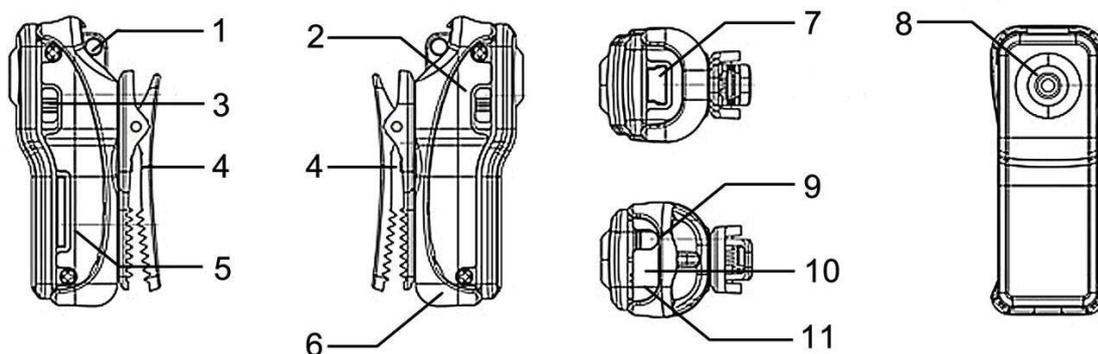


MINI DV instruction manual (shift detection + voice control dual function)

一. Overview

Description of core components



1. lanyard hole 2. power switch 3. mode switch 4. clip 5. Micro SD 6. clip 7. Mini USB interface 8. camera 9. operation button 10. status indicator 11. microphone hole

二. Operation instruction

1. charge:

This unit has a built-in rechargeable lithium battery. When using the unit for the first time, please charge it. MINI DV can be charged in the following ways:

1). connect the computer to charge, use the USB data cable to connect the computer, then you can charge

2). (no memory card case) use a charger to charge, make the USB data cable connected with the charger seat and insert the charger into the electrical outlet, then you can charge.

2. Note: When the battery power is low, it will directly enter the protection state, then it can not boot. In this case, charge the unit.

2. Boot and video

Press and hold the Power button for 2 seconds, the blue light is on and the unit is on. Long press the top Record / Stop button for 2 seconds, the blue light off, the machine began to camera, recording file resolution: 1280 * 960, frame number 30fps / S. And then press the Record / Stop key t

o stop recording, and it will automatically save the file, after saving the blue light keep normally on, if you want to continue recording, please press and hold 2 seconds Record / Stop key again.

Tips:

A. Be sure to confirm that the DV has been inserted in the T-flash (Micro SD) card, if not inserted, DV will automatically shut down after 30 seconds.

B.T-flash (Micro SD) maximum capacity of 32GB

C. Save the file for a certain period of time. Do not press the operation key continuously while saving. That will cause the recorded file to be saved unsuccessful and make the generated file incomplete.

D. Please keep the lens at the distance of 50cm or more in the environment of adequate lighting. In this way, you will get correct, natural color, clear and stable picture.

3. Camera function:

Press and hold the Power button for 2 seconds, the blue light is on and the unit is on. Short press the top Record / Stop button, blue light on but the red light flash, after taking pictures it will preserve automatically. Photo frame resolution: 1280 * 1024, if you want to continue taking pictures, please press the Record / Stop button again.

4. Motion detection camera

Press the Power key for 2 seconds, the blue light is on, the machine is in the power on, state then press the MODE key for 2 seconds, you can switch to the motion detection camera mode, this time the blue light is bright, red light slow flash (Motion detection standby mode), when something in front the lens has movement within 3 meters, the machine automatically start recording, then red and blue lights flashing three times after the extinguished (indicating motion detection camera) 2 minutes after the object does not move back to standby (Blue light often on but red light slow flash), If another object mobile machine again off the lights began to video. Press the MODE button to save the recording file and exit the motion detection mode.

5. Voice detection camera

Press the Power button for 2 seconds, the blue light is on, the machine is in the power on, then press the MODE button briefly, you can switch to the voice camera mode, this time the blue light is long, red light slow flash (voice standby Mode), when the sound reaches 60 decibels, the machine automatically starts recording, then red and blue lights flashing after three off (indicating voice detection camera) 2 minutes after no sound automatically back to standby (blue light often red light slow Flash), such as another sound machine once again off the lights began to video. Press the MODE button to save the recording file and exit the voice detection mode.

6. Time setting

Specific usage is as follows:

1. connected to the computer, in the root directory it will automatically generate a file which called TAG.TXT text document

2. open the TAG.TXT document, in strict accordance with the format in the document, write the synchronize time

The specific format is as follows:

2012-01-01 12: 00: 00

Each time the system starts, the system will self-test and analyze the TAG.TXT document, and according to the time inside, set the system time, after setting up, the system will automatically delete this document!

7. Shut down

In the camera state or standby mode, press the Power button briefly, release the button, until the light goes off, it means the machine has been shut down

8. Automatic shutdown function:

In the following cases: MINI DV will automatically save the video data, and automatically shut down:

A. If you are taking pictures, if the battery is low, the system will save the video content, and then automatically shut down.

B. When the MINI DV disk space is full, the light will flash and the machine will automatically save the file and turn off automatically.

C. In standby mode, 45 seconds without any operation, the system will automatically shut down.

9. Connect to the computer

In the shutdown state, standby state or camera state, it can be directly connected to the computer, after connecting to the computer it can be used as U disk which can be free copy of the file, cut and paste, delete.

10. Video while charging: at the off state

(Plug the TF memory card), with the USB data cable and charger to connect the charge, then the camera (blue light flash after a few off), the camera automatically starts and automatically record, save the video is short Press the top key Record / Stop to return to standby (long blue).

11. Cycle video: video for 10 minutes a video file, if the memory card stored full of video, the latter part of the video file will automatically cycle through the front video files.

12. Reset:

When the unit is not working properly due to illegal operation or other unexplained reasons, the product needs to be reset.

The specific method of operation is: with a thin bar directly press the reset button, you can achieve a reset operation.

13. Precautions

Use: Please strictly abide by the relevant state laws, shall not be used for any illegal use of this product, or at your own risk.

Operating temperature: Please use at natural temperature, do not work at temperatures that cannot be adapted..

Working humidity: Please use it in the environment where the human life is suitable. Do not place the product in the wet working environment. Do not have the waterproof function. Please avoid the product..

Shoot the illumination: Please use the environment with sufficient light source. Do not use the camera directly at the super light source such as the sun to avoid damage to the optical device.

Cleaning requirements: Do not use too much dust in the environment, so as not to contaminate the lens and other parts of the dust, affecting the camera.

Disposal: Please pay attention to environmental protection, do not arbitrarily discard the product. Do not throw this product in fire to avoid an explosion.

三. Related parameters

Project	Related parameters
Video format	AVI
Video encoding	M- JPEG
Video resolution	1280*960 VGA
Photo resolution	1280*1024 VGA
Video frame rate	30fps±1fps
Play software	Operating system comes with or mainstream audio and video playback soft
Support system	Windows me/2000/XP/2003/vista:Mac os10.4;
Charging voltage	DC-5V
Storage Support	Micro SD Card(TF Card)
Battery Type	High capacity polymer lithium battery