ForensicVideo-ED – Editing Detection

Software tools for forensic analysis of video files formats and video pictures parameters



■DiViLine software

Editing Detection & Formats Analysis

Forensic tools for video forgery detection



- measurement- results analysis- conclusion creation

New features for analyzing the structure of video files.



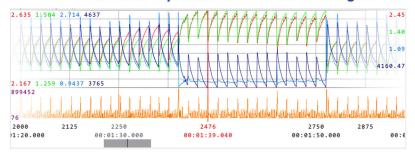
GoPro Hero3 vs Sony HDR-AZ1

GoPro Hero3 vs ffmpeg recompression

Applications

- Detection of video editing and intra frame forgeries.
- Documenting video file properties and measurement results.
- Search, retrieval and compare of forensically significant elements of metadata.
- Establishing the origin of video files (recorder, software, recompression).
- Establishing the identity of origin for video files.

Set of measured parameters for video images.



Key Features

- Set of modules for measuring frames (images) parameters.
- The import file and fast navigation to any frame and linked data.
- Simultaneous analysis of the video codec, media container, frames and characteristic.
- Comparision tools for video file structures (origin authentication).
- All other features of our format analyzer.

ForensicVideo-ED allows to get/see and analyze:

- Measurement results for a set of methods of forgery detection.
- The structure of the media container and video codec, information about each video frame up to macroblock level.
- Summary information about the video file (the type of audio or video codec, file creation time, etc.) based on MediaInfo end ExifTool.

ForensicVideo-ED is: flexible interface configuration, timeline and fast navigation, expert level of video visualization, synchronization of frames and related data, comparing of file structures and other.

