



Product Guide: SPYDV90

Getting to know your recorder



Getting Started

Installing microSD card

The microSD card is installed in front of the unit, the correct orientation of the card is shown on the side of the unit.

Charging your battery recorder

Before using the SPYDV90 we recommend making sure the device is fully charged. To charge first make sure the device is switch OFF, and then connect to a PC USB port, or a 5V USB charger. The red light will come on to indicate it is connected to a charger. The recorder will take about 3 hours to fully charge from a flat battery. The red light will go out when fully charged.

Connecting to your PC

Before connecting to your PC, ensure the microSD card has been installed, and that the unit is switched on. If the battery is completely flat, it may need to be left connected to charge for a while before it is detect by your computer.

Playback on your computer

For playing back the files on your computer, we recommend using VLC Media Player. The latest version can be downloaded for free from <http://www.videolan.org>

Manual recording video

Make sure the VOX switch is set to OFF. Switch the power to ON and the blue light will come on. Press the record button, the blue light will go out and the green will start flashing, the unit is now recording. To stop recording, press the record button and the blue light will come on again, and the device has stopped recording.

Voice (VOX) recording

Make sure the VOX switch is set to ON, then switch the unit on. Whenever sound above 65dB is heard, the unit will start recording. Once the sound has stopped, the device will return to standby and all lights will go out.

Status Lights

Status Light	Condition	Reason
Blue Light	On	Just booted
	Off	Standby/Off
	Slow flash	Low battery
	Fast Flash	USB Mode
Green Light	On	Storage full
	Fast flash	No SD card
	Slow flash	Recording
Red Light	On	Charging
	Off	Charged/Off

Specification

Storage Capacity	Up to 32GB micro SD
USB interface	USB 2.0
Motion detect range	4 Meters (approx.)
Minimum illumination	1 LUX
Lens angle	72 °
Video format	AVI
Video Resolution	640x480
Framerate	30fps
Storage consumption	2GB per hour (approx.)
Battery life continuous	4 hours (approx.)
Battery life voice	500 hour standby
Battery	DC 3.7V 620MAH
Storage temperature	-10 °C to 70°C
Operating temperature	-10 °C to 60°C
Weight	35g
Dimensions	78x33x12mm

Troubleshooting

Problem	Solution
Won't turn on	Ensure the battery is fully charged
Unit won't record	Restart the camera, check the battery is charged. Format the SD card on your PC (this will erase all data)
Sound or video distortions in recordings	Fully charge the unit
Not detected by your PC	Ensure the power switch is on before connecting