



Mini DV HD
HD DIGITAL VIDEO RECORDER

Forward

Thank you for choosing HD digital video recorder, a mini DV with 1.44 inch TFT display enhance visibility during recording. This hand held portable product is suitable for use in various occasion and a best choice for gift.

This user manual provides installation, user guidelines and technical specifications, please read carefully before use and keep in good condition for reference. We hope this product will satisfy your requirement in digital recording in a long time.

Warranty

This product meets FCC & CE requirement to guarantee user safety.

Product Description

This is a mini HD digital video recorder with 1.44 inch TFT display, it is designed with leading functionality such as digital video and audio recording, USB data transfer, USB charging etc.

EU Environmental Protection

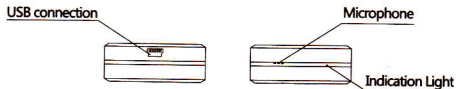
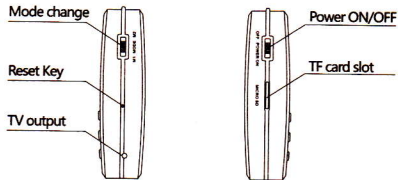
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist, Check with your Local Authority or retailer for recycling advice.



Product Characteristics

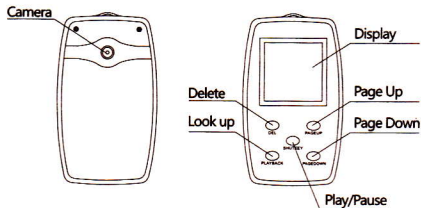
- ◆ Hand held mimi device
- ◆ PC camera with wide angle recording
- ◆ AVI format for PC direct replay
- ◆ JPG format picture:1280 × 960
- ◆ 2 mega pixals HD video camera
- ◆ Support 16G TF card
- ◆ High speed recording in rapid-change lighting environment
- ◆ Data port : USB1.1/USB2.0
- ◆ Video output: 640x480x30 per frame per second
- ◆ Support WindowsXP/VISTA/Windows7
- ◆ AV output and earphone connection
- ◆ Built-in Lithium battery with 2.5 hrs life
- ◆ Connect to PC as camera
- ◆ simple operation with single display. Auto turn-off

Product Structure



Reset Key

When the device is locked, use a metal pin to press the reset key to restore to normal.



LED light

Red light will on when connect to PC or power supply for battery charging. Red light will turn off when battery is full.

In video recording mode, the red light will flash slowly. For file saving and data exchange, the red light will flash quickly.

Product functions

Three working mode : video recording, photo taking, play back
(Insert Micro SD card before use)

Video recording

Turn Power button to ON, push mode button to M1, the device is ready for video recording. Push shutter key to start recording. Red dot on left top corner of display will blink, push shutter key again to stop recording and save.

Photo shooting

Turn Power button to ON, push mode button to M2, the device is ready for photo shooting. Camera icon will display on top left corner of display, push shutter key for photo shooting and save.

Play Back

When the device is ON, push PlayBack button, the device is ready to play. For AV, push shutter key to start. For photo review, push Page Up or Page Down to scroll.

File delete

File delete only available in PlayBack mode. Push DEL button to prompt deletion, push Page Down button to confirm deletion, push again to delete.

In Power ON mode, the battery icon on top right corner of display will blink for low battery. The device will save file and turn off automatically

In Power ON mode, display Insert Card icon if no memory card is detected. Disk Full will be displayed to alert memory full.

In Power On mode, the device to automatically turn off after 2 minutes.

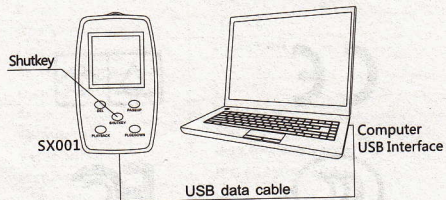
The device will be in USB drive mode when connect to PC. Connect to power supply for battery charging.

In Power OFF mode, hold shutkey, connect to PC to enter into PCCAM mode

Connect to TV with AV wire, for play back.

PC camera mode

To use as PC camera, install the program in the CD disk, in Power OFF mode, press Shutkey to enter into PC camera mode.



Connecting to PC without pressing Shutkey, the device will be recognized as USB for data sharing.

Production Certification



Slight temperature rise is normal when the device is charging.
Remove the charger from the base for traveling.

Specifications

Pixel	2.0 mega CMOS
View Angle	72°
Minimum lighting	1Lux
Battery capacity	370mAh
Continuous recording	2.5hrs
Power	200mA/3.7V (Max)
Operating temperature	-10° ~ 60°
Operating humidity	15-85%RH
Storing temperature	-10° ~ 70°
Display	1.44TFT
Memory card	Micro SD card (TFcard)
Memory size	16G max
Video format	AVI(640x480x30/frame/sec)
Picture format	JPG (1280× 960)
USB port	USB1.1/2.0
Operating System	WindowsXP/VISTA/Windows7
Charging time	Around 2 hrs
Weight	About 50g
Dimension	78x45x20mm

Production specification will be changed without prior notice.

