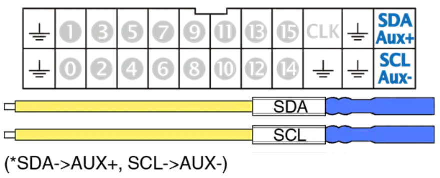
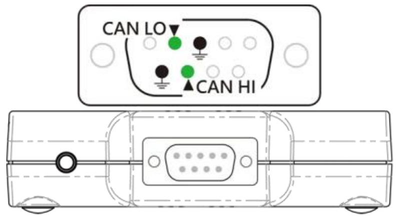
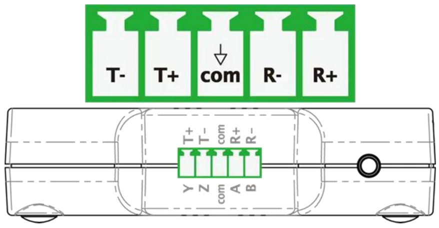
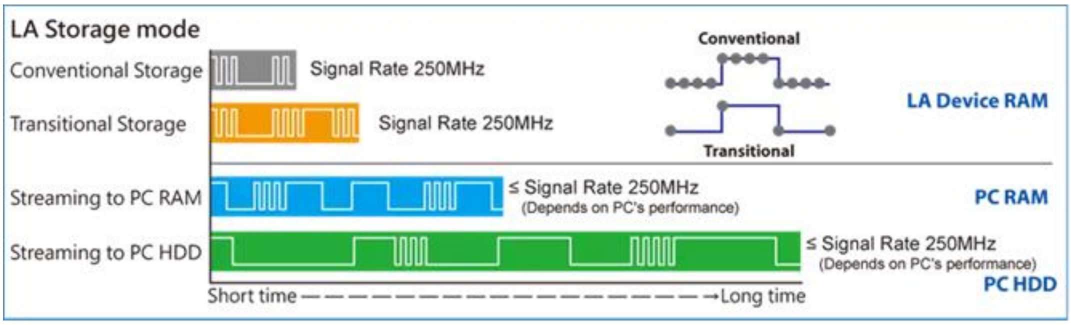
The TravelBus 3000 series is a dual-function analyzer with Logic and Protocol Analyzer modes; commonly utilized for applications in Audio, computers & peripherals, Internet of Things (IoT) and Power Management.

Provides dedicated channels for Bus Interface for direct measurement of I²C/DP_Aux, CAN2.0/CAN-FD, RS485 differential signal decoding and concurrently supports the analysis of multiple protocols.

DP_Aux Diff. Signal:	CAN 2.0B/CAN FD Diff. Signal	RS485(EIA 485)/RS422(EIA 422) Diff. Signal
		

- **Logic Analyzer Mode**
  - ✓ Capture digital waveforms and support bus decodes. Able to stack with a DSO to form as an MSO
  - ✓ Provides multiple storage modes, users could select to have long time recording or precision acquisition



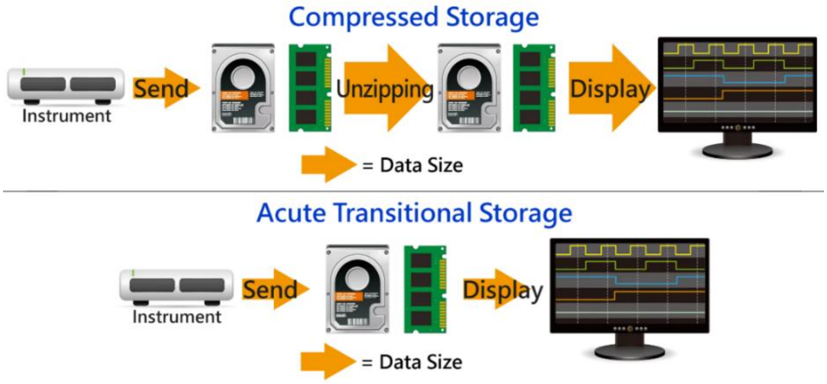
- **Protocol Analyzer (PA) Mode**

During hardware decoding, may log protocol data for very long time if without waveforms. Application timing: Preliminary protocol debug.

Protocol Analyzer	Protocol Logger	Protocol Monitor
Show real-time protocol data. Application timing: massive protocol data with some idles in between	Like data logger, save massive data into SSD hard drive. Application timing: massive protocol data	Like dash cameras, record protocol data by the device's memory only. Application timing: trigger event only happens in very long time.
		

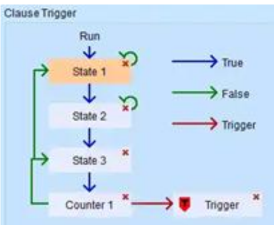
- **Long Time Record: Transitional Storage VS Compressed Storage**

For signal capture and analysis, usually require to record the signal for a long time. If data is stored in a compressed manner, it may cause the software to lag or stop functioning due to insufficient PC memory when the data is decompressing after it is sent to the computer. For smooth software operation and long-term recording without any missing data, ACUTE's analyzer adopts the method of transitional storage rather than compression. After data returns to the PC software, it does not need to perform decompression and the decoded results can be displayed upon completion of the analysis.

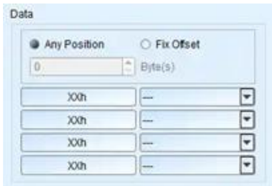


- **Other Features:**

✓ Flow chart bus triggers

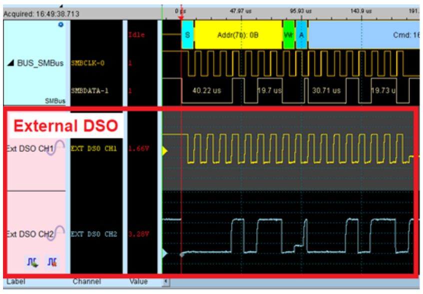


Power trigger for serial bus, 8-states flow chart setting with Counter/Timer



Detail parameters for each state

✓ Stack with ACUTE or other vendors' Digital Storage Oscilloscope (DSO) to form a Mixed Signal Oscilloscope (MSO)



✓ Add Notes & Pictures in Waveform