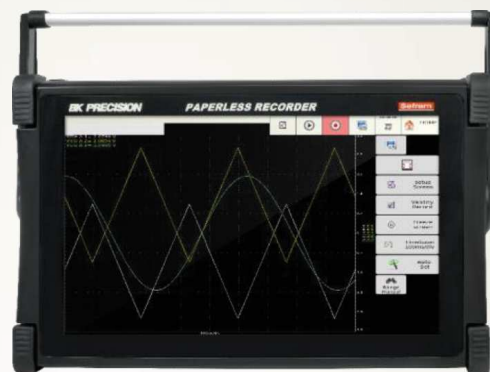


# DAS 1700

## CAN / LIN

DAS 1700 is an advanced modular Data Acquisition system that includes extra powerful tools like CAN/LIN, SENT, Power Analysis, GPS/IRIG synchronization.



### Data Acquisition features:

- High speed sampling rate a 1 MSa/s for up to 18 channels
- Maximum Voltage of 1000 V and 1000 V rms
- Power analysis up to 4 3-phase networks with 50, 400 and 1000 Hz

### CAN/LIN features:

- Supports CAN 2.0 A / B, CAN FD and LIN 1.3 / 2.X
- 2 input for CAN and 2 inputs for LIN with Sub-D9 connector
- External power from 5 to 12 V
- 8 Mbps maximum sampling rate
- Hardware filtering of CAN frames
- CAN frames recording in CSV format
- Graphical waveform conversion with analogue signal comparison
- Easy configuration of CAN / LIN inputs.

### What is the difference between CAN and LIN?

CAN and LIN are different protocols to create communication networks between networks. CAN serves high-speed, error-sensitive needs and operates on a 5 V differential bus. LIN, however, serves low-speed, low-bandwidth requirements on a 12 V single-wire bus.

LIN operates under a CAN platform, but it doesn't require the robust data rate and bandwidth performance, or the higher cost, associated with CAN, providing a low-cost, short-distance, and low-speed network, enabling the implementation of a new level of electronics intelligence in automotive subsystems.



ID	Chan.	Data	Timestamp
428585	CAN channel 0	46	3252749829
2010042	CAN channel 0	460272	1287102727
303c4c4	CAN channel 0	4502720400	3615752191
85850303	CAN channel 0	4502	1649542147
428585	CAN channel 0	44	3978626565
2010042	CAN channel 0	440272	2012979463
303c4c4	CAN channel 0	4402720400	46661631
85850303	CAN channel 0	4302	2375615491
428585	CAN channel 0	43	409470469
2010042	CAN channel 0	420272	2738790663
303c4c4	CAN channel 0	4202720400	772472831
85850303	CAN channel 0	4102	3101492227
428585	CAN channel 0	41	1135347205
2010042	CAN channel 0	400272	3464667399
303c4c4	CAN channel 0	4002720400	1498349567

