CANalyst-II (Top Pro) Analyzer

Product Specification

Specification Version: V2.07

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Model: CANalyst-II Analyzer (Top Version Pro)

Performance and Technical Specifications

- USB to CAN Bus Protocol Conversion;
- 2 CAN Interfaces Available; CAN1 is high-speed CAN and CAN2 can be software configured as high-speed CAN or fault-tolerant CAN.
- USB interface supports USB2.0 and is compatible with USB1.1;
- Supports CAN2.0A and CAN2.0B protocols, standard and extended frames;
- Supports bi-directional transmission, CAN transmit and CAN receive;
- Supports Data Frame, Remote Frame Format;
- CAN controller baud rate is selectable between 10Kbps-1Mbps and can be configured by software;
- CAN bus interface adopts high-speed magnetic coupling isolation, isolated DC-DC power supply; three-terminal full isolation (USB bus and CAN bus isolation, isolation between CAN1 and CAN2);
- Support relay function, transparent transmission function, 2500V isolation between CAN1 and CAN2;
- Traffic: Two CAN channels (when running at the same time) reach 8500 frames/s for receiving and 8500 frames/s for transmitting respectively; (two channels receive 8500 frames/s at the same time, and the USB speed can be up to 17000 frames/s without frame loss)
- USB bus powered, no external power required;
- Isolation Module Insulation Voltage: 2500V;
- Operating Temperature: -40 ~ 85 ℃;
- Case size: 104*70*25mm.
- Product compatibility: function library compatible with Guangzhou Chou Li-gong Company ZLG-USBCAN interface adapter.
- System Support: Support win10/win8/win7/xp (64bit/32bit), Linux (64bit/32bit).
- Protocol Support: Parsing of ISO 15765 protocol for petrol cars, CANOpen,

J1939, DeviceNet.

- Hardware Support: high-speed CAN, low-speed fault-tolerant CAN, single-wire CAN .

CAN bus configuration, transmission and reception can be performed directly using the supplied CANTools tool software. Users can also refer to the provided DLL dynamic link library, VC/VB routines to write their own applications and conveniently develop CAN system application software products.

There is no need to understand the complex USB interface communication protocol for secondary software development.

Implementation of the Technical Standards

EN 55032:2015

EN 55035:2017

EN IEC 61000-3-2:2019

EN 61000-3-3:2013+A1:2019

Product Appearance & Size