

FOR IMMEDIATE RELEASE

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## Embeddable Digital Video Recorder (DVR)

*Designed for inspection systems and OEM applications*

**Tigard, OR** – Sensoray introduces its new **Model 4011**, a compact digital video recorder (DVR) designed for embedded OEM applications. It records audio and video (A/V) to USB storage media in MP4 format and captures JPEG images on-the-fly without interrupting A/V recording. The A/V outputs allow live video, recorded A/V or JPEG snapshots to be displayed on an external monitor. Date and time are maintained by a real-time clock with battery backup.



The board encodes standard NTSC/PAL composite video using efficient H.264 compression. Audio from the onboard microphone is digitized and compressed using AAC encoding. The compressed A/V streams are multiplexed and recorded as MP4 files, with file names automatically generated by the real-time clock. Bit rates and image resolution, frame rate and GOP size can be tailored to match application requirements and storage capacity.

Three independent overlay generators can position up to 160 text characters anywhere in the video frame. A unique text string can be defined for each overlay, which automatically updates every frame. Supported variables include time, date, and frame count.

An external USB storage device is required for DVR operation. If desired, a second USB storage device may also be connected and the 4011 will simultaneously record to both devices.

The DVR interface supports a user-supplied keypad working in conjunction with the board's flexible on-screen menu system. Each keypad connector pin can be routed directly to a keypad switch and configured to match the control scheme of a custom keypad. If preferred, a standard keyboard can be connected to any USB port and used to control the DVR.

For more information go to [www.sensoray.com/4011](http://www.sensoray.com/4011)

### **ABOUT Sensoray**

Sensoray is an industry-leading designer and manufacturer of OEM electronics for video imaging, data acquisition and industrial control. The company is committed to technical excellence and design innovation. Founded in 1982, Sensoray offers customers practical, reliable solutions alongside outstanding live technical support and service. Sensoray provides tools to aid rapid development and ensure customer success.

Our products are manufactured in the U.S.A. with a commitment to long-term availability. For more information, or to speak to an engineer regarding a custom design, visit [www.sensoray.com](http://www.sensoray.com), or email [support@sensoray.com](mailto:support@sensoray.com)