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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight AP1200A

HP Agilent Keysight AP1200A Multi Protocol Vehicle Network Interface The Keysight AP1200A is a multi-protocol vehicle network interface and data logger. OEM automotive-networking data sheet 3120-1066 and user guide 9018-18221 list Ethernet plus eight CAN channels (CAN FD) and four LIN channels running simultaneously with hardware time stamps, isolated high-speed USB, 32 GB microSD (cards to 128 GB), 32 MB RAM and 64 MB flash, 4.5 V to 40 V vehicle power, 3 W product rating, and a 5-second hold-up for graceful shutdown. Physical size is 138.0 mm × 88.7 mm × 39.0 mm at 300 g. Housing is anodized aluminum with rubber boots. Operating range is -5 °C to 60 °C at 50 % to 80 % RH. The Keysight AP1200A is a multi-protocol vehicle network interface and data logger. OEM automotive-networking data sheet 3120-1066 and user guide 9018-18221 list Ethernet plus eight CAN channels (CAN FD) and four LIN channels running simultaneously with hardware time stamps, isolated high-speed USB, 32 GB microSD (cards to 128 GB), 32 MB RAM and 64 MB flash, 4.5 V to 40 V vehicle power, 3 W product rating, and a 5-second hold-up for graceful shutdown. Physical size is 138.0 mm × 88.7 mm × 39.0 mm at 300 g. Housing is anodized aluminum with rubber boots. Operating range is -5 °C to 60 °C at 50 % to 80 % RH. In-vehicle CAN/LIN/Ethernet monitoring, standalone SD logging, ECU/gateway simulation, and DoIP/XCP diagnosis

**MODEL****Agilent / Keysight
AP1200A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****AP1200A****LISTING**<https://aumictechlabs.com/products/ap1200a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight AP1200A is a multi-protocol vehicle network interface for simultaneous data logging and analysis of automotive communication buses. It integrates DoIP Ethernet, 8 channels of CAN FD, and 4 channels of LIN with hardware time-stamping across all protocols. A fully isolated high-speed USB connection ensures safe PC communication while protecting host equipment. The device logs data to removable microSD storage with battery-backed real-time clock accuracy. ECU and gateway simulation, open APIs, and scripting engine support enable real-time messaging control via Keysight Vehicle Spy software. Technical Specifications Supported interfaces: 8× CAN FD, 4× LIN, Ethernet (DoIP/XCP on Ethernet) Data rate: 100 kb/s to 100 Mb/s Form factor: USB Measurement type: Communication interface Hardware time-stamping: Battery-backed real-time clock Data logging: Removable microSD card PC interface: Fully isolated high-speed USB Key Features Concurrent operation across CAN FD, LIN, and Ethernet protocols ECU and gateway simulation capabilities Open APIs for custom integration Scripting engine for real-time messaging Membrane LED display with status indicators Hardware-synchronized multi-channel logging Connectors & Accessories HD-26 network interface connector USB Type-B and USB host port Micro DB-9 connector MicroSD and micro-SIM slots Standard cables: USB A/B, Micro DB-9 to DB-9, Ethernet adapter, DB-26HD breakout Optional OBD cables with DoIP support Compatibility & Integration Keysight Vehicle Spy software for programmatic control Windows API support via automotive networking tools Open API framework for third-party development

AP1200A Characteristics / Specifications

PARAMETER	VALUE
Model	AP1200A
Instrument Type	Multi protocol vehicle network interface and data logger
Can Channels	8 CAN including CAN FD (6 dedicated dual-wire ISO 11898-2 plus 2 selectable HS/SW/LSFT)
Lin Channels	4 LIN
Ethernet Port	10/100 Ethernet for DoIP/XCP or BroadR-Reach via APM0100E
Misc Io	2 analog/PWM miscellaneous I/O channels
Usb Interface	isolated high speed USB 2.0 A/B, 2 m cable furnished
Vehicle Power	4.5 V to 40 V
Product Rating	3 W
Hold Up Time	built-in five second uninterruptible power for graceful shutdown
Memory Ram	32 MB
Onboard Flash	64 MB
Sd Card	32 GB microSD furnished; support to 128 GB; unload to 3.2 MB/s over USB
Timestamping	64 bit hardware time stamps
Housing	anodized aluminum and rubber
Length	138.0 mm (5.433 in)
Width	88.7 mm (3.492 in)
Depth	39.0 mm (1.535 in)
Product Weight	300 g (10.6 oz)
Shipping Weight	900 g (31.7 oz)
Operating Temperature	-5 °C to 60 °C
Operating Humidity	50 % to 80 % RH
Manufacturer	HP Agilent Keysight
Literature	Keysight Automotive Networking Tools 3120-1066 and AP1200A user guide 9018-18221

PARAMETER	VALUE
Family	Keysight AP vehicle network interfaces
Brand Lineage	Hewlett Packard Agilent Keysight
Form Factor	handheld rugged vehicle interface
System Role	multi bus vehicle logger and simulator
Api Support	neoVI DLL, SAE J2534, TMC RP1210 A/B
Humidity	50 % to 80 % RH

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	5 °C to 60 °C
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Operating Humidity	50 % to 80 % RH
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Literature	Keysight Automotive Networking Tools 3120-1066 and AP1200A user guide 9018-18221
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Brand Lineage	Hewlett Packard Agilent Keysight
Form Factor	handheld rugged vehicle interface
System Role	multi bus vehicle logger and simulator
Api Support	neoVI DLL, SAE J2534, TMC RP1210 A/B Notes From Keysight AP1200A user guide 9018-18221 and Automotive Networking Tools 3120-1066 (8× CAN FD, 4× LIN, 10/100 Ethernet, 4.5–40 V, 3 W, 138.0×88.7×39.0 mm, 300 g). Connector pin maps and cable SKUs are in the user guide cabling chapters.

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
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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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<https://aumictechlabs.com>

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30-day returns
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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.