



OEM: Create Your Own Custom Memorator Interface

Don't see a Memorator that's exactly right for you? Let us build you one.

Our hardware customization services put Kvaser's 30 years of CAN development experience to work for you. You'll get best-in-class hardware, built exactly the way you need it.



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Kvaser Memorator

COMBINATION DATA LOGGERS
& USB INTERFACES

Kvaser Memorator

Combination Dataloggers & USB Interfaces

Kvaser's Memorator hardware offers incredible performance and value, as both a datalogger and CAN-to-USB Interface. Every Memorator model is carefully engineered with our customer's needs in mind, and they're compatible with software & services from over 100 technical partners.

Main Features

- Easy Plug-and-Play Installation in All USB Models
- Built-In or Expandable Storage from 1GB – 64GB
- Easy-to-Configure Logging with Kvaser's Memorator Tools Software
- 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) Identifiers
- Fully Compatible with J1939, CANopen, NMEA 2000 and DeviceNet
- Cross-Hardware Compatibility with Kvaser's API
- 2-Year Standard, Register Your Product at kvaser.com/getting-started for 1-Year Warranty Extension
- Free Technical Support on all products available by contacting support@kvaser.com
- Kvaser CANLIB SDK with API is a free resource to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi, Java, Python and Visual Basic.-
- All models comply with CE and RoHS.

Memorator Versions & Specifications

Specs	Memorator Light HS	Memorator R SemiPro	Memorator 2xHS v2	Memorator Pro 2xHS v2	Memorator Pro 5xHS
EAN	73-30130-00513-6	73-30130-00490-0	73-30130-00821-2	73-30130-00819-9	73-30130-00778-9

HARDWARE SPECIFICATIONS

# of CAN Channels	1	2	2	2	5
Logging Storage	1GB (not removable)	4GB (not removable)	Up to 64GB (SD & SDHC)	Up to 64GB (SD & SDHC)	Up to 64GB (SD & SDHC)
Casing Material	PC-ABS	Aluminium	PA66	PA66	PA66
CAN-side Connector	DSUB 9	DSUB 15	DSUB 9	DSUB 9	26-pin HD D-SUB
Dimensions	115 x 46 x 22 mm	200 x 30 x 20 mm	150 x 55 x 23 mm	150 x 55 x 23 mm	170 x 23 x 68 mm
Galvanic Isolation	No	Yes	Yes	Yes	Yes
PC-side Interface	USB	USB	USB	USB	USB
IP Class	IP40	IP65	IP40	IP40	IP40
Temp Range	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
Weight (g)	150 g	190 g	150 g	150 g	150 g
Circuit Board version available	No	No	On Request	Yes	Yes

TECHNICAL PERFORMANCE

11-bit CAN 2.0A & 29-bit CAN 2.0B	Yes	Yes	Yes	Yes	Yes
Arbitration Btrate	10-1000 kbps	10-1000 kbps	50-1000 kbps	50-1000 kbps	40-1000 kbps
Max Data Btrate	N/A	N/A	N/A	8Mbit/s	8Mbit/s
CAN FD	No	No	No	ISO & Non-ISO	ISO & Non-ISO
Clock Sync	No	Yes	No	Yes	Yes
Database Dbc Support	No	Yes	Yes	Yes	Yes
t Programming	No	No	No	Yes	Yes
Error Counters Reading	No	Yes	No	Yes	Yes
Error Frame Detection	Yes	Yes	Yes	Yes	Yes
Error Frame Generation	No	Yes	No	Yes	Yes
Messages Per Second Sending	N/A	20000	8000	20000	20000
Messages Per Second Receiving	6000	20000	8000	20000	20000
Network Channel(s)	1 x CAN HS	1 x CAN HS	2 x CAN HS	2 x CAN HS	5 x CAN HS*
On-board Buffer	No	Yes	Yes	Yes	Yes
Operating System	Windows Vista -10, Linux	Windows Vista -10, Linux	Windows Vista -10, Linux	Windows Vista -10, Linux	Windows Vista -10, Linux
Silent Mode	Yes	Yes	Yes	Yes	Yes
Timestamp Resolution	2 µs	2 µs	100 µs	1 µs	1 µs



*HD26-5xDS9 splitter included