

General Introduction:

The world's smallest micro-camera DVR, hidden in a pen inside, taking pictures with a video recording function, high-definition camera effects, beautiful appearance, smooth ball-point pen to write capabilities to replace the standard cartridge, durable environmental protection. It is the perfect combination of high-end technology and traditional apply.

Features:

- ① Memory: 2G/4G/8G
- ② synchronously Video and recording, matching 30w-200w pixel sensor
- ③ High-definition of recording
- ④ Used as PC Camera
- ⑤ Taking photos
- ⑥ Used as U disk
- ⑦ Computer USB charger
- ⑧ Video format: AVI, (windows media player or Storm player , no drive, no external power supply).

Technical indexes:

- **Picture resolution: VGA 640*480**
- **Sensor: VGA/CIF CMOS or CCD**
- **Frame/S: 30fps**
- **Recording sample rate: 12bit 16KHz**
- **Video output: AVI**
- **Super low lux**

Operation:

1. **Trun on &Vedio:** make a long click (over 3 seconds) on the button, the blue lights for some while, then it automatically turns into yellow, they yellow light blinks
2. **Vedio Pause:** During the vedio status, short click on the button, vedio stops and file saved, yellow light stops blink to blue, the pen goes into standby mode. If you want to recording again, just need to short click on the button, then the yellow light blinks.
3. **Mode switch:** On the standby mode, short click on the button for 3 times, then it goes into shooting photos, blue and yellow lights blink in rotation, conversely, short click on the button for 3 times, it back into recording status, lights turn blue.

4. **Take photos:** on the shooting status, short click on the button, blue light blinks, the photo save, then blue and yellow lights blink in rotation again.

5. **Automatically Saved:**

a) when the disk space full: Recording stops and files saved automatically, blue and yellow lights blink in rotation for 8 seconds before shutdown

b) Low voltage: Recording stops and file saved, blue light blinks around 8 seconds before shutdown.

c) Recording over 1 hour, it stops and file saved, yellow light off and blue light on for 3 seconds, then turn to yellow light again, next recording continues.

6. **Automatically shutdown:** refer to tips 5 (a)、(b) ; on the shooting or recording status, no any operation without 3 minutes.

7. **Shutdown:** During any status, long click the button.

9. **PC Camera:** on the shutdown mode, long click on the button, then connect to the computer (driver needed to be installed)

10. **Charge:** During the shutdown and standby mode, connect the pen camera to computer, or connect with charger, the blue light blinks during charging, the lights turn yellow when the battery fully charged.

11. Reset: If the pen happens to arise with the below problems, Please use something else to press the reset, then every problem will be solved:

A: Fail to find the disk when connected with computer

B: The pen DVR freeze

C: Fail to be charged

D: Breakdown

12: **Time-setting:**

A. Set up a TXT file name "TIMECFG.TXT", content including TIME, 2009/06/19/11:15:30; (the format must be in this way)

B. Copy the file to the directly root of the pen

C. Disconnect the video pen and shut down, the time setting is finished

