

# HD 1280X720P 高清遥控器摄像机说明书

感谢您购买 720P MINI DV，本机采用了独特的超便携式设计，使它可以应用在各个领域，为您带来方便，安全，丰富多彩的日常生活。



## 一. 产品特点

- 小巧的外形设计，对产品进行全机磨砂，时尚耐磨；配备各种便携工具
- 支持网络摄像头，具备网络聊天功能
- 支持 TV OUT 连接电视实时观看及录像
- 支持 AVI 的视频格式
- 在低照度下，可进行高清影像的录制
- 视频格式出厂默认为 1080\*720P 30 帧每秒，可通过 TXT 文本文件更改为 D1 720\*480 30 帧，VGA 640\*480 30 帧。
- 高速传输的 USB2.0 接口
- 最大可支持 64G 的 T-flash 卡
- 内置锂电池可持续摄像达 1 个小时左右，待机时间达 150 小时

## 二. 操作指南

### 1. 充电:

本机内置可充电锂电池,初次使用本机时,请先进行充电, DV 可以通过以下方式充电:

- 1), 连接电脑充电, 使用 USB 数据线与电脑连接, 即可充电。
- 2), 用充电器充电, 用 USB 数据线与充电器座连接, 再把充电器插上电插座, 即可充电。

充电时, 红灯闪烁表示充电, 红灯停止常亮表示冲饱。

注意: 当电池电量不足时, MINI DV 红蓝灯快闪 一会直接进入保护状态, (保存文件及自动关机) 录制文件已经保存, 此时, 请对本机进行充电。

### 2. 开机并录像

**请确认已将 T-F 卡插入产品中!**

然后, 短按“ON/OFF”键, 红蓝色指示灯同时亮后, 转蓝灯常亮本机进入待机状态。点按“VIDEO/CAMERA”键, 蓝灯闪烁一次, 即连拍照 1 张 (拍照像素为 3264X2499 800 万), 长按“VIDEO/CAMERA”键 2 秒左右需看到红灯开始闪烁, 既进入摄像; 红灯闪烁 3 次灭, 摄像仍在进行中 (AVI 录像分段保存 25 分钟为一个包, 不循环覆盖。每到 25 分钟自动生成一个 AVI 文件, 不用按键系统支持连续录制下一个 AVI 文件, 直到卡满或者电池用完为止。需停录像按任意键都可停止, 回到蓝灯常亮待机状态, 已保存录制文件。如果需要继续录制, 再次长按 2 秒左右“VIDEO/CAMERA”键, 看到红灯闪烁 4 次进入再次录像。

摄录文件解晰度为: 1080\*720P, 720\*480 30 帧, 640\*480 30 帧。 帧数为 30fps/S。

注意:

- a. 请务必确认产品中已插入 T-flash (Micro SD)卡。如未插卡, 产品无法正常使用。
- b. T-flash (Micro SD)的最大使用容量为 64G

- c. 文件保存需要一定的时间，请勿在保存时连续按操作键等，这样会导致录制的文件无法顺利保存，并使生成的文件不完整。
- d. 请在充足照明的环境下，把镜头对准所摄对象，与被摄物保持 50cm 以上的距离，这样将会得到正确，色彩自然，景物清晰，画面稳定的影像。

**3. 录音：**在开机待机状态下点按一下开机键，蓝灯闪烁 3 下开始录音，录音时所有灯灭，按任意键停止录音，蓝灯常亮待机。

## 4. 时间及修改视频格式设置

具体用法如下：

通过 USB 连接电脑 U 盘模式修改时间及其他视频格式，附件光盘里面：一个文件名为 TIME.TXT 的文本文件，内容格式如：

- 1: 2011.09.08 11:38:00 Y1      视频格式是 640\*480
- 2: 2011.09.08 11:38:00 Y2      视频格式是 720\*480
- 3: 2011.09.08 11:38:00 Y3      视频格式是 1280\*720P

2011.09.08 11:38:00 Y ， 对应为（年.月.日 时.分.秒） ， Y 代表既有时间显示， N 代表为不需要时间水印显示。  
1 2 3 代表三种不同的视频格式。

将此文件复制到磁盘根目录，安全移除可移动存储设备后，开机录象新时间即可设置成功

## 5. 关机

在待机暂停状态下，长按“ON/OFF”键看到蓝色指示灯熄灭，关机。

## 6. 自动关机功能：

在下列情况下：产品将自动保存录像数据，并自动关机：

- a. 正在摄像时，如电量不足，系统会先保存录像内容，然后自动关机。
- b. 当 MINI DV—磁盘空间满时，指示灯瞬间闪动后，机器将自动保存文件，并自动关机。

## 7. 连接电脑

在关机状态，待机状态或者摄像状态下，均可直接连接电脑，连接电脑后可作为 U 盘使用，可自由进行文件的复制，剪贴，删除。

把本机插入电脑 USB 口，数秒后电脑将会弹出可移动磁盘标识，红色指示灯闪烁为充电及数据传输。

**提示：**

- a. 本机连接电脑后，如果电脑无法识别，或在 30 秒后仍未弹出可移动磁盘标识，请重新插拔一次。
- b. 建议把录好的视频文件复制或者剪切到电脑硬盘中再进行播放，直接播放保存在本录像机内置存储器里的视频文件，可能会因为数据量过大，传输跟不上，而导致播放不顺畅。

