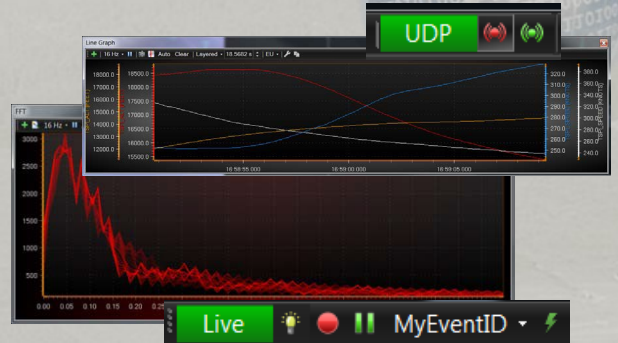




Release v1.8

What's New

- Process CH10 UDP Data Without Time Packets
 - ◊ Time Decoding Modes - Automatic, Global, RTC, Embedded PCM & IEEE 1588 PTP
 - ◊ Record UDP Broadcast to CH10 Files
 - ◊ DataHUB Recording & Reproduction of UDP Sources
- Replay CH10 UDP Data from PCAP File Sources
 - ◊ Session Integration - Projects, Displays, Options, NetView Manager, etc.
 - ◊ Replay Control - Time Slider, Play, Step Backward/Forward, Jump, Loop, etc.
 - ◊ Auto/Manual Setup from TMATS Packet
 - ◊ Auto Setup from Channel Data (if no TMATS parsed)
- Export CH10 Ethernet Packet Contents to PCAP File Format



W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22
27E5	1807	1808	27FB	1FFF	1FFF	1C9D	1FFF	1CB0	17AE	17F6	17F4	284
27E1	1803	1803	27FD	1FFF	1FFF	1C9D	1FFF	1CA8	17AD	17EB	17E9	284
27E2	17FF	1800	27FC	1FFF	1FFF	1C9D	1FFF	1CA3	17AD	17E1	17DF	284
27E8	17FC	17FD	27FD	1FFF	1FFF	1C9D	1FFF	1C9D	17AE	17DA	17D9	284
27F1	17FB	17FB	27FC	1FFF	1FFF	1C9D	1FFF	1C9B	17AE	17DB	17D7	284
27FE	17FB	17FC	27FC	1FFF	1FFF	1C9E	1FFF	1C9B	17AE	17DB	17D8	284
280B	17FD	17FD	27FC	1FFF	1FFF	1C9E	1FFF	1C9E	17AE	17DE	17DC	284
2816	17FF	17FF	27FE	1FFF	1FFF	1C9F	1FFF	1CA0	17AD	17E3	17E1	284
281D	17FF	17FF	2802	1FFF	1FFF	1CA0	1FFF	1CA1	17AB	17E9	17E7	284

Command Word: 4250
 RT Address: 8
 Sub Address: 18
 Word Count: 16
 Receive on B Bus
 Frequency: 0.0 Hz
 Time: 176:19:29:20.050106

Block Status Word

BID	ME	RR	FE	TM	IE	SE	WE
B		NO					

Data

8900	0000	0000	0000	1DFF	E080	1102	FFFE
FFFF	FF80	0000	0000	0472	0608	0000	FF00

Message Info

CMD	STS	MSG RTC	MSG Time
4250	4000	0006770A8B07	176:19:30:14.027068
CMD	STS	Gap Time 1 (µs)	Gap Time 2 (µs)
0000	0000	6.5	0.0

Address Info

RT Address	Sub Address	Transmit
8	18	Receive

- Enhanced MIL-STD-1553 Displays
 - ◊ A/B Bus Indicators in 1553 Data Channel Display
 - ◊ Transmit (TX), Receive (RX) & A/B Bus Breakouts in RT/SA Message Dialog:
All, All TX, All RX, TXA, RXA, TXB & RXB

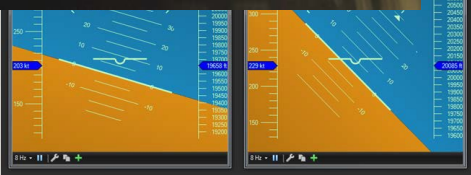
- New Time Display

- ◊ Shows Data Activity for All Sources, Channels & Decoders
- ◊ Easily Verify Data Activity Using Colored Status with 1 Second Timeout
- ◊ Decode Time & RTC for All Data Types
- ◊ Adjust Update Rate & Freeze Display
- ◊ Configure Rows & Control Font Size



