

DVSR-Micro Video Surveillance Recorder



Pocket-sized solid-state recorder for covert video & audio surveillance

Feature Summary

- Single channel video and audio recording to CompactFlash card
- Up to 15 hours recording time
- Up to 25 frames per second
- Recordings saved to PC disk as AVI files for compatibility with standard media players
- Up to 8 configuration profiles
- Linear and Loop recording capability
- Time and date stamping
- Selectable video frame rates: 25, 12, 6, 3 and 1
- Optional Power Converter to power a camera
- Integral microphone
- Recording integrity verification
- External microphone and remote control option
- Re-chargeable and DC powered versions
- Simultaneous recording and charging
- Suitable for body-worn and other covert applications
- Windows software controls recorder configuration

DVSR-Micro is a pocket-sized surveillance recorder that captures up to 15 hours of single channel video and audio. Recordings are downloaded from the removable CompactFlash card in AVI format for compatibility with many media players.

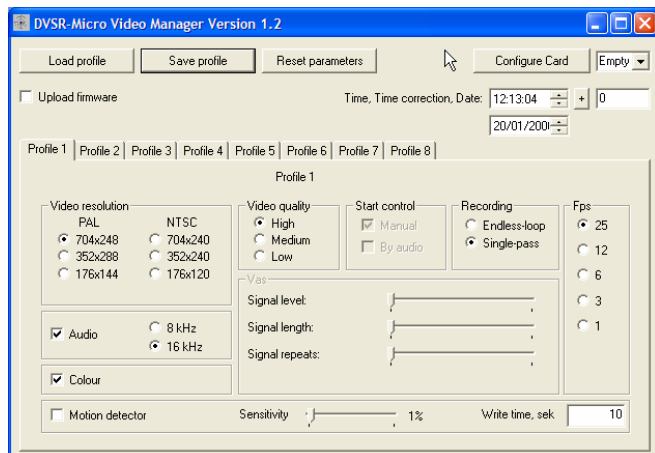
For use in different operating environments, up to eight profiles are available and can be selected using buttons on the recorder. These recording parameter profiles provide control of frame rate; compression; resolution; audio; colour; plus linear or loop recording.

Each recording is time and date stamped, verification software checks downloaded recordings to ensure they have not been accessed or edited following their creation.

Smaller than many MP3 players, DVSR-Micro recorders are easy to operate and the use of a removable CompactFlash memory card provides convenient data retrieval.

Recorders are available with either DC operation or an internal re-chargeable battery. Both models can also utilise a standard PC USB port as a power source. DVSR 6000 is also available with a power converter which provides a 12V DC output to power a camera.

Miniature size and weight, plus the ability to record both audio and video using a rechargeable battery source, make DVSR-Micro an ideal choice for body-worn and other covert applications.



DVSR-Micro Video Surveillance Recorder

Specifications

Compression

Wavelet (3-levels)

Video Resolution

704 x 248 (PAL) 704 x 240 (NTSC)

352 x 288 (PAL) 352 x 240 (NTSC)

176 x 144 (PAL) 176 x 120 (NTSC)

Video Frame Rates

25, 12, 6, 3, 1 FPS

Video Inputs

PAL, 75 Ohm, 1V p-p (RCA connector)

NTSC 75 Ohm, 1V p-p (RCA connector)

Audio

Integral microphone (range of up to 7 metres)

8 kHz sample rate (frequency response 300 – 3300 Hz)

16 kHz sample rate (frequency response 300 – 6600 Hz)

Data Storage

Removable CompactFlash Type 1 (128MB – 2GB)

High-speed 80x CF cards are recommended for best results

Typical Recording Times (using 2GB CF Card)

15 hours: 176 x 144 Colour, 12fps, 8 kHz audio, medium quality, 25% movement

6 hours: 176 x 144 Colour, 25fps, 16 kHz audio, high quality, 25% movement

4 hours: 352 x 288 Colour, 12fps, 16 kHz audio, high quality, 25% movement

2 hours: 352 x 288 Colour, 25fps, 16 kHz audio, high quality, 25% movement

Status Indicators

Recording, Standby, Battery level

Connectors

Video input: RCA (adapter cable)

Recorder Control: Mini-USB

Charger/DC power: Mini-USB

DVSR-Micro 5000

Dimensions: 53mm x 55mm x 10mm

Weight: 35g

Power Supply: 3.3V - 5V DC, with external 110V - 240V AC power adapter

Power Consumption: 300mA (maximum)

DVSR-Micro 6000

Dimensions: 53mm x 65mm x 15mm

Weight: 75g

Rechargeable Battery: Lithium-Polymer

Battery Capacity: 1750 mAh
6 hours continuous recording time (typical)
1 year standby time (typical)

Environmental

Operating Temperature: -10°C to +60°C

Storage Temperature: -20°C to +60°C

Relative Humidity: 5% to 60% non-condensing

Vibration (random): 0.67G (5Hz - 500Hz)

Shock: 200G/2msecs

Supported Host System Configuration

Pentium IV 2GHz processor, 256MB RAM, 20GB HDD; 1024 x 768 graphics

Windows™ XP Professional

Windows™ Media Player 10 or equivalent

CompactFlash Card Reader

Windows is a registered trademark of Microsoft Corp.

Pentium is a registered trademark of Intel Corp.

Software

Video Manager: Recorder Setup & Configuration, including: resolution, compression, linear or loop recording, time/date, and frame rate.

Video Decoder: Transfer recording from CF Card to a series of AVI files on PC disk for compatibility with many available PC media players

Integrity Checker: Verification of AVI file for integrity control

Sample Recordings: Sample files are available from SomerData on request

DVSR-Micro and supplied accessories



DVSR-6000 is supplied with wired remote control (750mm) and external microphone (690mm) cable set

Optional camera power adapter provides 12V DC up to 200mA from DVSR-6000 rechargeable battery