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Sensoray Model 1012 8-Channel Mini PCI-Express Frame Grabber

*Device, ideal for video surveillance applications,
simultaneously captures 8 channels of NTSC/PAL video*

Tigard, OR - [Sensoray](#) announces that its **Model 1012, 8-channel Mini PCI-Express frame grabber** brings enhanced performance and flexibility to video surveillance applications, simultaneously capturing up to 8 channels of stable-source NTSC/PAL video and an optional 8 channels of mono audio. The Sensoray Model 1012 device is designed for video surveillance applications; however, it can be used for all other multi-channel vision, image processing, and video capturing + recording applications.

With the Model 1012, each video channel captures at the full frame rate of 30 fps for NTSC or 25 fps for PAL, resulting in an aggregate frame rate of up to 240 or 200 fps respectively. The board implements a single-lane Mini PCI-Express interface that enables it to be plugged into any standard Mini PCI-Express slot. All operating power is supplied from the Mini PCI-Express bus, and no external power supply is needed.

Software Development Kits (SDKs) for the device are available for Linux and Windows. The SDKs include drivers, programming samples, and comprehensive documentation to help users implement a quick startup and develop custom applications.

All eight composite video inputs are connected through two 16-pin connectors, and the corresponding audio inputs can be connected through either of the two 16-pin connectors. The video capture resolution can be chosen from a number of options, and the device can be set to capture frames in YUYV, YUV420, or RGB555/RGB565 formats. Possible audio sampling rates include 8K, 16K, 32K, 44.1K, or 48K Hz.

For more information go to www.sensoray.com/PR10/1012

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@sensoryay.com.

