SENSORAY | embedded electronics

PRODUCT RELEASE

Rugged, Industrial Strength PCIe/104 Form Factor A/V Codec
Capture and compress four channels of analog video and stereo audio

Tigard, OR – Sensoray has introduced the ultra-low latency, high performance **Model 953-ET: PCIe/104 Form Factor A/V Codec.** It simultaneously captures four channels of analog video and four channels of stereo/mono audio. Each video channel captures at the full frame rate (30 fps for NTSC or 25 fps for PAL), which results in an aggregate frame rate of 120 fps for NTSC or 100 fps for PAL. The Model 953-ET compresses the A/V streams into MJPEG, MPEG-4, H.264, or MPEG-TS format for video, and with G.711 or AAC format for audio.

The powerful encoding engine supports ultra-low latency, full frame rate encoding of two video streams from its single composite video input and sends the streams out over the PCI-Express x1 link. The video streams can be displayed on a monitor, saved on a storage device like HD/SSD, or streamed over an IP network. The Model 953-ET can also perform as a 4-channel decoder, converting a compressed A/V stream into standard analog video and audio signals. Seven transparency levels of overlay images can be displayed on top of the composite video output, as well as up to 160 characters of overlay test for each channel prior to compression.

This extended temperature, small form factor board is ideal for applications where processor performance is critical. The Model 953-ET is well-suited for uncompromising capture of multiple video sources, such as radar and sonar processing, remote video surveillance and traffic monitoring.

Sensoray provides an SDK for the Model 953-ET that includes drivers, programming examples and comprehensive documentation for both Windows and Linux operating systems.

For more information go to www.sensoray.com/953

ABOUT Sensoray
Sensoray is an industry-leading designer and manufacturer of OEM electronics for video imaging, data acquisition and machine 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. For more information, or to speak to an engineer regarding a custom design, visit www.sensoray.com or email support@sensoray.com.

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