



# Surveillance Product Range Summary

## SS-ASR Miniature Audio Surveillance Recorders & Modules

Professional audio recorders and modules provide long recording times and generous battery life. They are designed for recording high quality digital audio in covert scenarios where size, recording time and ease of use are paramount. The devices do not transmit and use solid state memory, making them difficult to detect.

**SS-ASR** Audio Recorders & Modules have small dimensions and weight, with recording capacities of up to 5120 hours (S3 modules) and 1706 hours (S1 modules & B22 Recorders). Simple and intuitive software allows selectable sample rate and compression algorithms to extend recording duration, with 4 recording modes - voice activation, continuous loop, single pass & scheduled timer

Available with storage capacities of 24GByte or 16GByte (S3 modules), 2GByte - 8Gbyte (S1 modules, B22 and A31 Recorder) and 2GByte – 16GB (B8 Recorder), their design makes them ideal for custom surveillance installations. Windows XP™ software controls the device configuration, file transfer and message listings, which allow you to listen to recordings through your PC.

The SS-ASR-A31 holds the world record for the smallest recorder to hold up to 1706 hours of data



SS-ASR S1 Module



SS-ASR S3 Module



SS-ASR B22 Recorder



SS-ASR B8 & A31 Recorder

## SS-ASR Audio Recorder Module Development Kit

SomerdData has created a development kit for the SS-ASR-S Series Modules as a starting point for your own developments

The Development Kit includes:

- Main development board
- 2GB S1 or 16GB S3 Recorder Module
- Professional dual mono/stereo Knowles microphone assembly
- Power Supply regulator
- Lithium-Polymer Battery Pack (for rechargeable long term power autonomy)
- Lithium Battery Charger – Provides up to 9 days continuous, stand-alone use
- Design Documentation



## BlueGate Secure Bluetooth Monitoring System

**BlueGate** provides secure wireless audio monitoring from remote Bluetooth audio devices. The unit also supports two-way communication.

The **BlueGate** Controller automatically initiates a secure 128bit encrypted connection with up to 3 pre-authorized **BlueMic** microphones - available with either 10m or 100m range for operational flexibility. Microphones/Controller operate in undiscoverable mode making detection exceedingly difficult, while random, adaptive frequency hopping avoids jamming attempts.

The **BlueGate** system can also be used for 2-way communication by linking the Controller to a pre-authorized Bluetooth headset, while automatic recording is possible via an optional Olympus recorder plugged in to the Controller



BlueMic10



BlueGate Controller

## MAR-1 - Mobile GSM Audio Recorder

The **MAR-1** is a portable GSM Mobile Audio Recording and monitoring system. Connection to the MAR-1 is made via SMS sent to the recorder. Incoming and outgoing calls are automatically recorded to disk once a voice connection is made between the **MAR-1** and spy phone/GSM bug. The onboard CD-burner allows on-site archiving of the stored audio to compact disk. Dual headphones are provided to allow private monitoring during silent operation.



## DVSR-Micro-2 – Miniature Video Recorder

The **DVSR-Micro-2** is our latest generation micro digital audio/video recorder, featuring improved performance and feature set (e.g. built-in control keys and OLED screen, recording with "pre-history" mode, removeable / rechargeable Li-Ion battery pack).

**DVSR-Micro-2** records up to 64 hours of audio & video on a standard SD card (up to 32GB), has an internal camera & microphone with the option to use an external camera/mic combination. All recordings are time/date stamped and operation can be activated via Voice Activation, Motion Detection and/or pre-set timers



## DVSR – Video Recorder

The **DVSR** captures up to 4 channels of time-lapse video and 2 audio channels. Recorders can be specified with either an internal or removeable hard drive (for rapid and convenient data retrieval).

It has a powerful search function and event manager, allowing searches by histogram, by time/date and by event. Simultaneous record and replay allows the user to locate and review previously recorded data without interrupting the recording process.

Motion detection, sound detection and external alarm inputs can be used in any combination to trigger event-specific recording. Ethernet & USB ports provide maximum flexibility for set-up and retrieval, including remote access via wireless network



DVSR-1000 (internal Hard Drive)



DVSR-2000 (removable Hard Drive)

If you would like a data sheet on any of the above products, please contact SomerData

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