

Camcorder Spy Sunglasses

User's Guide



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The BrickHouse Camcorder Spy Sunglasses are a pair of normal-looking sunglasses containing a high-quality camera with an internal video recorder. All files are recorded to a micro SD card which can be viewed by connecting the device to a computer.



In the Box

Your box contains your Camcorder Spy Sunglasses, a remote control, a protective case, a USB cord, an AC power adapter, nose pad, and a mini CD. The CD contains a file which will allow you to set a time/date stamp, a copy of KM Player for use if your media player has trouble playing your videos, and a driver which will allow you to use the the Camcorder Spy Sunglasses as a webcam.



Getting Started

The first step in using the Camcorder Spy Sunglasses is to charge the device. Charge by plugging the included cord into the USB mini port on the sunglasses and connect the other end into either the AC adapter or a USB port on a computer. While charging, the red LED will flash on the device and will glow solid when the battery is full. Before first use, we suggest charging the device for about 5 hours.

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 Camcorder Spy Sunglasses are compatible with micro SD cards up to 16GB capacity. Once it has been formatted, insert the micro SD card in the memory card slot on the device with the gold contacts facing inward. When secure, you will feel the card "click" into place. To remove the card later, simply push on it and it will spring out.

To power the device on, hold down the Power button for 3 seconds. The LED will glow red to indicate that it is in standby mode. To power the device off, hold down the Power button for 3 seconds and the LED will turn off.

If the device remains in standby mode for longer than one minute, it will automatically shut off to conserve battery.

Wait ten seconds after turning the device on before recording video or taking photos to allow the DVR to boot up completely.

Recording Video

While in standby mode, press the Video Record button. The red LED will blink steadily to indicate that video is being recorded. To end recording and save the file, press the Video Record button again. The LED will return to solid red to indicate the file has been saved and the device is back in standby mode. Videos are saved in 640x480 resolution.

Taking Photos

To take a photograph, press the Photo button while in standby mode. The red LED will blink once to indicate a photo has been saved. Photos are saved in 1280x960 resolution.

Using the Remote Control

The included remote control will allow you to control the Camcorder Spy Sunglasses' functions. From the remote you can do the following: start and stop video recording, take a photo, and power the DVR off. Note that you must turn the DVR on using the Power button on the sunglasses themselves.



- To activate the remote, first press the **C** button. The LED on the remote should blink once to indicate it has connected to the DVR.
- To record video, press the **B** button, and to stop recording and save a file, press **B** a second time.
- To take a photo, press the **D** button.
- To power the DVR off, hold down the **A** button for 2 seconds.

Viewing Recorded Files

To view your files on a computer, simply connect the device via the supplied USB cord with the Micro SD card properly inserted into the device, making sure it 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. If so, select Open Folder to View Files.

If it is not automatically detected, click Start 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. Open that drive, which will contain a folder called DCIM. Within that folder is another folder labelled 100DSCIM. This folder contains your videos and photos.

If your media player has any problems opening recorded videos, you can install KM Player from the included CD or use VLC Player, which can be downloaded for free at <http://www.videolan.org>.

When disconnecting your device from a computer, always be sure to use the Safely Remove Hardware utility in Windows.

Using Your Device as a Webcam

This device can only be used as a webcam on 32-bit Windows operating systems. If you are not using a Windows computer, or are using a 64-bit Windows computer, this function will not work.

To use your device as a webcam, you will first need to install the driver from the included CD. Open the folder on the disk labelled “cameraDriver.” Run the executable file named “pc-camera-Driver” to install it.

To access the webcam functionality of the device, power it on and wait for 10 seconds, then connect it to your PC via USB. The first time you connect it in this way, you will have an “Image Download Utility” appear on your screen. Select EXIT, and a video device icon will appear in your My Computer (Windows XP) or Computer (Windows Vista or Windows 7) window. Access the icon in order to open the device as a webcam. The “Image Download Utility” dialog box will only appear the first time you connect the device this way.

Setting Time and Date

Setting the time and date stamp on your device is easy. Simply create a .txt file on your computer and name it “time.” In that file you will enter the date and time in the following format: year.month.day hour:minute:second. (Ex. 2011.01.31 12:00:00)

There is also a sample .txt file on the included CD.

Once you’ve created the file, connect the device to your computer via USB and save the .txt file to the device’s root directory. When you connect the device to your computer, it will be assigned a drive letter (ex. C:, D:, E:). When you open that drive, you are in the root directory, or topmost level of the drive.

After you have loaded the file, safely disconnect the device from your computer, turn the device on and off, and the time and date you loaded should now appear on any new videos and photos you record.

Basic Specifications

Battery Life	Approximately 100 minutes
Video Format	AVI
Video Storage	Approximately 15 minutes per GB
Photo Format	JPG
Photo Storage	Approximately 3000 photos per GB

Troubleshooting

Problem: The device powers off when I try to record.

Solution: This can happen if the device does not have a micro SD card inserted or is not able to read a micro SD card. If a card is inserted, try formatting the card. If it still does the same thing, make sure the card is functional by testing it on another device.

Problem: The device is “stuck” with the LED light on and is not responding to any buttons.

Solution: This issue occurs most commonly when the device is given too many commands too quickly. This can cause it to freeze up. If this occurs, use a paper clip or other small object to gently push the Reset button. This will force the device to power down.

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 32GB.

MP3: MP3 is an audio file format.

Root Directory: A root directory is the first directory on a drive or disk. For example, when connecting a removable drive to a Windows computer, it will be assigned a drive letter (ex. C:, D:, E:). When opening that drive, the first window listing the contents of the drive is the root directory.

USB Port: A USB port is a standard cable connection interface on personal computers and consumer electronics. USB ports allow stand-alone 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.

Webcam: A webcam is a camera that sends a video feed directly to a computer or computer network.