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Model 2453 H.264 Video Server

Decoding to analog audio and video outputs

Tigard, OR - Sensoray brings enhanced performance and flexibility with the **Model 2453, H.264 Video Server**, featuring fully integrated systems for centralized recording, storage, management and distribution of H.264 video at very high data rates.

Model 2453 is a video server capable of capturing video (NTSC or PAL) and audio from analog sources, compressing both and sending the resulting stream(s) over an IP network using one of multiple formats and protocols. It can simultaneously produce 2 output streams with different resolutions and bitrates tailored for specific network properties and application requirements.

Model 2453 provides flexible control over captured stream properties (resolution, frame rate, bitrate), as well as advanced features such as deinterlacing with motion artefacts removal, image rotation and mirroring. Video and audio are available as elementary streams or may be multiplexed in MPEG-TS format. Up to 80 characters of overlay text can be positioned in the video frame prior to compression. Model 2453 contains a flexible serial port, configurable as RS232, RS422 or RS485.

The 2453 can also perform as a decoder, converting a compressed audio/video stream sent over the network into standard analog video and audio signals. The following formats are supported for decoding: MPEG-4 (.m4v), H.264 (.264 or .h264), MP4 (.mp4) and MJPEG (.mjpg or .mjpeg). Overlay images can be displayed on top of the composite video output. The overlaid video may be sourced from either the composite video input or a decoded compressed stream.

Packaging

Model 2453 board and a miniature board, Model 2424, is available for OEM applications.

For more information go to www.sensoray.com/2453

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.

