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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight AP0200A

HP Agilent Keysight AP0200A Vehicle Network Interface 2x CAN FD The Keysight AP0200A isaUSB CAN FD vehicle network interface. OEM Automotive Networking Tools 3120-1066 lists two CAN or CAN FD channels, USB TypeA and TypeC connector choices, software-controlled CAN termination, USB-powered isolation (no external transceiver supply), reverse-battery and transient hardening, Windows 7/8/8.1/10 drivers, and standalone operation from a USB charger. Family text on the same sheet gives high-bandwidth 1 Mb/s classical CAN and up to 8 Mb/s CAN FD per channel, 64-bit timestamping to 25 ns accuracy, and ISO 15765 for CAN FD in hardware for ECU flashing. The Keysight AP0200A isaUSB CAN FD vehicle network interface. OEM Automotive Networking Tools 3120-1066 lists two CAN or CAN FD channels, USB TypeA and TypeC connector choices, software-controlled CAN termination, USB-powered isolation (no external transceiver supply), reverse-battery and transient hardening, Windows 7/8/8.1/10 drivers, and standalone operation from a USB charger. Family text on the same sheet gives high-bandwidth 1 Mb/s classical CAN and up to 8 Mb/s CAN FD per channel, 64-bit timestamping to 25 ns accuracy, and ISO 15765 for CAN FD in hardware for ECU flashing. Two-channel CAN FD monitoring, J1939/OBD2/UDS/CCP/XCP diagnostics, and USB-powered ECU flashing on bench or vehicle.



MODEL

**Agilent / Keysight
AP0200A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

AP0200A

LISTING

<https://aumictechlabs.com/products/ap0200a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight AP0200A is a dual-channel CAN/CAN FD vehicle network interface for real-time monitoring, logging, and analysis of automotive communication networks. This USB-based interface delivers deterministic data acquisition with 64-bit timestamping at 25 nanosecond accuracy, supporting CAN protocols up to 1 Mb/s and CAN FD operation to 8 Mb/s on both channels simultaneously. Fully isolated from the host PC and self-powered via USB Type-C connection, the AP0200A eliminates external power dependencies while surviving harsh automotive environments including reverse battery voltage and electrical transients.

Technical Specifications
Interface: 2x CAN or CAN FD channels
Data Rate: CAN at 1 Mb/s; CAN FD to 8 Mb/s per channel
Time-stamping: 64-bit with 25 nanosecond accuracy
Host Connection: USB Type-C (USB Type-A available as option)
Isolation: Fully isolated from PC
Power: Self-powered from USB
Operating Temperature: -5 °C to 60 °C
Connector: 9-pin D-sub with reinforced metal housing and rubber boot

Key Features
Software-controlled bus termination
Increased buffer size with double-buffered CAN transmission
Improved USB latency performance
Standalone operation via USB charger
Electrically hardened design for transient and reverse-voltage protection
Validated for sustained 100% utilization at 8 Mb/s on both channels
Ruggedized connectors resistant to mechanical shock

Typical Applications
CAN/CAN FD network development, ECU validation, message logging, protocol analysis, and node simulation in automotive test environments requiring high-bandwidth operation and deterministic timing.

Compatibility & Integration
Fully compatible with Vehicle Spy software for traffic filtering, message decoding, scripting, and node simulation. Supports direct programming via neoVI DLL, SAE J2534, and RP1210 APIs. Certified drivers available for Windows 7, 8, 8.1, and 10.

AP0200A Characteristics / Specifications

PARAMETER	VALUE
Model	AP0200A
Instrument Type	USB vehicle network interface
Can Channels	2 dedicated dual wire CAN / CAN FD (ISO 11898-2:2015)
Can Fd Support	ISO CAN FD and non-ISO CAN FD
Classical Can Baud	high bandwidth 1 Mb/s
Can Fd Baud	up to 8 Mb/s on each channel
Timestamp Accuracy	64 bit timestamping to 25 ns
Usb Power	USB powered; isolation layer self powered from USB
Usb Connectors	USB TypeAand TypeCchoices
Can Termination	software controlled
Default Classical Baud	500 kbps as shipped
Default Can Fd Baud	2 Mbps as shipped
Default Termination	disabled as shipped
Electrical Hardening	reverse battery voltage and electrical transients
Standalone Mode	USB charger standalone operating capability
Driver Support	Windows 7, 8, 8.1, and 10
Protocol Support	J1939, OBD2 on CAN, Keyword Protocol over CAN, UDS, CCP/XCP, DeviceNET, CANOpen
Flashing Support	ISO 15765 for CAN FD implemented in hardware
Api Support	neoVI DLL, J2534, Linux, RP1210, Vehicle Spy AP00000A
Manufacturer	HP Agilent Keysight
Literature	Keysight Automotive Networking Tools 3120-1066 and AP0200A user manual
Family	Keysight AP CAN FD USB interfaces
Brand Lineage	Hewlett Packard Agilent Keysight
Form Factor	compact USB CAN FD dongle

PARAMETER	VALUE
System Role	two channel CAN FD PC interface
Power Class	USB bus powered isolated transceiver
Bandwidth	1 Mb/s

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From Keysight Automotive Networking Tools 3120-1066 and AP0200A user manual (2× CAN FD, USB isolation, 1 Mb/s classical / 8 Mb/s FD, 25 ns timestamps). DB-9 pinout and OBD/J1939 cable lengths are in the AP0200A hardware chapter.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.