Everything you need to ensure you deliver your content with confidence

HYBRIK ANALYSIS AND QC FEATURES

Analysis Reports
Generate a PDF report or a machine-readable JSON file, retrievable by the API

Container Analysis
Retrieve container metadata without decoding files, including resolution, bitrate, frame rate, aspect ratio, codec, duration, etc.

Audio Levels
Check levels, including DC offset, RMS peak, etc.

Audio EBU R 128
Measure loudness of audio tracks

Audio Volume
View simple volume measurements

Audio Silence
Detect silent portions of audio

Audio Channel Composition
Determine composition of audio channels

Audio PSNR
Compare the maximum intensity of the audio signal over time compared to the noise floor

Dolby Professional Loudness
Perform Dolby loudness analysis on audio track(s)

Doby Atmos Mezzanine Analysis
Access information about your Dolby Atmos Mezzanine files.

Emergency Alert
Detect emergency alert signals in audio

Test Tone
Find test tones in audio

Black Video
Detect black portions in video

Black Borders
Detect letter- or pillar-boxing

Content Variance
Determine how much content changes over time

HDR Levels
Calculate MaxFALL (Maximum Frame Average Light Level) and MaxCLL (Maximum Content Light Level) for HDR encoding

Scene Change Detection
Detect scene change probabilities

Video Interlacing Analysis
Analyze video frame-by-frame for interlacing artifacts

Video Complexity Analysis

Determine video complexity over time, taking temporal and spatial complexity into consideration

Video Blockiness Analysis

Determine if your source or output files are suffering from blocking artifacts due to compression errors or low bitrates

Video Compressed Stats Analysis

View compression statistics including information about GOP size and data rate

Video VMAF Analysis

Ascertain a perceptual quality score using Netflix VMAF comparative analysis

Video PSNR Analysis

Compare the output video to the source, looking at noise or errors introduced during compression

Video SSIM Analysis

Compare structural information frame-by-frame for video source versus output

Video Photo-Sensitive Epilepsy Analysis

Look for video conditions that might trigger epileptic seizures in people sensitive to visual stimuli