

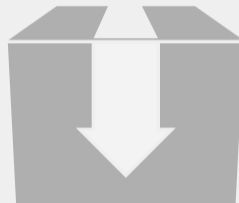
# 5.8 GHz Wireless Pocket DVR

## User's Guide



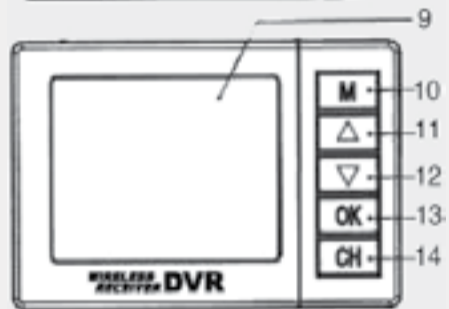
## The 5.8 GHz Wireless Pocket DVR

records video and audio files from 5.8 GHz wireless cameras or wired cameras connected via A/V component cables. Use the included remote control for one-touch recording to a micro SD card, and review files on the integrated LCD screen.

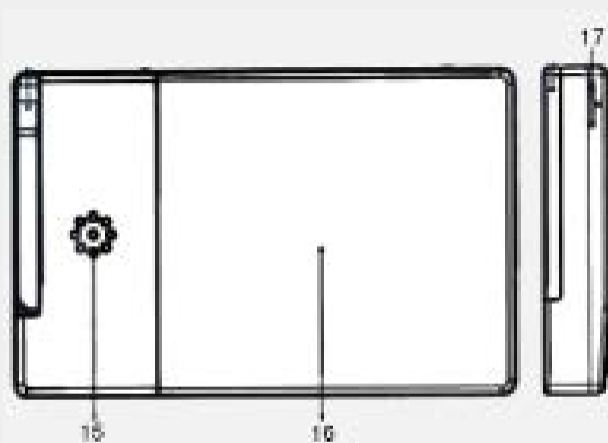


## In the Box

Inside your box you will find the Wireless Pocket DVR with LCD viewing screen, a remote control, a USB cable, an A/V cable, a 3.7v battery, a USB AC power adapter, a manual, a mini camera, and AC and battery power adapters for the camera.



1. Recording Switch 2. AV Out Jack 3. USB Jack 4. AV In Jack  
 5. Power Switch 6. Status Light 7. Charge Light 8. Receiving Antenna 9. LCD Screen 10. Menu 11. Forward 12. Backward 13. Confirming 14. Channel



15. Speaker 16. Battery Cover 17. Memory Card Slot

## Getting Started

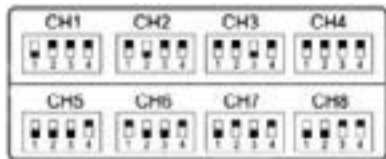
The first step in getting your DVR working is charging its battery. You can charge the battery by inserting it into the DVR and connecting it via USB to a computer or by using the included AC adapter. The LED on the charger will remain red while the battery charges, and turn blue once it's full. To insert the battery, slide the cover off of the back of the DVR and insert it so the copper contacts on the battery meet the ones on the device, and replace the cover. Before first use, it is suggested you charge the device for at least 6 hours.

The DVR has only 60MB of memory available, which is only enough for a few photos.

Next, insert the micro SD card into the device. Insert it as shown in the image next to the memory card slot until you feel it “click” into place. Plug a wired camera into the AV IN port on the Pocket DVR or turn on your 5.8 GHz wireless camera.

## Operating the Included Camera

Channel Selection Diagram



You can choose to transmit video on one of eight preset channels. Be sure that your camera is set to the same channel the DVR is set to (the DVR's default is 1). If you experience fuzziness or static, try a different channel. When using multiple cameras, be sure that they are set to different channels.

To power the wireless camera, just supply power to it and it will automatically transmit video. To power the device, connect either the included AC adaptor or battery pack. The battery pack requires 3 AAA batteries and will supply approximately an hour's worth of power. Note the channel your camera is set to broadcast on.

## Recording from the DVR

Move the power switch to the ON position to view your camera's feed. While the record switch is set to the PLAY position, you will see a live feed. If you are using a wireless camera, pressing the CH button will move you through the 8 reception channels, one at a time. Your current channel will be displayed in the upper-right corner of the screen.

To begin recording, move the record switch to the REC position. In the bottom left corner of the screen, a timer will display how much recording time you have remaining. The device will automatically save every 30 minutes and start a new file.

Moving the record switch to the LOCK position will disable the function buttons and turn off the LCD screen, but it will continue to record video.

Note that if using multiple wireless cameras, the device can only record from one at a time.

## **Recording From the Remote Control**

The remote control can be used with the DVR power switch in either the ON or SLEEP position.

