

uCorder

Wearable Video Recording

User Manual

Model IRDC150 / IRDC250

Version 1.01



DO NOT RETURN TO THE STORE

For more information visit:

www.ucorder.com



INTRODUCTION

Thanks for purchasing the uCorder from IRES Technology. Before using the uCorder to record aspects of your life, please review the instructions in this Guide plus the additional information found in the online references at www.ucorder.com/support

1) CONTENTS

The IRDC150 package includes the following:

- uCorder
- Neck Strap
- Clothing Clip
- USB cable
- 1 GB Internal memory
- Quick Start Guide
- Warranty Card



The IRDC250 also features Webcam functionality and includes:

- 2 GB Internal memory
- PC Webcam mounting bracket



2) CONTROLS - OVERVIEW

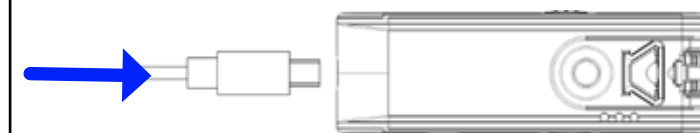
- 1) Mini LED Flashlight
- 2) Microphone
- 3) CMOS camera lens
- 4) Record/Stop button
- 5) Mode selector (Video/Audio)
- 6) LED indicators
 - Blue LED (Video)
 - Green LED (Audio)
 - Red LED (Power)
- 7) ON/OFF switch (plus flashlight)
- 8) Memory Card slot*
- 9) USB Connection



* Micro SD memory card is optional and not included.

3) BATTERY CHARGING

Before using the uCorder, you must first charge its built-in lithium battery directly from a running computer via mini USB cable.



Complete charging time takes 3-4 hours. Follow these steps for Computer Connection:

1) Use the mini USB cable to connect the uCorder to a computer. Insert the small end of the mini USB cable into the socket at the bottom of the unit, the large end at the computer's USB input.

2) The Red light on the uCorder will flash while the unit is charging. It will stop flashing and remain ON once the battery power is fully charged.

Note: it is not possible to record while USB is connected.

4) INSTALLATION

The uCorder does not require any proprietary software interface. Your operating system will read the Flash / SD memory just like it would a USB Memory drive.

Depending on your operating system, Driver installation messages may appear as the new USB Device hardware is detected.



Click "Continue" if prompted.

5) MICRO SD MEMORY (OPTIONAL)

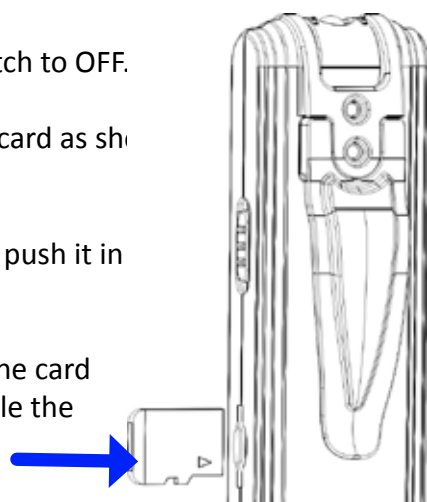
The IRDC150 uCorder has 1 GB built-in flash memory and the IRDC250 is equipped with 2 GB. To extend the memory, you may insert a Micro SD card into the Memory Card slot.

1) Set the ON/OFF switch to OFF.

2) Insert the Micro SD card as shown. It will lock in.

3) To remove the card, push it in gently so that it ejects.

Note: do not remove the card during playback or while the power is on.



6) FLASHLIGHT

The uCorder is equipped with a bright LED flashlight. The light found at the top of the unit can be tilted to point at the object you wish to record. To activate the light, switch the ON/OFF selector above ON to the light icon.

