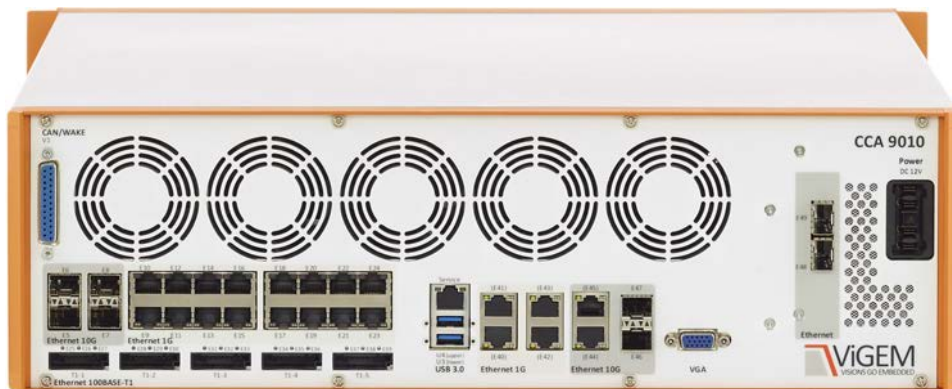# Data Logger CCA 9010

Data Sheet

The CCA records all communication and sensor data in a vehicle and saves it onto a removable data storage with up to **64 TB** capacity. Data rates with up to **25 Gbit/s** are supported by a single device, up to **75 Gbit/s** by cascaded devices.

9010

Front view: Removable data storage and data outputs

CCA

Rear view: Data in

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Data Logger CCA 9010-100 V1.0.x

Interfaces (logging)	16 x 1000Base-T Ethernet 15 x 100Base-T1 Ethernet 7 x 10G Ethernet SFP+ 6 x Wake Line 4 x CAN FD 1 x RS232
Interfaces (others)	4 x 1000Base-T Ethernet 1 x 10G Ethernet SFP+ 2 x USB 3.0 host 2 x USB 2.0 host
Data storage	Removable, easy to change
Operating voltage	Nominal: DC 12 V, crank safe
Supply current (at DC 12 V, with S1016T-C A0)	Nominal value: 16 A* Sleep mode: ≤ 10 mA* Maximum value: 35 A peak*
Operating temperature (ambient, no condensation moisture)	-15° C to 60° C*
Dimensions (H x W x D) Case only	132.6 x 448.9 x 435.5 mm (3 U height, 19" rack compatible)
Dimensions (H x W x D) Case with installations	140.1 x 482.6 x 473.55 mm
Minimum space for inserting a removable data storage	360 mm
Weight (without removable data storage)	11.5 kg
Data recording rate	Up to **25 Gbit/s*** for lossless continuous recording
Timestamp	Synchronous timestamp for all buses, synchronized using IEEE802.1AS (gPTP)
Wake-up functionality	Via CAN, 100Base-T1 and Wake Line
Protocols	IEEE 802.1AS PTP, PLP, Autosar-DLT, SOME/IP, XCP over TCP, IP camera (RTSP/RTP)
Formats of recording files	PCAP, VPCAP, MDF4

Additional features	• Seamless integration with Capture Modules for CAN FD, FlexRay, LVDS, 100Base-T1 and 1000Base-T1 Ethernet • Cascade with other CCA 9010 for higher data rates • Parallel streaming of data via Ethernet • Configuration via web interface • LUA scripting • Triggered recording with lead and follow-up time • Optional: WiFi via USB (hardware module is not included)
Compatible removable data storages: CCA S10xxT-x	Dimensions (H x W x D): 45 x 220 x 375 mm Weight: 64 TB storage → 3.9 kg 16 TB storage → 3.8 kg For more information, see the separate data sheet of the removable data storages.

* Preliminary data. Final qualification pending.

The CCA 9010-100 is a project-specific development.

Preliminary datasheet. Parameters are subject to change without notice.

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