

Spy Car Remote / Key DVR with Motion Detector
Model # DVRS818
Instruction Manual

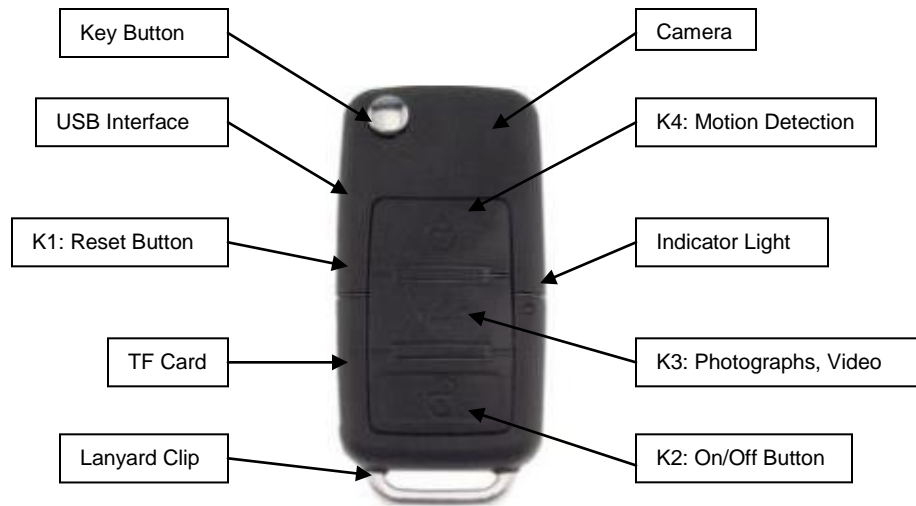


Figure 1: Spy Car Remote / Key DVR Diagram

I. Operating Instructions

A. Turn On

Be sure the TF card is inserted. Press and hold the On/Off button (K2). The red light will come on and the blue light will come on. When the blue light goes out and the red light stays on, the unit is on and in standby mode. (**NOTE:** if the unit is not used after about 3 minutes, it will turn itself off.)

B. Turn Off

Press and hold K2 until the red and blue lights flash 3 times together and go out. The unit will save files and turn off.

C. Camera Mode

1. Taking Pictures

From standby mode, press and release K3. The red light will go out and come back on, indicating that a photo was taken. Each time K3 is pressed, a photo will be taken.

2. Recording Video

From standby mode, press and hold K3 until the red light flashes 6 times and goes out. This means the unit is now recording video. To stop recording, press K2. The video will be saved and the red light will come on and stay on, indicating the unit is now in standby mode again.

3. Motion Detection Camera

From standby mode, press and hold button K4 until the blue/red lights begin flashing. After the lights flash 6 times and go out, the unit is in motion-detection mode. When motion is detected, the blue indicator light will flash once and the camera will begin

recording. To stop recording and save video, press K2. The steady red light will come on and the unit will be in standby mode. (**NOTE:** If the camera is left in motion-detection mode, it will record until motion is no longer detected, then shut off automatically).

4. Computer Network Camera

Install the PC Camera driver from the CD (STK02N2.4.1.exe). To use the unit as a PC camera, turn on power to the DVR and connect to computer using the USB cable. Go to "My Computer" and double-click "Standard Camera" under "Scanners and Cameras". A window will open and you will see the PC camera is now operating. **NOTE:** Removing the memory card and connecting to computer will also allow you to use the DVR as a PC camera.

D. Removable Disk

This unit can be used as a portable storage device, but it is recommended to save your files to another location and keep your files backed up.

Be sure the TF card is installed, turn the power off to the device, and plug into your computer using the USB cable. A window giving you several options will pop up or you can go to "My Computer", "Devices with Removable Storage", and click on the "E" drive to access and manage your files.

To disconnect from the computer, right click the "Safely Remove Hardware" icon at the bottom of your screen. Click "Stop", select "Syntek USB MSDC USB Device", and click "OK". A balloon will pop up to let you know it is now safe to unplug your device from the USB port.

E. Charging the Battery

(**NOTE:** It is recommended to fully charge and fully discharge the battery for the first 5 charges. This will allow the battery to reach maximum capacity.)

Turn off the DVR power and connect to the computer using the USB cable. Follow the steps above to "Safely Remove Hardware", but leave the unit plugged in. This is charging mode, indicated by the steady red light and flashing blue light. When the battery is charged, the blue light will go out, leaving the red light on. It is recommended to charge for 30 to 60 minutes longer after the blue light stops flashing.

F. Changing the Time

Video time and date can be set by the following procedure:

Turn off DVR power and connect to your computer using the USB cable. Once your hardware is recognized, insert the CD that came with the product. Open the "time setting" folder and double-click the "WriteTime" file. A window will pop up where "E" should be the device ("E" is the drive). Note: There has to be a letter in "Devices". Next, click "Update". The status will say "Updating time..." and a box will pop up saying "Update Devices: 1". Click "OK". The Status says "Update Time Finished!" Click "Quit".

Access the drive that contains your DVR. Open the file named "time" and make sure that the date and time are correct, then save the file. Disconnect the DVR from your computer using the proper procedure. Turn on the DVR power and turn it back off. The date and time should now be set and will show correctly on the video that you record.

NOTE: An alternative method is to create a text file, name it "time", and save it to your device's drive. This will bypass several steps, but you have to enter the information correctly:

YYYY-MM-DD<space>HH:MM:SS

This can be used if your CD is lost or damaged.

G. Troubleshooting

Problem: Red light flashes continuously upon power up – TF card is not inserted or is damaged.

Solution: Turn off DVR power and insert the TF card or obtain a new card. Reboot.

Problem: Red light flashes quickly for about 3 seconds – battery is low and unit has saved files and shut down. **Solution:** Charge the battery to continue using.

Problem: The unit stops responding. **Solution:** Press K1 to reset.

H. Relevant Parameters

Video format	AVI
Video coding	M-JPEG
Video resolution	640x480, 720x480, 1280x960 VGA
Video frame rate	30 fps
Playback software	Mainstream audio and video playback software
Picture format	JPG 2560x1920
Pictures	5M pix
Image ratio	4:3
Support system	Windows ME/2000 XP 2003/Vista: M
Battery capacity	300 mAh
Working hours	About 90 minutes
Charging voltage	DC 5V
Interface type	MINI 5pin USB
Storage support	Micro SD card
Battery type	High-capacity lithium polymer

I. Notice

- Please note that it is the responsibility of the customer to check all local, state, and federal laws governing the use of video spy (hidden) cameras (with or without audio) before ordering and/or using hidden or covert video and/or audio surveillance equipment. In most states, hidden video surveillance is legal, as long as it is not done in an area where reasonable privacy is expected. These areas include, but are not limited to, bathrooms, bedrooms and dressing rooms. In most states, video surveillance does not require the consent of parties involved. However, in some states, the use of audio recording or surveillance requires consent of all parties involved. There are also various federal and state laws regulating the use and possession of some types of audio surveillance equipment. We recommend that you check all local, state, and federal laws regarding the use of video spy (hidden) cameras with or without audio.
- The battery will need to be charged if the unit is not used for a while.
- This unit should not be used as primary storage for your files. Important files should be loaded onto your computer's hard drive and regular back ups should be done.
- This is not a professional video recording device and may not produce professional quality videos.
- This product should not be used in extreme hot or cold temperatures.
- Use this product in sufficient lighting, but do not aim it directly at the sun or other strong light sources, as the optical components may be damaged.
- Do not use this product in extremely dusty environments.
- This product should not be used near strong magnetic or electrical fields. It also cannot withstand strong impacts or vibrations.