## 8. 连接 TV OUT 电视

在开机状态下待机状态下，插入 USB 连接本产品及另一端 TV 接口插入 TV 信号到电视机的 TV 口，电视机切换到 TV 1，出现画面，此时 TV 可以当作显示屏来观看及作为监控来拍照，录像，录音，等功能。

## 9. 电脑摄像头功能：

PC 摄像头功能（可选）

可当 PC 摄像头使用，使用前须安装驱动软件，在关机状态下按住功能键插入 USB 设备与电脑连接就会出现一个标准的视频设备，然后松开按住的功能键，此时就可当摄像头使用

## 10. 复位：

当本机因为非法操作或其它未明原因，工作不正常时，需要对产品进行复位。

具体操作方法是：用细杆直接按一下复位键，即可实现一次复位操作。

复位孔位于 USB 口与 T-F 卡中间。

## 11. 相关参数

项 目	相关参数
视频格式	AVI
视频编码	M-JPEG
视频分辨率	1280 * 720P HD 720*480 D1 640*480 VGA
视频帧率	30fps
播放软件	操作系统自带或主流影音播放软件
图片格式	JPG
图片像素	8M Pix
影像比例	4:3
支持系统	Windows me/2000/xp/2003/vista; Mac os; Linux;
电池容量	260mAh
工作时间	约 60 分钟左右
充电电压	DC-5V
接口类型	Mini 8Pin USB
存储支持	TF 卡
电池类型	大容量聚合物锂电

## 12. 注意事项

使用场合：敬请严格遵守国家相关法律，不得将此产品用于任何非法用途，否则后果自负。

软件升级：为了使产品具有更好的性能，厂家将不断完善产品软件，本产品具有方便客户自己升级软件的特点，请向当地经销商索取最新版本软件的信息以及升级方法。

**工作温度：**请在自然温度下使用，请勿在人体不能适应的温度下工作

**工作湿度：**请在人类适宜生活的环境湿度下使用，请勿将产品置于潮湿的工作环境，产品不具备防水功能，敬  
请避免使本产品淋水或暴露在雨水中

**拍摄照度：**请在有充足光源的环境下使用，请勿将摄像头直接对着太阳等超强光源，以免光学器件受损。

**保洁要求：**请勿在粉尘密度过大的环境下使用，以免镜头以及其它部件沾染粉尘，影响摄像效果

**废弃处理：**请注意环保，勿随意丢弃本产品。禁止把本产品投掷于火中，以免发生爆炸。

# HD 1280X720P HD remote video camera specification

Thank you for purchasing 720P MINI DV, the machine adopts unique super portable design, make it can be used in every field, bring you convenience, safety, rich and colorful daily life.



## 一. product characteristics.

- compact shape design of product, carry out the whole machine grinds arenaceous, fashionable wear-resisting, Equipped with various portable tools
- support network cameras, accumulate network chat function
- supportive TV watching TV real-time moments connection and video
- The video support AVI format
- in low illumination, can undertake high-definition video recording
- video format factory default for 1080 \* 720P 30 frames per second, through TXT text file changes for D1 720 \* 480 30 frames, VGA 640 \* 480 30 frames.
- high-speed transmission USB2.0 interface
- biggest can support 64G T - flash CARDS
- built-in lithium battery sustainable camera up to 1 hour or so, the standby time 150 hours

## 二. Operation guide

### 1. Charging:

This machine is built-in rechargeable lithium battery, first use this unit, please first charge DV - can through the following way charge:

- 1) conjunction computer charging, use USB connect with computer, can be recharged.
- 2) with the charger charging, with USB connection with the charger seat, then the charger plug in an electrical outlet, can be recharged.

Charge, the lights flashing blunt electricity, red light stop said ChangLiang said blunt enough.

Note: when the battery is insufficient, the dt-mini DV red blue lights flash - will directly into protection condition, (save the file and automatic shutdown) recording documents has been preserved, at this time, please to the local machine to carry on the charge.

### 2. Boot and video:

Please confirm will T - F card into the product!

Then, ON/OFF according to "short" button, red blue lights at the same time, after turn blue light shine ChangLiang the machine into the standby. Click "VIDEO CAMERA/blue lights flashing" button, once, namely even photographed 1 card (taking pictures for 3264X2499 800 million pixels), long press "VIDEO/CAMERA" button 2 seconds left to see the red lights flickered on, both into the CAMERA, The lights flashing 3 times out, CAMERA is still in progress (AVI VIDEO piecewise preservation for 25 minutes a package, no circulation covered. Each to 25 minutes automatically generate an AVI files, need not buttons systems support continuous recording next AVI files, until card up or battery done. Need to stop VIDEO press any key can stop, return to blue light ChangLiang standby has preserved recording documents. If need to continue the recording, again long press 2 seconds "VIDEO CAMERA" button to see/the lights flashing into 4 times again VIDEO.

