

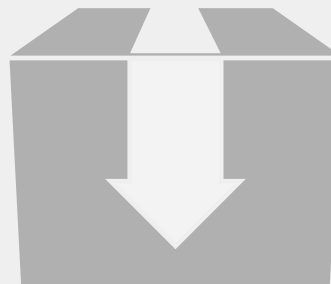
Tilt Mini

User's Guide



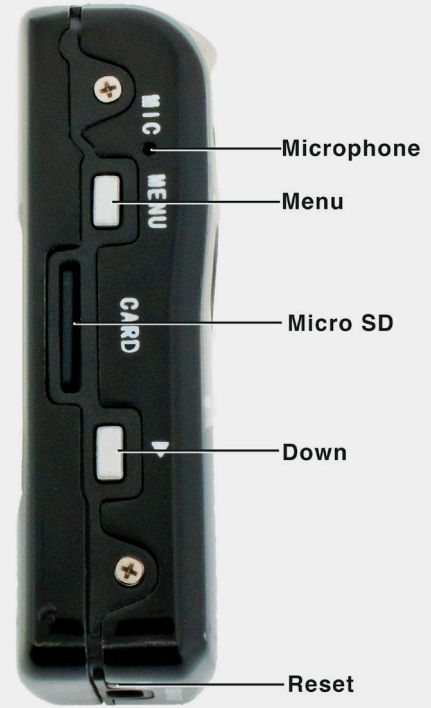
The Tilt Mini

is a versatile miniature video recording device. Record with the touch of a button, or set it for motion-detection and capture all the action. You can adjust the lens angle, allowing you to set up the device in different locations. View and manage files from the integrated OLED screen.



In the Box

In the box you will find the Tilt Mini DVR, a combination USB/AV cable, an AC power adapter, a belt case, clip mount, wrist strap, a mini disc and earbuds, as well as this user's guide.



Getting Started

The first step in using your device is charging it. Connect the device to a USB port on your PC or plug it into AC power with the included adapter. While charging, a green icon will flash in the upper right-hand corner of the OLED screen and turn solid when the battery is full. Before first use, we suggest charging the device for 4 hours.

This device does not have internal memory and relies on a micro SD card for recording. Before inserting a micro SD card, make sure the card is formatted correctly. The device can record in the FAT 16/32 format. If you aren't sure how to format an SD card, you can find instructions here: http://www.ehow.com/how_2112408_format-memory-card.html. The Tilt Mini DVR is compatible with micro SD cards up to 16 GB capacity.

If you plan on viewing your files on your computer, we suggest using VLC Player. The most recent version can be downloaded at no cost from <http://www.videolan.org>.

To power the device on, hold down the ON/OFF/BACK button for about 3 seconds. The OLED screen will turn on and display the time and date in Standby mode.

Recording Video

From Standby mode, press the RECORD button to enter video record mode and begin recording. A red circle icon will blink in the upper right corner of the OLED screen when video is being recorded. Press the MENU button to stop recording and remain in video record mode. If you press the MENU button again, the device will begin recording a new video file.

To return to Standby mode, stop recording with the MENU button and press the ON/OFF/BACK button.

Recording Motion-Activated Video

To record based on motion, press the MENU button from Standby mode to reach the menu. Highlight VMotion using the DOWN button and press the MENU button to enter motion-activated video mode. Whenever the camera senses motion, it will begin recording video. The Tilt Mini DVR will stop recording 2 minutes after motion stops. To stop recording manually and save the current video file, press the MENU button.

If the Tilt Mini runs out of memory while recording, it will begin overwriting files. The oldest video file on the micro SD card will be deleted and replaced with the new video file.

To return to Standby mode, stop recording with the MENU button and press the ON/OFF/BACK button.

Scheduled Recording

Scheduled recording allows you to choose hours during which the device will automatically record video.

In the main menu, go to Settings and scroll to Time Record and press the MENU button. Scroll to On and press MENU. Choose a start and stop time, and press the MENU button to confirm your settings. Note that the times listed here are based on a 24-hour clock (military time).

To disable this feature so that your device will no longer automatically record during these hours, simply go back to Time Record in Settings and choose Off.

Taking Photos

To take a photo, press the MENU button from Standby mode to reach the menu. Highlight DC using the DOWN button and press the MENU button to enter photo mode. To capture a photo, press the MENU button.

To return to Standby mode, stop recording with the MENU button and press the ON/OFF/BACK button.