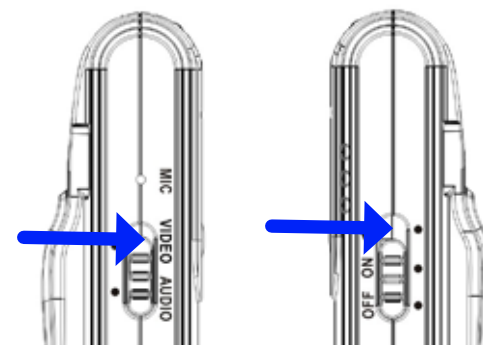


7) PREPARE TO RECORD VIDEO

With a charged uCorder, you're almost ready to record. Follow these steps to prepare for Video recording:

1. Set the Video/Audio switch to Video.

2. Set the ON/OFF switch to ON.



After switching the Power to ON, the unit is in Standby mode.

The Red LED will appear ON for a couple seconds to indicate power-up and the Blue LED illuminates to indicate that Video mode is ready. If the Red LED continues blinking, the uCorder requires further charging.

8) OPERATION - RECORD VIDEO

You can now attach the uCorder to your clothing and enjoy hands-free video & audio recording. Follow these steps:

1) While the system is in Video standby mode (with the Blue LED appearing ON), press the Record button as shown below.

2) The Blue LED will flash slowly while Recording.

3) Press the Record button again to Stop recording.

4) The Blue LED will flash quickly, indicating that the video file is being saved to memory. It will then return to standby mode.



Congratulations, you have successfully recorded an AVI video file. Remember to turn the uCorder OFF to conserve battery life.

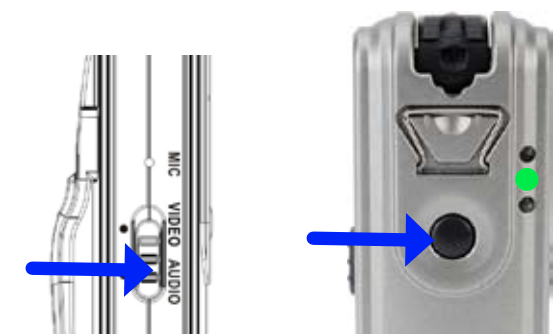
9) OPERATION - RECORD AUDIO

The uCorder also allows you to record Audio files to WAV format. To record Audio only, follow these steps:

1. Set the Video/Audio switch to Audio.

2. Set the ON/OFF switch to ON. A Green LED indicates Audio mode.

3. Press the Record button.



The Green LED flashes slowly while recording. Press the Record button again to Stop recording. The Green LED will then flash quickly, indicating that the audio file is being saved to memory. When saving is complete, it will return to standby mode. Remember to turn the uCorder OFF when finished in order to conserve battery life.

10) FILE RETRIEVAL

To view / listen to your recordings, you first need to connect the uCorder to a computer via the USB cable.

The Internal Flash memory is recognized by the system as a Memory Drive, similar to a USB memory stick. If you have inserted a Micro SD card, it will appear as a separate Memory Drive. By default, recordings go to the Micro SD memory first (until the memory is full) before using the Internal Flash memory.

Depending on the settings in your Operating System, you may see an alert / prompt to open the files in the newly detected drive (or multiple drives if a Micro SD card is inserted).

You can go to My Computer in Windows and see the connected memory drives. They will appear similar to:



Note: “uCorder1GB” or “uCorder2GB” is the name assigned to the Internal Flash memory. The Micro SD card name varies by manufacturer, but can be changed.

14) TIPS / GOOD PRACTICES

Following these guidelines will optimize your experience with the uCorder.

- 1) **Charge the unit completely** - the uCorder needs a few hours to fully charge the same way that a cell phone does. Please be patient.
- 2) **Safely remove the device** - when disconnecting the uCorder from the computer, be sure to follow the “Safely Remove Hardware” process used by your operating system.
- 3) **Bright Light** - for best results, the uCorder is intended for video recording under bright lighting conditions.
- 4) **Remember to turn OFF** - once you have made a recording and do not anticipate further immediate recordings, it’s best to turn the uCorder OFF and conserve its battery life.
- 5) **Recharge** - once you see the Red light flashing on the unit, that means it’s time to refuel the battery by simply connecting to your computer.

11) PLAY FILES

Upon opening the memory drive, you will find a main folder titled “uCorder”.

