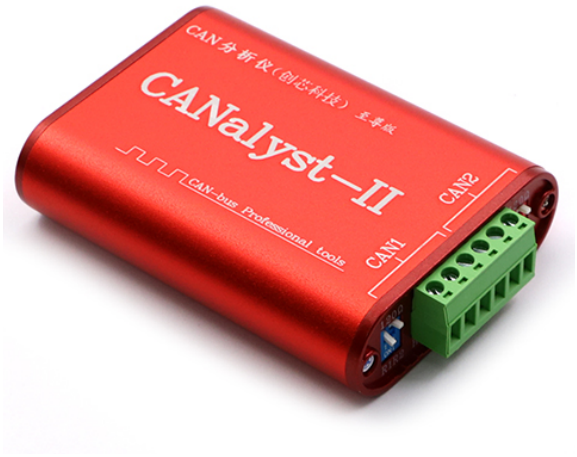
CANalyst – USB to CAN Converter Adapter
Model:CANalyst-II



Features:

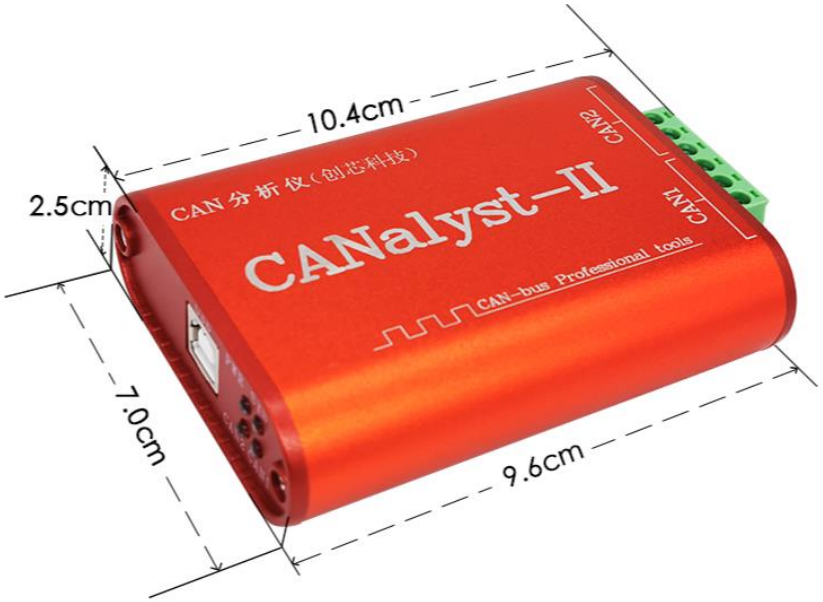
- USB and CAN-bus protocol conversion.
- USB-CAN-1(x) is a signal channel smart CAN interface module.
- USB-CAN-2(x) is a dual channel smart CAN interface module.
- The Canalyst-II Analyzer is a dual-channel intelligent CAN interface module with CAN-bus protocol analysis capabilities.
- The PC interface supports USB1.1 protocol and is compliant with USB 2.0.
- Support CAN2.0A and CAN2.0B protocols support standard and extended framework.
- Support can transmit and receive.
- Support data frame and remote frame.
- Programmable CAN-bus communication baud rate from 10Kbps to 1Mbps.
- Adopts USB bus power, eliminating the need for an external power supply.
- USB-CAN-(x)A products, no electrical isolation.

Specifications:

- USB-CAN-(x)A products: not isolated in the CAN-bus terminal.
- USB-CAN-(x)B/C products: isolated with an independently isolated DC-DC power supply module and a high-speed magnetic coupling isolation module in the CAN-bus terminal.
- Canalyst-II Analyzer: Isolated with an independently isolated DC-DC power supply module and a high-speed magnetic coupling isolation module in the CAN-bus terminal.
- Maximum data stream for single channel: 8000 fps (standard frame) for reception and 8000 fps (standard frame) for transmission.
- Buffer Size: 1000 frame length buffer for transmission (with automatic repeat transmission on failure) per channel, 2000 frame length for reception per channel.
- USB-CAN-(x)B products, adopts electrical isolation, isolation voltage is: 1000V.
- USB-CAN-(x)C products, adopts electrical isolation, isolation voltage is: 2500V.
- Canalyst-ii analyzer, adopts electrical isolation, isolation voltage is: 2500V.
- Working temperature: -20~85℃.
- Physical Size: (length) 70mm * (width) 45mm * (height) 24mm.
- Product Compatibility: The function library is similar to Guangzhou ZLG USBCAN interface module.

Typical Applications:

- Transmit or receive massages in the CAN-bus network with USB from a PC or laptop.
- Rapid CAN network data collection, data analysis.
- CAN-bus-USB gateway.
- USB interface to CAN network interface.
- Extend the length of the CAN-bus line.
- Industrial site can monitor network data.



