Flash Drive DVR Manual

Notice

Working Environment: Please abide by the laws concerning your area. Any illegal use of this product is prohibited; otherwise it is at your own risks.

Working Temperature: Please use this product in normal room temperatures and not in abnormal temperatures.

Working Humidity: Please use it in an environment where the moisture is fit for human beings to live in. Do not use in an overly-humid place. This product is not waterproof, so please do not expose it to water.

Shooting Environment: Please expose it to a sufficient light source. Don't expose the camera directly to hard light sources, such as sun light, etc., to prevent the optics from being damaged.

Sanitary Requirements: Please don't use this product when the dust density is excessive, so as to avoid the camera lens and other parts from being polluted by the dust.

Waste Disposal: Please protect the environment and discard the product properly. Do not throw this product in fire, as it could possibly explode.

Introduction

This is a new generation of miniature digital DVR housed in an ultra-small USB flash drive body with a HD resolution camera and battery. With it, you can capture high quality videos, take pictures, or use for personal monitoring and security. Used as a PC webcam, you can enjoy on-line video chatting or conferencing. This device also features removable memory with a built in memory card slot. The DVR features a motion detection mode which is the perfect tool for monitoring and security use. The combination of a compact design, multi-functional HD DVR, and high reliability will inspire confidence in its use. Place one in your home and office for security monitoring each one while you are away.

Features

● **Sleek Flash Drive Design**

The 360-degree rotating cover provides a comfortable handle at any angle. The high-speed USB 2.0 port allows for fast data transfers.

● **High Definition Camera**

Video: 1280 x 960 Resolution AVI Files

Camera: 1600 x 1200 Resolution JPEG Files

● **Webcam**

May be used as a high definition webcam for enjoying on-line video chats with your family and friends.

● **High Capacity Memory Storage**

Compatible with up to a 32GB memory card, it can be used as a portable storage drive to hold various types of data.

● **Extended Video Recording**

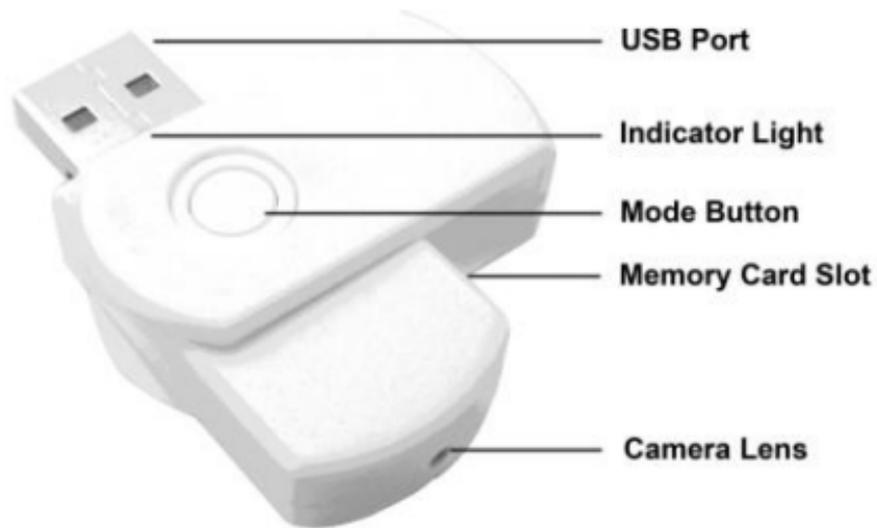The inner lithium battery allows for up to one hour of video recording time.

● **Motion Detection Video Recording**

When an object moves in front of the camera, the DVR will quickly begin recording the object in motion.

● **Record Video While Charging**

Can record in continuous or motion mode while charging.

Product Diagram

- USB Port
- Indicator Light
- Mode Button
- Memory Card Slot
- Camera Lens

Basic Functions

1. **Turn On:** Press and hold the mode button for approximately 2 seconds. The indicator light will come on as the device searches for a memory card.

Card Inserted: The indicator light will flash once and then stay lit. This means the device is in Standby mode and is ready to be operated by the user.

No Card: The device will turn off after the indicator light flashes three times.

Full Card: The device will turn off after the indicator light flashes six times.

2. **Take Pictures**: When the device is in Standby mode, short press the mode button twice in a row. The light will flash once indicating the picture is saved to the memory card and the device is back in Standby mode.

3. **Record Video**: When the device is in Standby mode, short press the mode button once. While recording, the indicator light will flash slowly to remind you that it is in video mode. Short press the button again to save video and put the device back into Standby mode.

The maximum single file length is 30 minutes, after which a new file is started. The DVR will automatically stop recording if the memory card is full or the battery is low, powering off immediately after the video file is saved.

4. **Low Battery**: To prevent possible corruption of any saved files, the charge level of the lithium battery is constantly monitored. If the battery is low, the device will flash the indicator light three times in a row and then immediately power off. In this case, the user should charge unit before powering it on again.

5. **Turn Off**: In Standby mode, press and hold the mode button for approximately three seconds. The indicator light will flash two times in a row, and the device will power off.

In Standby mode, to save power the device will power off automatically after one minute without activity.

6. **Flash Drive**: With the device turned off, connect it to a computer USB port. In this mode, you can access the files from your computer like any other type of removable storage.

7. **Webcam Mode**: With the device turned off, connect it to a computer USB port and short press the mode button once. The computer may install drivers before the device is available to be used as a webcam.

8. **Time Stamp:** The device is capable of taking pictures and videos with a time and date stamp. To modify the time stamp, follow the steps below:

   -Turn off the device, connect it to a computer USB port, and search for the text file: *time.txt* in the root directory of the device memory card.

   -The content of the file is: *2012-05-01 23:59:59*. Modify the time and date in this format, save the text file, and then safely eject the device from the computer.

   -Turn on the device. Upon powering on, the new time and date will be saved to the device memory.

9. **Charging the Battery**: The device can be charged by connecting it to a computer or other 5V charger with a USB cable. If the indicator light flashes, it means that the device is being charged. If the indicator light stays on, it means that the device is fully charged. The charge time is approximately 2-3 hours.

10. **Recording While Charging:** With the device turned on and in Standby mode, connect it to a computer USB port. The DVR will now be in Motion Detection mode. When motion occurs in front of and is detected by the camera, video recording will begin. While recording, the indicator light will flash slowly. Recording will continue for as long as motion is detected, but will stop 2 minutes after motion is no longer detected. The maximum file length is 30 minutes, after which a new file is started and the recording continues. When not recording and monitoring for motion, the indicator light will flash quickly.

Motion Detection mode can be exited into Standby mode. To enter Standby mode, short press the mode button once. The mode button may now be used to start and stop recordings or to take pictures, as detailed in prior instructions.

11. Instructions of the LED Indicator Light:

-*No Card*: LED indicator light shuts off after flashing 3 times.

-*Full Card*: LED indicator light shuts off after flashing for 6 times.

-*Standby*: LED indicator stays on.

-*Motion Detection Standby*: LED indicator flashes quickly.

-*Video Recording*: LED indicator light flashes slowly.

-*Low Battery*: LED indicator light will shut off in a default way 3 times (the default way: the first two flashes is 0.5 seconds earlier than the third one).

-*Charging*: LED indicator light flashing slowly.

-*Full Charge*: LED indicator light stays lit.

Specifications

Video Format	AVI
Video Resolution	1280*960
Frame Rate of Video	30 fps
Picture Format	JPG
Picture Resolution	1600*1200
Battery Life	60 minutes(approx.)
Charging Voltage	DC 5V
Types of Ports	USB 2.0
Memory Card Slot	Micro SD