MINI DV D005

User Manual

Thank you for purchasing MINI DV—D005. It has adopted unique ultra-portable design, which makes it apply to every area. MINI DV—D005 brings more convenience, safety and funs to your daily life.

I   Characters of Product

- It has small contour design, which does UV spray finishing for the whole body. It is very fashionable and wearable and matches with all kinds of portable tools.
- Support PC camera and chatting function.
- Support AVI video format.
- It can carry out high definition image recording under low illumination.
- Support 30 fps for 720*480
- Support USB1.1 and USB2.0.
- Support 16GB T-flash card.(maximum)
- Build-in lithium battery which can make a video more than 75 minute（one equal capacity battery free）

II Operation Guide

1. Charge

The battery is built-in lithium rechargeable battery, so when you use it the first time, please charge firstly. The method for charging as following:

1.) Connect computer: use USB cable to connect the computer, then it can be charged.

2.) Use adaptor: connect charger plug with USB cable, then plug into electrical connector receptacle, it can be charged.

When you charge it, green light and red light will bright simultaneously, of which states are stillness.

Notice: when battery power is not enough, D005 will enter into protection mode, so it cannot be turn on. Now, please charge for it.

2. Boot-strap/ Sound control video

Please confirm already insert the TF card in the slot.

Push "ON/OFF" button to "ON", Press "M" to starting up the product. Red indicator light begins to bright, now it enters into Enter sonic video standby mode, Means the product on directly default for sonic video modes after startup,D005 will automatic video recording When the voice more than 60 decibels .Red indicator light often bright and Blue indicator light flashing slowly, start video recording, Each video recording the shortest time for 120 seconds, After 120 second ,D005 will Continuous recording when the voice continue more than 60 db;D005 will goes to standby mode when haven't 60 db voice .

The resolution for video file is 720 * 480, and frame number is 29--30fps/S.

Notice:

a.   Please make sure T-flash (Micro SD) card has been inserted, if not, it will be power off automatically after 15 seconds, And easy to cause system halted

b.   The maximum capacity of T-flash card is 16GB.

c.   Saving file needs certain time, so please don't press Operation button continuously in order to avoid saving unsmoothly and generating incomplete file.

d.   When you make a video, please focus on the object and keep 50cm under sufficient illumination. Then the video will be right, natural color, clear and stable.

3. Camera shooting

Push "ON/OFF" button to "ON", Press "M" to starting up the product. Red indicator light begins to bright, now it enters into Enter sonic video standby mode. Press "M" , switch to Video mode. Then press "Record/stop" button, Red indicator light often bright and Blue indicator light flashing quickly, D005 began shooting. Then press "Record/stop" button, D005 standby and save the file. If need Photographing again, please press" Record/Stop" again.

The resolution for video file is 720 * 480, and frame number is 29--30fps/S.

4. Take Photos

Push "ON/OFF" button to "ON", Press "M" to starting up the product. Red indicator light begins to bright, now it enters into Enter sonic video standby mode. Press "M" , switch to

Video mode. Press "M" again,(Means: After startup Continuous press twice),switch to photographed model, Now press " Record/stop" button to start take photo. Red indicator light often bright, Blue indicator light flash once. Each take a photo ,the blue indicator light flash once. the camera resolution is 1280*1240.

5. Separate sound recording

Push "ON/OFF" button to "ON", Press "M" to starting up the product. Red indicator light begins to bright now it enters into Enter sonic video standby mode. Press "M" once, Into the video model ; Press "M" twice, Into the photographed model; Press "M" three times, Into the separate sound recording model. (Means: After startup Continuous press three times). Now press" Record /Stop" button start recording, at the same time, Both of Red indicator light and Blue indicator light are often bright, Into the Recording condition. Then Press " Record/Stop" to pause.

Notice :
1. Sound control video --Video—Record for circulation pattern，Indicator light is different, In order to distinguish the different patterns. Choose to enter a pattern, need pauses 2 ~ 3 seconds in each model.
2. Working in a certain mode. Please press " Record/stop" to save the file. Then Press "M", Switching function. If press "M" in working order, Maybe No times to save the file.

6. Power Off

In the pause, the Key in the "ON" , Holding "M" button to turn it off.

7．Time set

There is a CD with the product which contains a file named time synchronization file. Please copy it to TF card. When connect D001 with computer, whose time will be displayed with computer synchronously.
The detail as following:
1. build a text called TAG.TXT under root directory of card.
2. open TAG.TXT,write synchronous date according to enclosure stricktly.
    Details as following:
    [date]   need space with newline
    2009/07/22   need space with newline
    12：00：00
    Power on the machine everytime, system will check and analyse TAG.TXT, then set system time according to file time. After that the text will be deleted by system automatically.
    Push "ON/OFF" button to "OFF", Systems will be completely cut off the electricity. So, If need save right time. "ON/OFF" button need push to "ON", Then holding "M" button to turn it off.If Push to "OFF" to turn it off then need reset when next turn

8．Auto-power off function

MINI DV will save file and turn off automatically as following:
a.   When you shoot video without enough power, file will be saved automatically, then auto-power off.
b.   When disk space of MINI DV is not enoughn, after indicator goes out immediately, file will be saved automatically then auto-power off.

c. Under standby mode, without any operation in 45 seconds, it will be auto-power off.

9．Connecting computer

It can connects computer under power off mode, standby mode or video mode, after that which can be used as U disk, who can copy, cut and paste, delete file.

When you connect it with USB port, a portable disk mark will be seen after several seconds. Red indicator light always brights, yellow indicator light will be from flashed quickly to always brights.

Notice:

a. When you connect computer, if the machine cannot be identified, or not see the portable U disk mark in 30 seconds, please insert it again.

b. It is better copy or cut video file into computer hardware then play. Video file which is saved in the machine is played directly will cause unsmooth play, the reason is that gigantic data cannot be transmitted synchronously.

10. PC Camera

When you first use PC camera, please install driver. The driver name is SPCA1528_V2220_M…Setup.exe, which is placed in attached CD. When you install please double press this document, and as per guide to do. After that there will be an AMCAP icon on the computer desk.

Under power off or power on mode, use USB cable to connect computer, the mode is U disk mode. Then short press M button, at this moment it can be switched into PC camera mode. Then double press AMCAP icon can be used as PC camera.

11．Reset

When machine works abnormal for illegal operation or other unknown reasons, it needs to be reset.

1. Push "ON/OFF" to "OFF"

2. Directly out of batteries to reset, But often operation will affect the product battery performance. So, change the battery that's better in the shutdown model.

12. Charge

Three times before charging to charge more than 12 hours , make the battery to achieve maximum efficiency .

Start charging, Red indicator light often bright and blue indicator light flashing slowly. When charging 3 ~ 4 hours continuously fully charged ，blue indicator light are often bright。

13. Notice

Suitable using situation: Please follow State's law. Do not use it illegally.

Software upgrade: In order to make products have more function, manufacturer will perfect product software continuously. This product is convenient for customer to upgrade by themselves, so please contact with local retailer for the latest software information and upgrade method

Work temperature: Please use it under normal temperature and avoid using under unsuitable body temperature.

Work humidity: Please use it under agreeable human atmosphere humidity, Please not to make product wet or expose in rain for which without waterproop function.

Shooting illumination: Please use it under enough light sources; do not aim the camera at the sun and other strong light sources in order not to damage optical parts of an apparatus.

Cleaning requirements: Please not use the product under too large dust density atmosphere so as not to affect video effects for tainted lens and other parts.

Waste treatment: Please pay attention to protect environment, not to throw the product optionally. In order to avoid explosion, please not throw product into fire.