Source	Type	Decode Time	Relative Time Counter
CH10 File	Irig108 Chapter 10 Source	19:50:42:558656	1381194617
MUX7	MilStd 1553 Format 1 Decoder	19:50:42:200033	1381194617
MUX7	MilStd 1553 Decoder	19:50:41:000015	1386194592
MUX6	MilStd 1553 Format 1 Decoder	19:50:42:200033	1381194617
MUX6	MilStd 1553 Decoder	19:50:41:000015	1386194592
MUX9	MilStd 1553 Format 1 Decoder	19:50:42:200033	1381194617
MUX9	MilStd 1553 Decoder	19:50:41:000015	1386194592
MUX10	MilStd 1553 Format 1 Decoder	19:50:42:200033	1381194617
MUX10	MilStd 1553 Decoder	19:50:41:000015	1386194592
HUD	Video Channel Decoder	19:50:42:532656	1381194617
HUD	MPEG2 Transport Decoder	19:50:42:532656	1381194617
HUD	Video Decoder	19:50:42:148656	1381194617
HUD	Audio Decoder	19:50:42:148656	1381194617
VSD	Video Channel Decoder	19:50:42:558654	1381194617
VSD	MPEG2 Transport Decoder	19:50:42:558654	1381194617
VSD	Video Decoder	19:50:42:148654	1381194617
VSD	Audio Decoder	19:50:42:148654	1381194617
MPCD	Video Channel Decoder	19:50:42:532664	1381194617
MPCD	MPEG2 Transport Decoder	19:50:42:532664	1381194617
MPCD	Video Decoder	19:50:42:148664	1381194617
MPCD	Audio Decoder	19:50:42:148664	1381194617
HDU	Video Channel Decoder	19:50:42:532671	1381194617
HDU	MPEG2 Transport Decoder	19:50:42:532671	1381194617
HDU	Video Decoder	00:00:00:000000	0
HDU	Audio Decoder	19:50:42:148671	1381194617

Source: GigeVisionStd_Demo
 Camera ID: Image Packet
 Timestamp: 035:10:01:34.897
 Chapter 10 Time: 035:10:01:34.897
 Frame #: 1 / 100



- Ease of Use & Other Enhancements

- ◊ Video Performance Improvements include Configurable # of Threads
- ◊ Auto Create TMATS Packet in CH10 Recordings After Configurable Setup Record Timeout
- ◊ Time Stamp CH10 Recording File Names
- ◊ RMM Loading Enhancements - Multi-File Selection & External TMATS Use

- New CANIS IGU Special Decoder (Custom)

- ◊ Quickly Configure Data Format
- ◊ Pad Length & Pattern
- ◊ Counting Pattern Length
- ◊ CRC Length

Word	Frame	Loss	Word	Frame	Loss
0001	FAF32075	0001	CCAB	3154	028D 604A
0002	FAF32075	0002	CCAB	3154	0A0D 6084
0003	FAF32075	0003	CCAB	3154	12F0 54C9
0004	FAF32075	0004	CCAB	3154	181D 6691
0005	FAF32075	0005	CCAB	3154	233D 6093
0006	FAF32075	0006	CCAB	3155	044D 0989
0007	FAF32075	0007	CCAB	3155	0C9D 9649
0008	FAF32075	0008	CCAB	3155	148D A089
0009	FAF32075	0009	CCAB	3155	1C4D 36CA
0010	FAF32075	000A	CCAB	3155	24CD B94E
0011	FAF32075	000B	CCAB	3156	050D 68A5
0012	FAF32075	000C	CCAB	3156	0DFD 3691
0013	FAF32075	000D	CCAB	3156	151D 604A
0014	FAF32075	000E	CCAB	3153	116D 3688
0015	FAF32075	000F	CCAB	3153	198D 6099
0016	FAF32075	0010	CCAB	3153	21AD 6022