- 1) Power ON
- 2) Power OFF
- 3) Take Photo
- 4) No function on this model



## Viewing Files on the DVR

To review photos and videos, hold down the MODE button for approximately 3 seconds. Press the UP and DOWN arrow keys to move through the list of files. Press the OK button to play a file.

While playing, press the UP button to speed up playback and press the DOWN arrow to play in reverse.

Press the MODE button to view the playback menu. From this menu you can choose to:

-Delete-- delete a selected file or all files

-Copy to Card-- copy files from the built in memory to a memory card

-Slide Show-- automatically scroll through photos and the first frame of video files after viewing each for 3 seconds, 5 seconds, or 10 seconds. Press OK to view the current file and end the slideshow

-Protect-- keeps a chosen file or all files from being deleted through the Delete command

-Thumbnail-- view thumbnails of 9 files at a time on the LCD

Hold down the MODE button to return to the camera view.

## Settings

Press the MENU button to reach the main menu. The main menu has 2 parts, “Video Set” and “Setup”. Press the CH button to switch between the two. Use the UP and DOWN buttons to move through options and press OK to select.

### Video Set

**Size** - Set your recording resolution: VGA (640 x 480) or QVGA (320 x 240)

**Tuning** - Adjust recording brightness, contrast, and color

**Loop Record** - Choose to turn loop recording, or overwrite, On or Off. When memory is full, it will automatically delete the oldest 30-minute file. Only use this function with an SD card larger than 2 GB.

**Time Stamp** - Choose to display no time/date stamp, the date only, or both date and time.

**Motion Detect** - Turn Motion Detect on and off. When Motion Detect is on, the device will automatically record whenever motion is sensed by the DVR and stop recording if there is no motion in the frame for five seconds. We suggest using wired cameras when using motion detection.

## Setup

**Format:** Format the memory card, preparing it to receive recorded data. Formatting a memory card deletes all data.

**Vibra:** Turn vibration alerts on or off. When on, the device will vibrate when it's powered on or off, taking a photo, recording video, the memory card is full, or power is low.

**Language:** Choose the display language.

**Auto Off:** If left in standby, the device will power itself down when inactive. Choose 3 minutes, 10 minutes, 30 minutes, or turn this feature off.

**System Reset:** Restores the device to its factory settings.

**TV Output:** This is used when viewing recordings on a television. Choose your local format, NTSC (North America) or PAL (most of Europe and Asia).

**Date Input:** Choose the date layout and set the correct date and time.

**USB:** Choose how the device will behave when connected to a computer, as a disk drive, so you can view recorded videos, or as a PC webcam.

## Viewing Files on a Computer

Connecting the device to your computer requires that the DVR first be powered on. Connect the device via USB cord and the DVR will automatically change to PC Connection mode. Your PC will detect the DVR as removable storage. Open the removable drive on your PC to view the DCIM folder. The DCIM folder contains 100DSCIM. Open that folder to view your files.

To view video files, we suggest using VLC Player. VLC can be downloaded for free from the programmers' site at <http://www.videolan.org>.

## Troubleshooting

**Problem:** The DVR screen is only showing static.

**Solution:** If using a wireless camera, check the channel on your camera and cycle through the channels on the DVR. Though it can support up to 8 cameras, we do not recommend using more than 4 at a time.

**Problem:** The remote is not functioning.

**Solution:** Check that the battery in the remote is not depleted. The remote control uses a 27A 12V battery.

**Problem:** The motion detection feature doesn't seem to be working; it's recording when nothing is moving.

**Solution:** If you are using wireless cameras, interference and short bursts of static may cause the DVR to register this change in the transmitted image as motion and activate recording.

## Glossary

**Composite Video:** Composite video cables carry video signal down a single line. Composite video RCA plugs are commonly yellow for video, with red and white wires carrying audio.

**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.

**FPS:** FPS stands for frames per second. It is used for measuring the frame speed in a moving image. FPS defines how many pictures are seen per second.

## Glossary (cont.)

**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.

**LCD:** Abbreviation of “liquid crystal display.” LCD screens are thin, flat electronic displays.

**LED:** An abbreviation for “light emitting diode”; it’s an electronic device that lights up when electricity passes through it. LEDs are good for displaying images because they can be relatively small, and they do not burn out. However, they require more power than LCDs.

## Glossary (cont.)

**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.

**NTSC:** The standard analog video format used throughout North America and much of South America. Some other areas of the world use formats called PAL or SECAM.

**PAL:** The standard analog video format used in much of Europe, Asia, and other parts of the world. Some other areas use formats called NTSC or SECAM.

## Glossary (cont.)

**RCA Connector:** A type of electrical connector commonly used to carry audio and video signals. They have largely replaced BNC connections on most home entertainment systems. It is used to connect everything from cameras to video game systems.

**USB:** Universal Serial Bus. USB is currently the standard method for connecting devices to a computer.



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