C ANalyst-II Analyzer

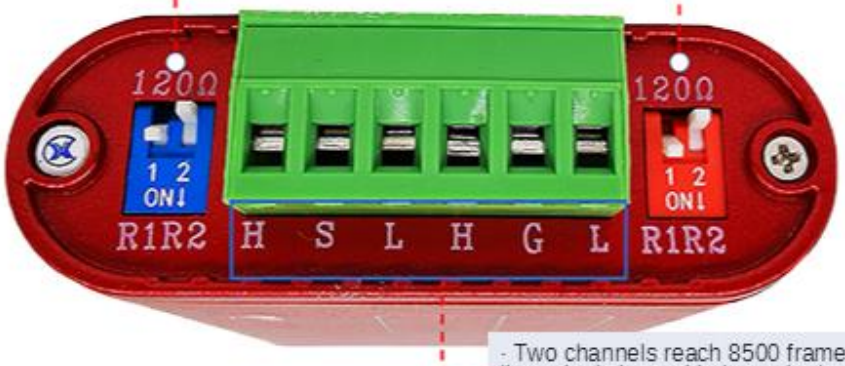
CAN analyzer series Extreme Edition/OBD edition/Top version pro

C ANalyst-II/(Extreme Edition), also known as CAN analyzer, is a product with good performance in USB CAN conversion equipment, including all functions of other USB CAN products. High cost performance. If within the budget, C ANalyst-II/(Extreme Edition) is preferred.

The obvious difference between C ANalyst-II/(Extreme Edition) and other USB CAN devices is that the CAN analyzer has protocol analysis functions such as CAN open, SAE J 1939, DeviceNET, I CAN). At present, in the application of CAN bus, it is basically CAN high-level protocol.

Interface switch

Two 120 euro terminal electronic resistance are built in each channel to facilitate point-to-point debugging. Terminal Electronic Resistance dip switch control, convenient and fast.



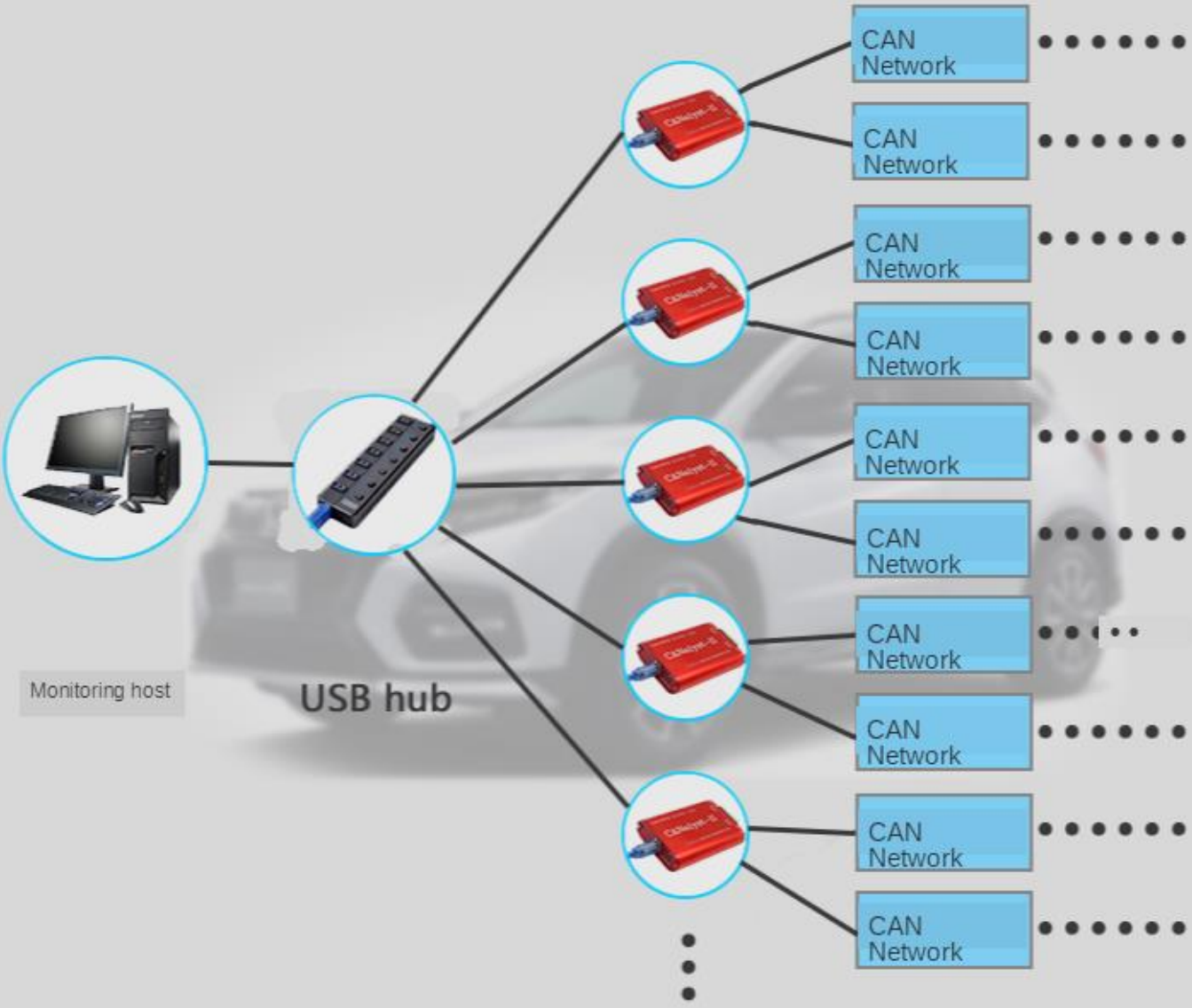
· Two channels reach 8500 frames per second at the same time, dual channel independent configuration, autonomous working, non-interference! · The two channels can communicate with each other, which is convenient for testing and learning.

