kogan
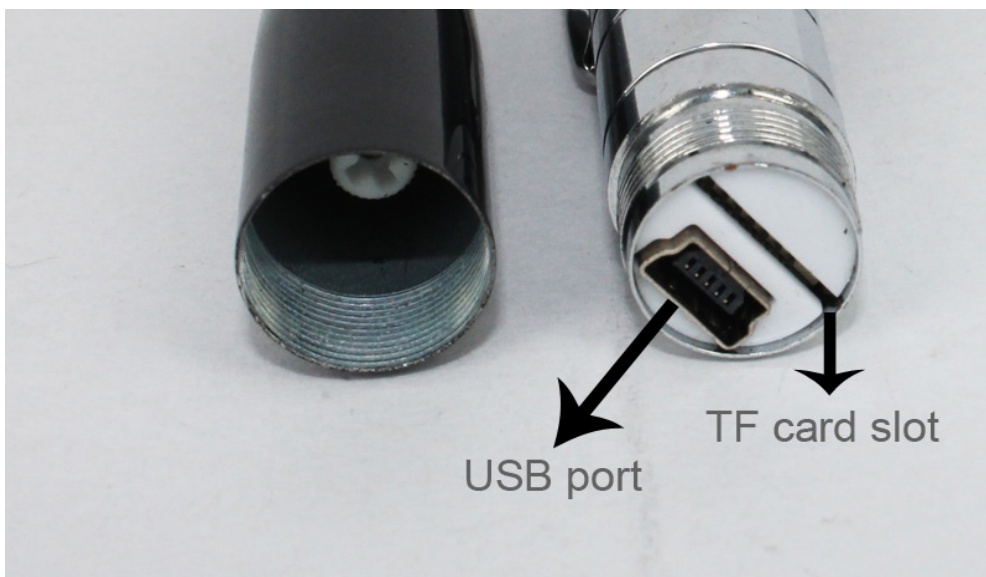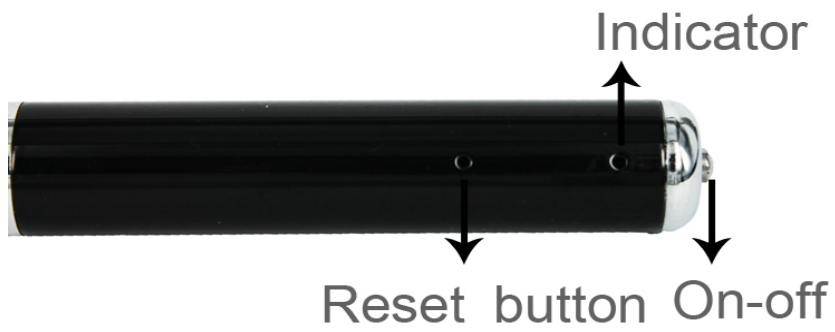
Spy Pen

KAPEN4GSPYB

USER MANUAL

A. **Introduction**

Thank you for purchasing this product, It is a digital pen with HD video shooting. It can shoot and store High-quality audio & video. It has the advantage of simple operation, small construction, elegant design and portability. It's an indispensable device in business, education, security, media, justice, travel, medicine, life and other fields.

B. Product Profile

Indicator

Reset button   On-off

Microphone

Camera

USB port

TF card slot

C. Instructions

1. Turn on or off and Saving Video File:

1 - Unscrew the Pen Camera, insert the TF Card into the TF Card Slot.

2 - Press and hold the button on top of the Pen Camera for 2 seconds, then a yellow indicator light will display. It is now powered on and in Standby. Once the indicator is light on, press and hold the button for 4 seconds and the yellow light will flash. The Pen Camera will save the video file automatically and shutdown.

2. Video Recording and Taking Photo:

After turning on the camera, the indicator light will be yellow. Press the button once quickly and the camera will take one picture. At this point the light will be back to yellow again. Press the button for 2 seconds and the yellow light will flash 3 times and go off and will then begin to take video. Press again to stop the video and save the file. In order to ensure the document's size and quality, the system will save the video files automatically every 15 minutes and continue video recording.

3. Connect to Computer:

At the state of being turned off or in standby, the pen can be connected to computer. The pen will appear on the computer as a Removable Disk, which can be opened to display the photo and video files saved there. When the camera is transferring data with the computer, the red light will blink. When disconnecting the camera, please click the "Safely Remove Hardware" icon which is on the lower right corner of the computer screen. After the system has completed this operation, you can disconnect the camera from the computer.

4. Charge:

connect the USB port of the computer and the camera will be charged. When the battery is charging the yellow light will be on and the red light blink slowly. Once the battery is full, the red light will be off.

5. Set the time:

Create a "txt" file under root directory of the memory Card named "Time.txt". Open the "time" text document, and input the time settings string, the string is composed of "Year-Month-Day", then a single space, followed by, " hours:minutes:seconds".

For example:

 2012-08-16 13:26:20

After that the text will be deleted by system automatically and the time will automatically run when you restart the machine for another recording.

To use it as a Plug-and-Play Webcam: insert Micro SD Card into the card slot, power on the pen camera, connect it to PC by USB Cable and it will show up as a USB Pen Drive. Hold the button till it shows as a Plug-and-Play Webcam by using skype or "amcap" to open it.

D. Exception Handling:

When the storage space of the camera is filled up, the red light and blue light blink for about 5 seconds at the same time, it will save the present video files automatically and turn off. If you want to use the camera again, please back-up the important video files to your computer and delete the older files in the camera to make more space.

When the power stored in the battery is low, the red light and blue light blink for about 5 seconds alternately, it will save the present video files automatically and turn off. If you want to use the camera again, please recharge it.

If the camera has no any response because of improper operation or other special reasons,yo u can press the reset button with a toothpick or other non-metal bar.

E. Technical Specification

Subject	Technical Specification
Video Resolution	720x480
Video Format	AVI
Picture Resolution	1280*960
Picture Format	JPEG
Video frame rate	30fps±1fps
Video Player	The Recording file will comply with all Major video players
Image Scaling	4:3
Support system	Windows ME/2000/XP/2003/Vista/7
Charging voltage	DC-5V
Interface-type	Mini USB port
Memory	External TF card
Battery type	High-capacity polymer lithium battery

F. Notes

a) **Recording Situations:** please comply with the relevant state laws strictly. The product shall not be used for illegal purposes.

b) **About the battery**: The longer this product is being used, the working time of the battery will decrease over time. If you don't use it for long time, please recharge it fully before using.

c) **File security** : The product is not a professional storage device, it won't warrant the completeness and safety of the stored files. Please back-up the important files in your computer or other storage device.

d) **Video quality**：The product is not professional video device, so we don't assure you that the video quality will be amazing.

e) **Working temperature**：0—40°C。

f) **Working Humidity**：20%—80%，Please don't operate the product under a humid working environment. Additionally, the product is not water resistant.

g) **Film intensity**：In order to protect the optical device from thhard light, please don't direct this product to the sunlight or other strong light sources directly.

h) **Health cleaning requirements:**In order to make the camera lens or other parts free from dust and don't affect the video quality, please don't use it in an environment of high density of dust. You can brush the camera lens with lens paper or eye cloth.

i) **Other issue**：The product is precision electronic product, so please don't subject it to shaking or other forms of trauma. Please don't use it near high magnetic fields or high electric fields.

j) **Supplement**：If you have any questions, please contact Kogan.