



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.

ATI ACCURATE TECHNOLOGIES

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Kvaser Memorator

COMBINED 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



Memorator Versions & Specifications

Specs	Memorator Light HS	Memorator 2xHS v2	Memorator R SemiPro	Memorator Pro 2xHS v2	Memorator Pro 2xHS v2 CB	Memorator Pro 5xHS	Memorator Pro 5xHS CB
EAN	00513-6	00821-2	00490-0	00819-9	00869-4	00778-9	00832-8
# of CAN Channels	1	2	2	2	2	5	5
Built-in Storage	1GB	-	4GB	-	-	-	-
Removable Storage	-	SD & SDHC up to 64GB	-	SD & SDHC up to 64GB	SD & SDHC up to 64GB	SD & SDHC up to 64GB	SD & SDHC up to 64GB
Connector	DSUB 9	DSUB 9	DSUB 15	DSUB 9	Molex 51021 PicoBlade™	26-pin HD D-SUB	Molex 51021 PicoBlade™
Interface	USB						
11-bit CAN 2.0A	Yes						
29-bit CAN 2.0B	Yes						
Messages Per Second Sending	-	8,000	20,000	20,000	20,000	20,000	20,000
Messages Per Second Receiving	20,000	8,000	20,000	20,000	20,000	20,000	20,000
Timestamp Resolution	2 µs	100 µs	2 µs	1 µs	1 µs	1 µs	1 µs
Galvanic Isolation	No	Yes	Yes	Yes	Yes	Yes	Yes
CAN FD Capable	No	No	No	Yes	Yes	Yes	Yes
On-board Buffer	No	Yes	Yes	Yes	Yes	Yes	Yes
Error Frame Detection	Yes						
Error Counters Reading	No	No	Yes	Yes	Yes	Yes	Yes
Error Frame Generation	-	No	Yes	Yes	Yes	Yes	Yes
Clock Sync	No	Yes	Yes	Yes	Yes	Yes	Yes
Database Dbc Support	No	Yes	Yes	Yes	Yes	Yes	Yes
Embedded Script	No	No	No	Yes	Yes	Yes	Yes
Bitrate	10-1000 kbps	50-1000 kbps	10-1000 kbps	50-1000 kbps	50-1000 kbps	40-1000 kbps	40-1000 kbps
Silent Mode	Yes	No	Yes	Yes	Yes	Yes	Yes
Certifications	CE,RoHS						
Operating System	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux
Supported APIs	CANKing, CANlib, J2534, RP 1210						
IP Class	IP40	IP40	IP65	IP40	-	IP40	IP00
Height (mm)	22 mm	23 mm	20 mm	23 mm	-	68 mm	13 mm
Width (mm)	46 mm	55 mm	30 mm	55 mm	46 mm	23 mm	57 mm
Weight (g)	150 g	155 g	190 g	150 g	45 g	-	-
Casing Material	PC-ABS	PA66	Aluminium	PA66	-	PA66	-
Network Channel(s)	-	2 x CAN HS	1 x CAN HS	2 x CAN HS	2 x CAN HS	5 x CAN HS	5 x CAN HS
Temp Range	-40-85 °C	-20 - 70 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C
Warranty	2-Year						

*HD26-5xDS9 splitter included