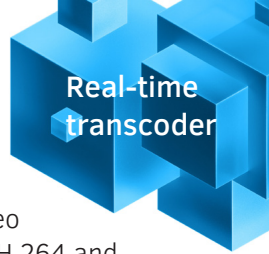
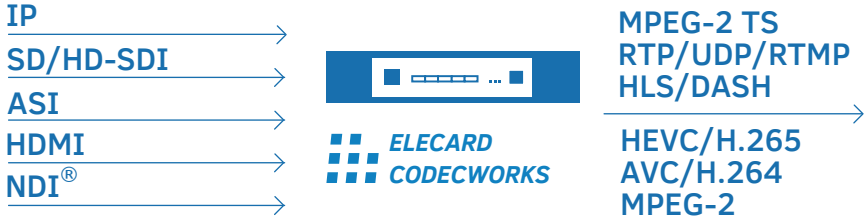


Elecard CodecWorks



Elecard CodecWorks is a professional platform for real-time video encoding, multiplexing and transcoding into HEVC/H.265, AVC/H.264 and MPEG-2 video supporting adaptive bitrate streaming via HLS and MPEG-DASH protocols with the best possible quality.



Input/output interfaces	IP, SDI/HD-SDI, ASI, HDMI, ATSC, DVB, NDI®
Video formats	MPEG-2, AVC/H.264, HEVC/H.265
Protocols	UDP, RTP, RTSP, RTMP, HLS, MPEG-DASH
Stream	MPEG-2 SPTS/MPTS, Elementary Stream

Application

- OTT solutions
- IPTV solutions
- DVB-T/C/S/H, ATSC head-end
- Video surveillance systems



Features

- Exceptional performance on 4xE5-2680v4 platform
- Encoding scheme configurator
- N+M redundancy mechanism
- Redundancy mode - automatic changeover to a redundant source on trigger
- Centralized control over several encoding servers via GUI and web-interface
- Optional QoS and QoE modules for monitoring quality of input or output streams

1 HEVC 4K 60 fps channel
up to 9 HEVC Full HD channels
up to 12 AVC Full HD channels
up to 17 AVC HD channels
up to 100 AVC SD channels
up to 200 MPEG-2 SD channels