

Definition	CANbus TD and TDM
Protocol Setup	Select Bitrate (10, 25, 33.333, 50, 83.333, 100, 125, 250, 500, 1000 kb/s or user-defined between 10-1000 kb/s).

Decode Capability	CANbus TD and TDM
Format	Hexadecimal
Decode Setup	Threshold definition required. Default is to Percent amplitude. Select Bit Rate.
Decode Input	Any analog Channel, Memory or Math trace.
Number of Decoded Waveforms	<b>Up to 4 buses may be decoded at one time.</b> In addition, zooms can be displayed (with decoded information).
Location	Overlaid over DATA waveform, on Grid. (Use multi-grid if there is more than one decoder ON)
Visual Aid	Color Coding for FRAME, ID, DLC, DATA, CRC, Ack, Stuff Bits and Errors. Decode information is intelligently annotated based on timebase setting.

Trigger Capability	CANbus TD and TDM
Format	Hexadecimal or Binary
Trigger Setup	Trigger on All Frames, Frame ID, ID with Data, Remote Frames, or Error Frames.
Address (ID) Condition Setup	Specify one Frame ID or a range of Frame IDs. Frame ID trigger can be combined with Data.
Conditional Trigger Setup	Conditional Frame ID and Conditional Data triggering available. Choose from <=, <, =, >, >=, <>, in range, out of range or don't care conditions.
Data Setup	<b>Hexadecimal:</b> <b># Data Bytes = 0 to 8. Data can be defined by nibble. Triggers on that data pattern regardless of position.</b> <b>Binary:</b> <b>Any combination of 0,1, or X for 1-64 bits. Triggers on that data pattern regardless of position.</b>
Bit Rates	10, 25, 33.333, 50, 83.333, 100, 125, 250, 500, 1000 kb/s or user-defined between 10-1000 kb/s.
Trigger Input	Any analog Channel or the EXT input.
Trigger Design	Internal to oscilloscope, settable like any other oscilloscope trigger.

Search Capability	CANbus TD and TDM
Search Options	Search for Any Frame, Any Error or Frame ID in Hexadecimal format.

<b>Measure and Graph Capability</b>	<b>CANbus TD</b>	<b>CANbus TDM</b>
<b>CAN Timing Measurements</b>	Not Applicable	CAN-CAN, CAN-Analog, Time@CAN, CAN Message Bit rate.
<b>CAN Data Extraction</b>	Not Applicable	CAN-Value.
<b>CAN Bus Load Measurements</b>	Not Applicable	CAN Bus Load %.
<b>Graphing Functions</b>	Not Applicable	Track, Trend and Histogram of CAN measurements.