

# MINI DV

## User Manual



Thank you for purchasing MINI DV TP-20. It has adopted unique ultra-portable design, which makes it apply to every area. MINI DV brings more convenience, safety and fun 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 video shoot and output.
- Support USB2.0.
- Support 16GB T-flash card.(maximum)
- Build-in lithium battery which can make a video more than 90mins,
- Plug and push usb design,,no need usb cable to connect pc.

## 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: connect the computer directly, then it can be charged.
- 2.) Use adaptor: connect charger plug directly, then plug into electrical connector receptacle, it can be charged.
- 3.) Three times before charging to charge more than 12 hours, make the battery to achieve maximum efficiency

Notice:

- 1: blue indicator will flash as charge, red indicator will bright and blue indicator stop flash as full,
- 2: when battery power is not enough, MINI DV will enter into protection mode, so it cannot be turn on. Now, please charge for it.

## **2. Power on to video**

Press Power button slightly, Blue indicator light begins to bright, red indicator will flash one time, now it enters into startup ready mode. Press Record / Stop button slightly, Blue indicator light begins to bright, red indicator light starts to flash slowly. At this time, it begins to make a video. The resolution for video file is 720\*480, and frame number is 29--30fps/S. Then short press Record / Stop button, video is stopped and saved automatically. After saving the blue indicator light remains light. If you need to continue to video, please press Record / Stop button slightly once more.

**Notice:**

- a. Please make sure T-flash (Micro SD) card has been inserted, if not, it will be power off automatically after 5 seconds.
- 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. Sound control video**

Press Power button slightly, Blue indicator light begins to bright, red indicator will flash one time, now it enters into startup ready mode. At that time, long press MODE button (about 5 seconds), and then you can switch into sound control video mode. Now Blue indicator light always brights, red indicator light flash quickly (indicate sound control standby mode). When decibel of video is more than 60db, then it will be video automatically. At the moment, Blue indicator light always brights, red indicator light flash slowly. (Indicate under sound control video)

When sound control starts, the shortest shoot time is 2 minutes. After 2 minutes, if there is no any sound, MINI DV will save file automatically and switch into standby mode. If there still has sound after 2 minutes, MINI DV will continue to shoot.

## **4. Power on to take picture**

Press Power button slightly, Blue indicator light begins to bright, red indicator will flash one time, now it enters into startup ready mode. At that time, press MODE button slightly, red indicator will flash one time to take a picture of jpg format

## **5. Power off**

Under video mode or standby mode, please long press Power button 3 seconds, then release till indicator goes out. Then the machine is turned off.

## **6. 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 enough, 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.
- d. it will be power off automatically after 5 seconds if power on without TF(mirco sd) card

## **7. 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. blue indicator light always brights, red 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.

## **8 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 MODE button, at this moment it can be switched into PC camera mode. Then double press AMCAP icon can be used as PC camera.

## **9. Reset**

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

The specific operation method as following:

Use slim pole to press the Reset button, and then finish one reset operation.

## **10. Notice**

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

**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 waterproof 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.

## **FCC STATEMENT**

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.