

FULL MOTION VIDEO
STANAG 4609
KLV
MISB 0601.5
SOFTWARE TOOLS
SUPPORT

KlvInspector™ is a software stream analyzer / generator that provides deep offline analysis of STANAG 4609 files and generates KLV metadata. It is an essential tool for UAV video applications development, integration and testing. **KlvInspector** provides in-depth insight into the KLV metadata - comprehensive and visual representation of the encoded KLV data, packet structure, binary/ASCII data preview and search functionality. It decodes a UAS Datalink Local Metadata Set (MISB 0601.5) metadata and allows an easy navigation inside the KLV metadata, statistic reports generation, metadata extraction etc. An Optional **Klv Composer™** allows manual Klv packet creation by adding individual MISB 0601.5 values or editing existing ones. Additionally, it is possible to send the KLV metadata over RS232 or Ethernet, selecting a relevant part of the file and controlling the data rate.



NATO DIGITAL MOTION IMAGERY STANAG 4609



KLV INSPECTOR

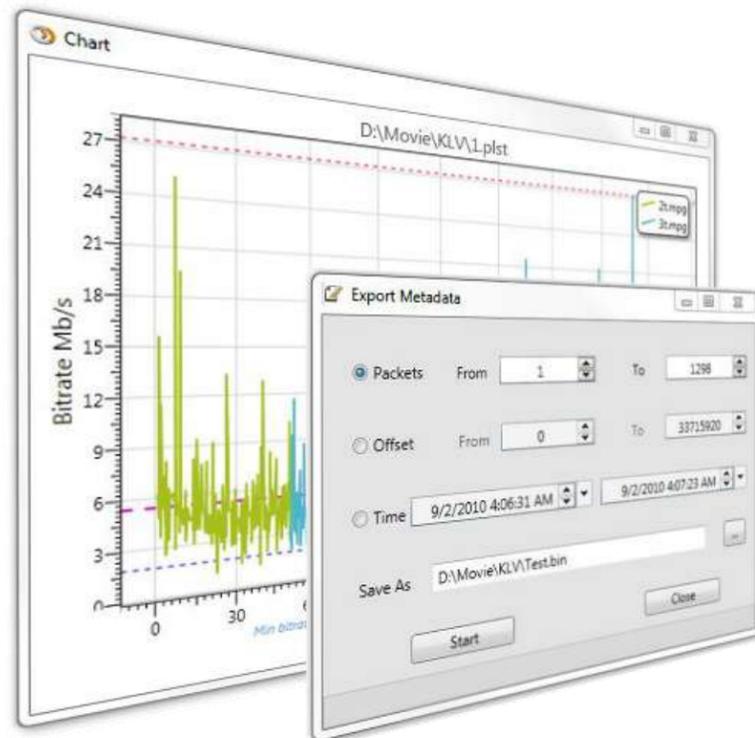
SMPTE 336M-2007 KLV

STANAG 4609

MISB 0601.5

Software to analyze, visualize and generate KLV metadata

STANAG 4609 ANALYSIS MADE EASY. TECHNOLOGY RESOURCES YOU NEED.



STANAG 4609, KLV, MISB 0601.X

Main features:

- STANAG 4609 UAS Datalink Local Metadata Set support.
- Binary files with SMPTE 336M-2007 KLV and MISB EG0601
- MPEG Transport files (MPEG2 / H.264).
- KLV PID extraction and processing.
- Visual representation of the KLV Packet structure.
- Binary/ASCII data preview and search functionality.
- Load/Save Klv packet from/to binary file.
- Metadata packet range export (by numbers, offset, KLV time)
- KLV Composer™ - build a Klv Packet from scratch.
- Send packets over RS232 or Ethernet with configurable data rate.*
- Convert KLV to CoT (Cursor on Target, (MISB 0805) messages and send them over Ethernet*.
- Multiple KLV PID support.
- Bitrate chart plotting and PCR discontinuity monitoring
- Report generation

Key	Name	Value
01	Checksum	83F6
02	UNIX Time Stamp	2010-Sep-02 04:06:31.954
03	Mission ID	Test Mission
04	Platform Tail Number	
05	Platform Heading Angle	231.2108°
06	Platform Pitch Angle	7.2420423°
07	Platform Roll Angle	0.6088443°
08	Platform True Airspeed	
09	Platform Indicated Airspeed	
10	Platform Designation	16HD
11	Image Source Sensor	EOW



UAV VIDEO SOLUTIONS

IMPLEOTV SYSTEMS LTD is a software technology provider specializing in the UAV motion imagery processing and exploitation.

WHAT WE DO

- Low latency STANAG video playback
- STANAG stream recording
- Network Re-broadcasting
- KLV metadata extraction
- Live or archived imagery processing
- In-depth metadata analysis
- Imagery tagging
- Situational awareness
- SDKs and applications



CUSTOM SOLUTIONS

In addition to providing off-the-shelf products, ImpleoTV Systems offers a full set of consulting / development services for a wide range of technologies to enterprises worldwide. We work very closely with our customers to adapt our solutions in order to meet the needs of their specific applications. As a full service consulting firm, we can handle all aspects of your project — specification, design, implementation, testing, and other related services.

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