

Acute TravelLogic series 4GHz Logic Analyzer

123x76x21mm³

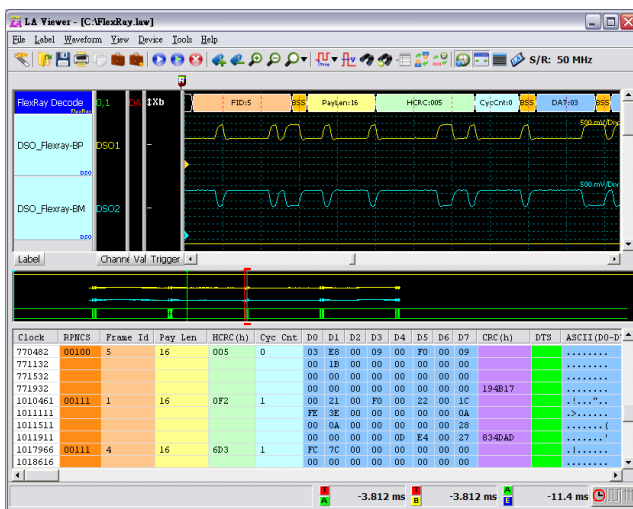


Features

- PC-Based
- USB2.0 interface/powered
- 36 channels
- 4GHz Timing analysis
- 200MHz State analysis
- 180Kb/18Mb/72Mb memory (stackable)
- Glitch trigger (500ps)
- Bus trigger (UART, I²C, I²S, SPI, CAN)
- Bus Decode (UART, I²C, I²S, SPI, CAN, FlexRay, SDIO, SVID, USB1.1,...see the other side)
- 4-conditions (16levels each) trigger
- Data logger (HD storage)
- Transitional Storage/Qualified Storage
- Stackable with Acute or other brand DSO to form a MSO
- Input Sensitivity 0.25Vpp

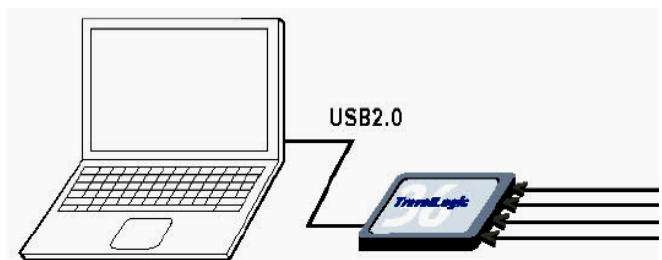
Model	Timing	State	Total Memory
TL2036	4GHz	200MHz	180Kb
TL2136	4GHz	200MHz	18Mb
TL2236	4GHz	200MHz	72Mb

Software Window



System Requirements

- Above Intel Pentium-III compatible PC (1GHz or faster recommended)
- USB2.0 port
- Windows 98/ME/2000/XP/Vista/7 OS
- 512MB Memory available
- Disk memory 80MB or more
- CD Drive for installation program
- VGA 800X600 (1024X768 or higher recommended)
- Keyboard & Mouse



Acute.

PC-based T&M Instruments

Acute Technology Inc.

Tel:886-2-2999-3275 Fax:886-2-2999-3276 E-mail: service@acute.com.tw <http://www.acute.com.tw>

TravelLogic series

Model	TL2036	TL2136	TL2236	
Power	Power Source	USB bus-power (+5V)		
	Static Power Dissipation	0.75W		
	Max Power Dissipation	<2.5W		
Hardware Interface	USB2.0 (USB1.1 Compatible)			
Timing Analysis (Max. Sample Rate)	4GHz			
State Clock Rate	200MHz			
Transitional Storage	55 bits at 5 ns resolution/5.7 years duration			
Qualified Storage	Only supports Transitional Storage			
Channels (Signal/Ground)	36/4			
Total Sample Memory	180K bits	18M bits	72M bits	
Timing vs. memory vs. available channels	Timing Analysis	Memory (bits) per channel/number of channels available		
	4GHz	2.5K/36		
	2GHz	5K/36		
	1.6GHz	32K/4	4M/4	16M/4
	800MHz	16K/9	2M/9	8M/9
	400MHz	8K/18	1M/18	4M/18
	200MHz	4K/36, 8K/18, 12K/12, 16K/9, 24K/6, 36K/4, 72K/2, 144K/1	512K/36, 1M/18, 1.5M/2, 2M/9, 3M/6, 4.5M/4, 9M/2, 18M/1	2M/36, 4M/18, 6M/12, 8M/9, 12M/6, 18M/4, 36M/2, 72M/1
Trigger	Resolution	250ps		
	Channels	36		
	Conditions	Yes(4)		
	Levels for each Condition	Yes(16)		
	Pre/Post Trigger setting	Yes		
	Pass Counter	Yes		
	Event Types	Word, Channel, Transition, Glitch, Width		
	Bus Trigger	UART, I ² C, I ² S, SPI, CAN		
	Input port (for Stack)	TTL 3.3V		
	Output port (for Stack)	TTL 3.3V		
Threshold	Range	+6V ~ -6V		
	Resolution	50mV		
	Accuracy	± 100mV + 5%*Vth		
Input Voltage	Maximum	± 40V DC 15Vpp AC		
	Sensitivity	0.25Vpp @50MHz, 0.5Vpp @150MHz, 0.8Vpp @250MHz		
Impedance	200KΩ//<5pF			
Temperature	Operating Temperature	5°C ~ 45°C (41°F ~ 113°F)		
	Storage Temperature	-10°C ~ 65°C (14°F ~ 149°F)		
Channel to channel skew	< 1ns			
Software features	Zoom In/Out	1/2048 ~ 64		
	Languages	English/Traditional Chinese/Simplified Chinese		
	Waveform Height	Adjustable		
	Save & Load Waveform	Yes		
	Print Waveform	Yes		
	Project Manager	Yes		
	Online Help	Yes		
	Export waveform to Bitmap file	Yes		
	Export waveform to Text file	Yes		
	Export waveform to PGW file	Yes		
	Trigger, auxiliary cursors	1/25		
	Data Logger	Saved to Hard Disk		
	Bus Decode	1-Wire, CAN, FlexRay, HDMI-CEC, HDQ, I ² C, I ² S, I80, IDE, JTAG, LCD1602, LIN, Lissajous, LPC, Microwire, NEC IR, PMBus, PS/2, RC-5, RC-6, SDIO, SerialVID, SMBus, S/PDIF, SPI, SSI, ST7669, UART, UNI/O, USB1.1,....		
	Line Decoding	Biphase Mark, Differential-Manchester, Manchester (Thomas, IEEE802.3), NRZI,....		
	Line Encoding	AMI (Standard, B8ZS, HDB3), Biphase Mark, CMI, Differential-Manchester, Manchester (Thomas, IEEE802.3), LT-3, NRZI, Pseudoternary,....		
Dimension	Length x Width x Height (mm ³)	123 x 76 x 21		
Lead Cable	Teflon insulated 40 lead cables (36 Signal + 4 Ground)			
Grippers	40			