Accessories

- 1.CD disk
- 2.Power Charger
- 3.USB data cable
- 4.TV output cable

前言

感谢你选用 高清数字录像机。本产品体积小巧，1.44寸TFT显示屏增加了录像的直观性。本产品携带方便，适合各种场合，也是送礼的好产品。

本用户手册将详细说明如何使用和安装本产品，同时提供给您详细的信息，包括使用、操作、安装注意事项及技术规格等。使用前请仔细阅读本手册，请妥善保存本手册，我们希望本产品能满足您的需求并长期服务于您！

产品保证

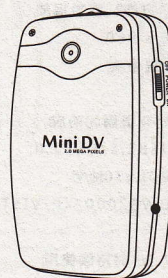
本产品经FCC&CE等权威机构认证符合推荐指标，顾客使用具有安全保证。

产品概述

此产品是一款带有1.44寸TFT显示屏的超小高清数码录像机，具有行业领先的数码录像、同步录音、USB数据传输、USB充电等功能。



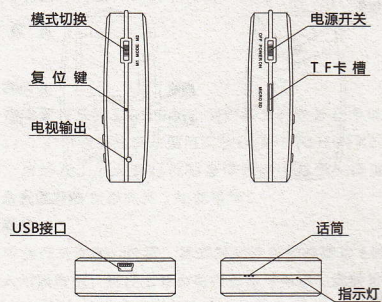
请勿乱扔废弃物，请回收利用！



产品特性

- > 超小机身设计, 携带方便;
- > PC摄像功能, 全角度录影, 轻松享受网络生活;
- > AVI格式视屏录制, 方便PC直接播放;
- > JPG图片格式: 1280 × 960;
- > 低照度, 200万高清摄像头;
- > 最大支持16GTF卡;
- > 高速动态录影, 明暗环境瞬间响应;
- > 数据线接口标准: USB1.1/USB2.0;
- > 视屏输出: 640x480px30帧/秒;
- > 支持系统: WINDOWS2000/XP/VISTA;
- > AV输出及耳机接口;
- > 内置锂电池, 可供2.5小时持续使用;
- > 能连接电脑当摄像头使用;
- > 傻瓜式操作, 一体化灯控指示, 自动关机。

产品结构



复位键

当操作不当导致死机时,用一金属棒触碰复位键就可恢复正常。

删除文件

文件只有在回放模式下才能被删除。一次按DEL键会提示是否确认删除。再按PAGEDOWN键，会提示是否要删除，再按则删除当前所回放的文件。

在开机状态下(无论何模式)、当检测到电池电量低、则屏右上方的电池符号会开始闪动、然后直接关机。关机前会保存当前文件(如果是录像或者拍照模式)。

在开机状态下(无论何模式)、当检测到没有卡、在屏上会提示请插入卡的符号，如在操作过程中发现卡已满，同样会在屏上出现disk full(卡满)(英文或者符号)。

在开机模式下、2分钟内无任何操作、则进入关机模式。

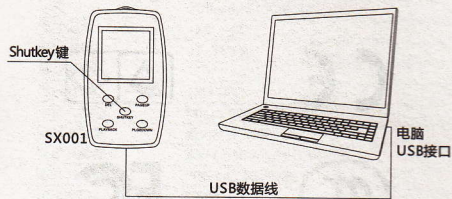
不论是开机或者关机状态下连接电脑都进入U盘模式，连接充电器则为供电模式。

在关机模式下按住SHUTKEY键连接电脑则进入PCCAM模式。

插入TV输出线连接电视，可执行AV输出功能。

PC摄像头功能

若使用PC摄像头功能，需先安装附带光碟内的驱动程序，在关机模式下按住SHUTKEY键连接电脑则进入PC摄像头模式。



若、与电脑连接，而没有按住SHUTKEY键，那么只能拷贝SX001中所存储的数据，不可当摄像机使用。

产品认证



电源使用期间，表面可能会升温，属于正常现象，如需携带电源，请将电源从插座上取下。

产品参数

像素	200万CMOS
视角	72°
最小照度	1Lux
电池容量	370mAh
持续录像时间	2.5小时
功耗	200mA/3.7V(最大)
操作温度	-10° ~ 60°
操作湿度	15-85%RH
储藏温度	-10° ~ 70°
显示屏大小	1.44TFT
记忆卡类型	Micro SD 卡 (TF卡)
记忆卡容量	最大支持16G
录像支持格式	AVI (640x480p@30帧/秒)
图片支持格式	JPG (1280x 960)
USB接口	USB1.1/2.0
操作系统	WindowsXP/WinVISTA/Win7
充电时间	2小时左右
重量	约50g
尺寸	78x45x20mm

规格参数可能会因升级、更新等原因而做变更以实物为准。