

Antik Bandwidth Efficient H264 Encoder / Transcoder

EX6200 Antik optimised encoder for low bit-rate streams



Specification

INPUT

Interface

- IP stream input over multiple Ethernet ports
- Optional HDMI / SDI / HD-SDI / ASI

Stream

- **Live**
 - MPEG2 TS (SPTS & MPTS)
 - MPEG TS / RTP
- **File**
 - MPEG2 TS / MPEG2 PS
 - MP4
 - MKV
 - FLV
 - WAV
 - 3GP

Video codec

- MPEG 2 HL / ML
- MPEG4 SP / ASP
- H264 BP/MP/HP

Audio codec

- AAC-LC, HE-AAC v1, HE-AAC v2
- AC3
- MP3, MP2
- LPCM

OUTPUT

Interface

- IP stream input over multiple Ethernet ports
- Optional ASI

Stream

- Apple HLS*
- Microsoft Smooth streaming*
- Flash-RTMP*
- RTSP*
- MPEG TS over UDP
- File mode

Video stream processing

- Output Video Codec - H264 BP/MP/HP
- Fixed and dynamic GOP
- On the Fly dynamic bit rate - 32Kbps to 25Mbps
- Rate control - CBR, VBR, Constrained VBR
- Screen size - from 80x64 to 1080p
- Transcode acceleration mode
- Output profiles balancing

Audio

- Output Audio Codec - AAC-LC, HE-AAC v1, HE-AAC v2
- Sample rate - 8Khz to 48 KHz
- Channels - 2 to 8
- Bit rate - 32Kbps to 384Kbps

IMAGE PROCESSING

Pre processing

- De interlacing
- Image enhancement features
- Resizing - Upscaling / Down Scaling
- Frame rate adaption
- Cropping

Post processing

- Popular DRM

Management

- CLI (command line interface)
- SNMP
- Web Management

Application interface

- Antik IPTV platform
- Customisable for popular CDNs and Cloud interface

Platform specification

- **1RU form factor**
- **Optional redundancy**
- **Based on INTEL X86 architecture**
- **Linux RedHat OS (RHEL)**
- **Customisable for specific set of input / output features**
- **Warranty high-quality streams**
- **support Antik STREAMER, WOWZA**