Video files for: 190 \* enough degrees 720P, 7.2 \* 480 30 frames, 640 \* 480 30 frames. Frame number for 30fps/S.

Note:

- A. please be sure to confirm product already insert T - flash (Micro SD) card. If not insert CARDS, the product cannot normal use.
- B. T - flash (SD) of Micro capacity as the largest use 64G
- C. file save preservation needs certain time, don't do it when saving continuous press operational keys, such will cause the recorded file cannot be kept, and make smooth generated file is incomplete.
- D. please in sufficient lighting conditions, which focused on the plight of perturbation, and the subject like keeping 50cm distance over, this will get a correct, colour is natural, scenery is clear, the picture stable image.

**3. The recording:** on standby next click the boot keys, blue lights flashing 3 start recording, when recording all lamp, press any key to stop recording and blue lights ChangLiang standby.

#### **4. Time and modify video format setting**

Specific usage as follows:

Through the USB connection of computer U disk model modification TIME and other video format, annex CD inside: a file called a j TXT text files, content format such as:

1. 2011.09.08 11:38:0 Y1 video format is 640 \* 480
2. 2011.09.08 11:38:00 Y2 video format is 720 \* 480
3. 2011.09.08 11:38:00 Y3 video format is 1280 \* 720P

2011.09.08 11:38:00 Y, corresponding for (years. Months. Day. Points. Seconds), Y represent both time display, N stands for don't need time watermark display. 1 2 3 represent three different video format. This document copying to disk root directory, safety remove removable storage devices, boot video new time can set success.

#### **5. Shutdown :**

ON standby suspended state, long press "ON/OFF" button to see blue lights extinguished, shut down.

#### **6. Automatic shutdown function:**

Under the following circumstances: product will automatically preserve video data, and automatic shutdown:

A. are camera, such as electricity shortage, the system will be the first to preserve video content, then the automatic shutdown.

B. when the dt-mini DV - disk space full, the instantaneous flashing lights, the machine will automatically save files, and automatic shutdown

#### **7. Connect computers.**

In shutdown state, standby or camera condition, which can be directly connected to the computer, connect computers after can be used as U plate use, free for file copy, paste, delete.

The machine is inserted computer USB port, after a few seconds the computer will pop-up removable disk logo, red lights flashing for charging and data transmission.

Tip:

A. the machine connected computers after, if a computer can't identify, or in 30 seconds after still not popup removable disk logo, please try again inserted again.

B. suggested that the recorded video file copying or cut into computer hard disk again play, direct broadcast stored in this video in internal memory video files, may be because the data, large amount of transmission, which leads to the broadcast not keep up with smooth.

#### **8. Connections TV OUT TV:**

At boot condition under standby, insert USB connection of the product and the other end TV interface insert into the TV set signal of TV, the television cut to TV mouth, appear screen, at 1 to watch TV can be used as screen and as monitoring to take photos, video, sound recording, etc. Function.

#### **9 computer camera functions:**

PC camera functions (optional),

When the PC camera used, install the driver software must be used before, in the shutdown state holding function keys insert USB devices connected with the computer will appear a standard video equipment, and loosen the function keys, holding can be used when the camera

#### **10. The reset:**

When the machine is because the illegal operation or other reasons unknown, does not work properly, need to reset.

Specific operation method is: with fine bar directly click reset button, can achieve a reset operation. Reset hole with USB port located among card - F.



## 11. related parameters:

Item	Related parameters
Video format	AVI
Video coding	M - JPEG
Video resolution	1280 * 720P HD 720*480 D1 640*480 VGA
Video frame rate	30fps
Playback software	Operating system or mainstream video playback software cabin
Image format	JPG
Image in pixels	8M Pix
Image scale	4: 3
Support system	Windows 98, me / 2000 / xp / 2003 / vista, Mac OS, Linux,
Battery capacity	260mAh
Working time	About 60 minutes
Battery voltage	DC - 5V
Interface type	8Pin USB power
Storage support	TF card
Cell types	High capacity polymer lithium batteries

## 12. Note:

Usage: please strictly abide by relevant state laws, shall not be used for any illegal use this product, otherwise the consequence is proud.

Software upgrade: in order to make our products has better performance, the manufacturer will continuously improve products, this product has the convenient software upgrade client software, oneself to the local dealers, please the latest version of the software for information and upgrade method.

Working temperature: please in nature, temperature in the human body cannot adapt to temperatures  
Work on mankind suitable humidity: please use the living environment humidity, do not be in damp environment of the work product, the product does not have waterproof function, please keep this product pouring water or exposure in the rain

Filming illumination: please have adequate light source in the environment, do not use the camera to the sun directly illuminant, lest such super optics is damaged.

Cleaning: do not excessive dust density in the environment, lest use lens and other components, affect camera with dust

Waste treatment: please pay attention to environmental protection, not discarded products. This product in the fire, avoid throwing explosion.