Elecard StreamEye Studio

Elecard StreamEye Studio is a set of powerful applications for comprehensive video analysis and further video compression optimization, debugging and standard compliance verification.

Elecard StreamEye Studio tools

- Elecard StreamEye
- Elecard Stream Analyzer
- Elecard Video Quality Estimator
- Elecard YUV Viewer
- Elecard Quality Gates
- Command line tool

MPEG-1/2
AVC/H.264
HEVC/H.265
VP9
AV1
VVC

Key features

- In-depth data for blocks: vectors, types, sizes, filters
- Analysis from stream structure down to macroblock/coding tree unit/superblock
- Syntax analysis of encoded media streams
- Calculation of PSNR, EPSNR, SSIM, DELTA, MSE, MSAD, VQM, NQI, VMAF and VMAF phone, VIF metrics
- Analysis of decoder buffer parameters
- Standard compliance verification
- Automatic synchronization of two instances for comparison of files encoded with different settings
New version of Elecard StreamEye Studio 2021

- VVC Support
- SEI and NAL units syntax parsing
- FLV file container support for AVC and HEVC
- Ability to specify the amount of data for parsing
- Displaying of HbbTV data
- PCR Accuracy graph

Elecard StreamEye Studio is the most efficient solution for video quality analysis on the professional digital video market. About 1000 companies use Elecard analyzing solutions.