



# Spy Pen Video Camera

## User Guide

### Included:

- >> Spy Pen Video Camera (comes in two parts that screw together – pen unit and camera unit)
- >> USB cable
- >> Software CD

### Features:

- >> Pen-design for easy concealment
- >> Great video recording performance
- >> Also records audio
- >> 352x288 resolution
- >> Built-in high capacity Li-Ion rechargeable battery
- >> Built-in flash memory (2gig or 4 gig)



### Operating Instructions

#### To Start:

Press the switch on the top of the pen. After three seconds a yellow light will display on the back of the pen. This indicates that power is on and it is ready.

#### Recording:

After you have switched the power on, wait for 5 seconds and the indicator light will turn blue and recording will have automatically started.

#### Stopping and Saving Video Files:

When the pen is recording and the light is blue, press the switch on the top of the pen again. The blue light will turn yellow and the video file will be automatically saved.

The light will stay yellow to indicate that the camera is in standby mode. It will shut down automatically after 15 seconds if you do not press the switch again.

If you want to start recording when in standby mode press the switch again. After approximately two seconds the yellow light will turn blue to indicate that recording has started again.

You can continue to do this until you switch the power off. Video files will automatically be saved to memory.

### **Shutting Down:**

When the camera is in standby mode, it will shut down automatically after 15 seconds if the switch is not pressed.

When you are recording, you can shut it down by pressing and holding the switch for 2 seconds, until the blue light turns off. Video files will then be automatically saved and the pen will switch off.

### **Playback:**

Connect the pen to the USB port of a computer. It will display in 'My Computer' as an external removable disk drive.

Open the folder 'Movie/Record'. Video files will be saved in this folder. Click on these, or select your computer's video playback software to play these.

You may need a codec file to display these correctly. The CD driver disk that comes with your Spy Pen Camcorder includes an activex file called 'ffdshow' that you can install on your PC to play videos in Windows Media Player.

Alternatively we recommend that you download video playback software such as 'VLC' from the Internet, which can also play video files saved by your Spy Pen Camcorder.

### **Charging:**

If the yellow light is continually on when you are using the pen, this means that it requires charging.

Press and hold the switch for 2 seconds to shut it down. The pen has a standard USB interface, so that you can connect it to a computer to charge.

- When you charge the pen by connecting it to a computer, the yellow light displaying continuously means that it is charging. When this switches off, charging is complete.

### **Time Stamp Setting:**

Video files made by this pen camcorder will include a timestamp watermark. This will need setting correctly.

To do this:

- Shut down your pen and connect it to your computer.
- On the CD supplied, there is a programme called 'GetSysTime'.
- Double-click on this and a dialogue box will open that will allow you to synchronise the timestamp on your pen with your computer's system time.

Note:- when the pen is unplugged after recharging, the light will turn yellow for a short time and then switch off. This is normal.

### **Technical Specifications:**

Video Compression: AVI video format. 352x288CIF

Read/Write Speed: 2M~5M per second.

Compatible With: Windows 98 SE/ME/2000/XP/MAC OSX/Linux

Video File Size: Approximately 2MG per minute.

Record Time: Up to 15 hours – 2GIG version.

Working Time: Approximately one hour recording on full charge. This may decrease after time.

Battery Type: Lithium Ion.

Charging Voltage: DC-5V

Interface: USB 2.0

Capacity: 2GIG or 4 GIG (depending on model chosen)

### **Important Information**

- Please abide by the laws of your country or state regarding covert surveillance. The suppliers and manufacturers take no responsibility for illicit use.
- Working environment: not suitable for use in extreme weather conditions.
- Humidity: this product is not waterproof. Do not use outdoors in rain or in humid environments.
- Lighting: The camera will only operate when there is sufficient ambient light. Do not point it directly at bright lights, or the sun, as this may damage the camera.
- Not suitable for use in excessively dusty or sandy environments.
- This is a precision electronic item. It can be damaged by strong electrical or magnetic fields, such as those generated near HiFi speakers.

## Frequently Asked Questions:

**Q: Why does the pen not work if I press the switch continuously?**

**A:** *This product is designed to work with only one switch. This controls on/off, and start/stop recording functions. Please read the instructions for full details of how to use these functions correctly.*

**Q: Why do my recordings have sound but no picture?**

**A:** *It's possible that the camera in the pen is not correctly aligned with the hole and the lens has been blocked. Use a small toothpick or adjust the angle of the lens. Do not use a paperclip or metal pin as this may damage the lens.*

**Q: Why can my Spy Pen Video Camera not be found when connected to my computer?**

**A:** *Please check that you have correctly installed the driver CD.*

**Q: Why is the timestamp showing the incorrect time even after I have adjusted it?**

**A:** *The time will reset if the pen completely runs out of battery. If the battery is completely run down, you will need to reset the time, as shown above.*

**Q: What should I do if my Spy Pen Video Camera stops working?**

**A:** *Insert a pin or other pointed object into the small hole on the back of the camera, below the indicator light, to press the reset switch. The original settings will then be restored.*



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Ruislip, Middlesex, HA4 0EJ, UK

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