- USB, CAN 1 and CAN 2 are completely isolated, truly fully isolated and do not interfere with each other! (Other merchants' products CAN 1 and CAN 2 are not isolated) support offline intelligent
- relay function, which CAN be used as repeater!

LED light set, indicating the running status of the equipment in the whole process

Machine multi-device

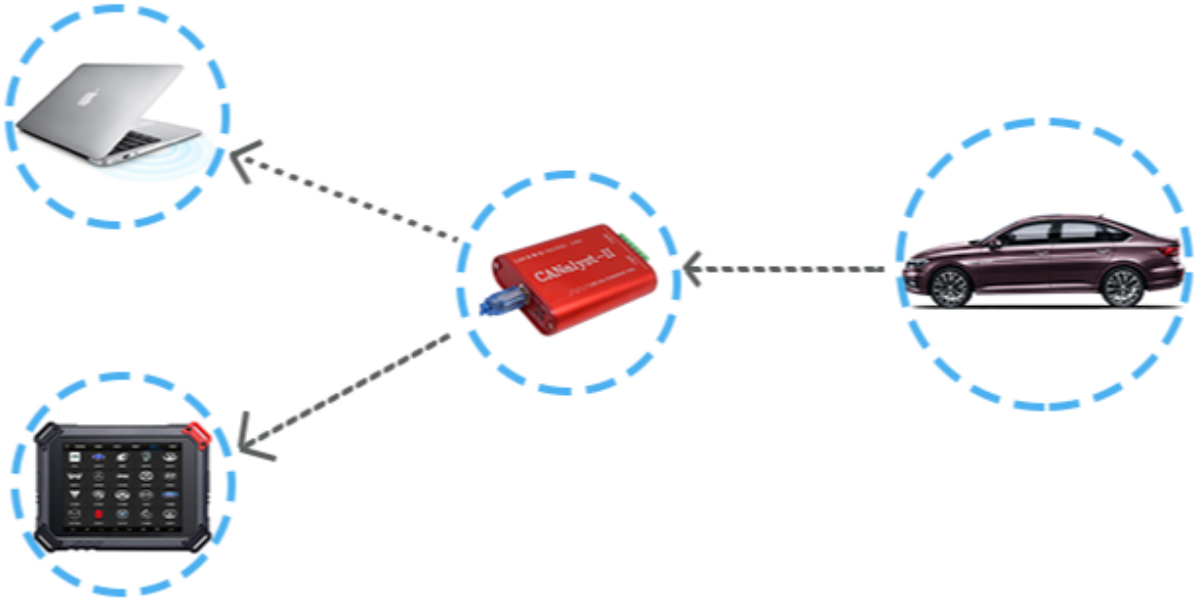
A computer CAN run multiple CAN analyzers at the same time, all of which operate independently and do not interfere with each other. After testing, 128 pieces of equipment CAN be run at most. It is applicable to situations where a monitoring device needs to monitor multiple CAN networks at the same time, or when the reliability requirement data is compared and verified.



Up to 128 devices can run simultaneously

Support relay and transparent transmission functions

Support CAN relay function to realize real-time and high-speed data exchange of 2 CAN channels under the same or different baud rates. In the relay status, the CAN 1 CAN 2 data exchange CAN be monitored in real time through PC software. At the same time, the data CAN be sent to the bus to realize transparent data transmission and CAN be used as an offline repeater, greatly extend the effective distance of data transmission



Support for multi types development environments

Efficient and easy-to-use secondary development function, supports most of the current mainstream development environments such as c++ Builder, C#, VC, VB, VB.NET, Delphi, LabVIEWLabWindows/CVI, Q, Matlab, Python/Python-can, * Linux Qt sample (support Linux system products)

Rich secondary development sample

Provide secondary development sample reference for multiple platforms multi types development environments. Complete demo source code is available free of charge, providing convenience for customers with secondary development

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