Changing Settings

Press MENU in Standby mode, scroll to Setting, and press MENU to enter the Setting menu. Use the DOWN button to scroll through the menu and press the MENU button to select an option.

- **Date/Time:** here you can set the date and time for your device. This will be reflected in the time/date stamp on your photos and videos. Press ON/OFF/BACK to return to the Setting menu.
- **Language:** Language allows you to choose the language for the device's display. You can choose between Chinese and English.
- **LCD Off:** in this screen you can choose how long the LCD screen will stay on if the device is not given any commands. The screen shuts off to save power if the device isn't given any commands. Choose between 0, 15, or 60 seconds.
- **DV First:** Choose YES or NO. If YES is chosen, the device will automatically begin recording video when it's powered on. If NO is chosen, the device will enter Standby when it's powered on.

Reviewing Files on the Device

To review files, press the MENU button from standby mode to enter the main menu. Highlight MEDIA using the DOWN button and press the MENU button to enter the media menu. Choose Image to view photo files, Video to review videos, and Audio to play audio files stored on the micro SD card. (The device can play MP3 audio files.) To play back sound in Video or Audio files, you will need to have earbuds plugged into the device, since it does not have an external speaker.

Viewing Files on a PC

On a Windows computer, the device may be plugged into the computer directly using the USB cable, or you may insert the micro SD card into an SD reader if you have one.

Mac users may not be able to access memory through the device, and will have to insert the micro SD card into their computer in a dedicated port, or using a memory card reader.

On a Windows PC, simply connect the device to your computer's USB port with the Micro SD card inserted into the device, making sure the device is powered Off. It will connect as a removable drive, and depending on the settings on your PC, it may automatically notify you that new hardware was detected.

Click the Start icon on your desktop. Select My Computer if you are using Windows XP, or Computer if using Windows Vista or Windows 7. The device should be listed as a Removable Disk under the Devices With Removable Storage section, and the SD card will be listed next in line. Open that drive, which will contain folders labeled VIDEO, which will contain video files, and PHOTO, which will contain photos.

Note that if you would like to listen to MP3s with this device using the included earbuds, you should create a folder here and label it AUDIO. You can access these files from the Media menu on the device.

Viewing Video on a Television

With the Tilt Mini DVR powered off, connect the yellow and white AV cables to your television. Ensure that your television is set to receive video from that input jack. Now, hold down the ON/OFF/BACK button and the DOWN button for about 3 seconds to have your display appear on the television.

Using Your Device as a Webcam

On the included disc, you will find a driver folder. With the device disconnected from the computer, open this file and run the executable file inside to install the camera driver and reboot your PC.

With the device powered off, hold down the ON/OFF/BACK button and connect it to your PC using the included cable. When the OLED screen comes on and displays the webcam icon, release the button. The device should appear as a webcam on your computer.

The webcam function of this device can only be used on 32-bit Windows computers.

Basic Specifications

	Format	Resolution	Battery Life	Record Time
Video	AVI	640 x 480	~150 mins	40 mins/GB
Photo	JPEG	1280 x 960	N/A	N/A

Troubleshooting

Problem: My video playback is “choppy” or “stuttering.”

Solution: If this is occurring, try copying the video files to your PC. This happens when the file is too large to be played back using your USB connection.

Problem: The camera seems to have frozen and isn’t reacting when any buttons are pressed.

Solution: This usually occurs if too many buttons are pressed in too short a time. Press the reset button using a pin or paperclip.

Glossary

DVR: Short for Digital Video Recorder, this abbreviation refers to any device capable of recording and saving a digital video file. This is the high-tech equivalent of a VCR.

GB: GB is short for gigabyte which is a unit used to measure computer storage capacity and is approximate to 1.07 billion bytes. 1 Gigabyte of data is almost twice the amount of data that a CD-ROM can hold. Additionally, 1 Gigabyte could hold the contents of about 10 yards of books on a shelf.

Micro SD Card: Micro SD cards, also known as TransFlash, are smaller versions of SD memory cards. As electronic devices are becoming smaller, Micro SD cards are becoming more and more common in the marketplace. Currently, the highest capacity of micro SD card is 32 GB.

OLED: OLED stands for Organic Light-Emitting Diode. The most common application for OLED technology is in thin electronic graphic displays.

USB Port: A USB port is a standard cable connection interface on personal computers and consumer electronics. USB ports allow standalone electronic devices to be connected via cables to a computer. USB can connect computer peripherals such as mice, keyboards, PDAs, gamepads and joysticks, scanners, digital cameras, printers, personal media players, flash drives, and external hard drives.



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