Double-click on the folder to open it and find two sub-folders: AUDIO and VIDEO.



The AUDIO folder contains a list of all Audio recordings in WAV format and the VIDEO folder contains the Video recordings in AVI format. Files are named numerically.

You can double-click on the files and play them directly from the uCorder memory. Alternatively, you can copy them to a folder on your computer and delete the files from the device memory.

The AVI video files and WAV audio files will open in your default media player for each file extension. Windows Media Player and QuickTime are recommended players for these standard type of files.

If you are unable to see video, you need to download the appropriate video codec pack to support AVI files.

15) PRIVACY

By using the uCorder you acknowledge and agree that you have read the DISCLAIMER and agree to observe and abide by the provisions contained therein.

DISCLAIMER

You agree to use the uCorder in accordance with all privacy laws in ef- fect in your jurisdiction and to observe all such laws and regulations. The use of the video, recording and/or audio functions of the uCorder shall not be used, without limitation, for immoral, criminal, tortious acts and other civil wrongdoings, harassment and disturbance of others. At all times you agree to indemnify and save harmless IRES Technology Corp., its officers, directors, employees, shareholders and contractors in connection with the use and operation of the uCorder and/or breach of any of the provisions herein.

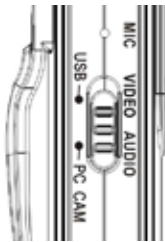
16) WARRANTY

IRES Technology warrants all of its products for one year, starting from the date of purchase. Please refer to the included Warranty card or go to www.ucorder.com for more details. In no event shall IRES be liable for incidental, accidental or consequential damages arising from the use or inability to use its products.

12) IRDC250 - DUAL USB FUNCTION

Sections 11-12 are only applicable if you purchased the IRDC250 model with Webcam functionality.

- The IRDC250 can be set to serve as either:
 - 1) a USB memory device (USB);
 - or
 - 2) a Webcam (PC CAM).



To alternate between modes, note the options on the selector switch.

When set to USB mode, the Green LED will illuminate upon connection to computer to indicate File Retrieval. The operation in USB mode is described in section #10.

To access the Webcam functionality, the selector switch must be set to PC CAM *before* connecting to the computer.

Note: the system will not accept changes from USB to PC CAM mode while the uCorder is connected to the computer. To change modes, you need to disconnect the cable, set the selector switch as required and then reconnect.

17) FCC INFORMATION

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 interfer- ence to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equip- ment does cause harmful interference to radio or television recep- tion, 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

This Class B digital apparatus complies with Canadian ICES-003.



13) IRDC250 - WEBCAM FUNCTION

When set to PC CAM mode, the Blue LED will illuminate upon connection to computer.

The uCorder will be recognized by the operating system as a Video Device rather than a disk drive. The Webcam can be integrated into Chat programs including MSN Messenger and Skype.

For some Chat or Conferencing applications, you will first need to “initialize” the Webcam. Go to My Computer, and you will find the uCorder appearing as a USB Video Device listed under “Scanners and Cameras”.



Double-click the USB Video Device icon. The device will initialize and live video will appear. The webcam is now ready for integration with virtually any live messaging software.

Note: for best results, download the latest version of the chat program being used (eg: Messenger 2009 / Skype 4).

18) SPECIFICATIONS

Image Sensor	CMOS
Resolution	300,000 pixels
Video Format	AVI 640 x 480
Video File Size	Up to 600 KB/s
Recording Speed	Up to 25 fps
Max recording distance	Up to 25 feet away (Video & Audio)
Viewing Angle	60°
Built-in Lithium Battery	3.7 V
Battery Life	Up to 2 hours
Charging Time	Up to 3 hours
Interface	Mini USB 1.1
SD Card	Micro SD card (not included)
Internal Memory	1 GB (IRDC150) / 2 GB (IRDC250)
SD Capacity	Up to 8 GB
Compatible Systems	Windows 2000/XP/Vista, Mac, Linux
Operating Temperature	-15°C ~ 65°C (5~145°F)
Dimensions	1.1” x 0.6” x 3.5”

