases the result is that the interval mode is switched off. A fast blinking of the status light is acknowledging this.

7. Adjust time stamp

The video picture is overlaid with the recording time. This time can be adjusted.

Procedure:

1. Open a text editor (e.g. Start -> Run -> notepad.exe)
2. Enter the recent date and time, format: 2009-04-24 11:22:00
3. Save the file as userconfig.txt
4. Connect the camera to the computer
5. Copy the file into the root directory of the camera.
6. Remove the camera from the computer (after you stopped the device with device manager)
7. Switch the camera on
8. The time from the file will be used as the camera time. The example sets the date and time to 24. April 2009, 11:22:00 o'clock. The file userconfig.txt disappears.

Since the camera has no internal clock circuit the time must be set prior to each new recording session.

8. Collar Attachment

The collar is fed through both shackles then the collar with the camera is put on the animal. The lens points away from the body.



Safety note: Please consider that a collar on a neck of a cat is a potential safety risk. Because a cat wanders and crawls more or less in any place and can catch or trap itself with the collar on an object such as gate rods or tree branches. This may lead to death of your pet. In the USA are collars common which provide a safety release if a certain amount of force is applied. Everything mounted to the collar will be lost in such a case. Please decide what is more important: The life of your pet or the device on the collar.

9. Video Storage and Download

The video recordings are stored in AVI format. The coding is done in H.263 sub format. To replay the matching codec must be installed on the computer. We recommend using the free VLC player which has this codec already integrated. VLC is working with different operation systems.

To download the recordings open the camera as described before and connect the cable to the USB interface. The computer should recognize the camera as an additional drive. If this not the case try to switch the camera on before connecting it to the computer. Now you can copy and erase files like on a regular hard disk.

Note: Prior to disconnecting the camera from the computer make sure you stopped it with the device manager. Otherwise the file system of the camera may be screwed up.

10. Support and Help

You can get in contact with the technical support by sending a mail to support@mr-lee-catcam.de

If your CatCam got damaged or you want to update to newer software contact also the technical support.

