

CANalyst-II (Linux Version) Analyzer

Product Specification

Specification Version: V2.07

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Model: CANalyst-II Analyzer (Linux Version)

Performance and technical specifications

- Protocol conversion between USB and CAN bus;
- 2 CAN Interfaces Available
- 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;
- CANalyst-II analyser (Supreme Edition): CAN bus interface adopts high-speed magnetic coupling isolation, isolated DC-DC power supply; three-terminal full isolation (isolation between USB bus and CAN bus, isolation between CAN1 and CAN2);
- supports 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 (both channels receive 8500 frames/s at the same time, and the USB speed can reach a speed of 17000 frames/s without dropping frames);
- USB bus direct power supply, no need for external power supply;
- Isolation module insulation voltage: 2500V;
- Operating temperature: -40 ~ 85 °C;
- Case size: 104 * 70 * 25mm;
- Product compatibility: function library compatible with Guangzhou Zhou Ligong company ZLG-USBCAN interface adapter;
- System Support: Support win10/win8/win7/xp (64bit/32bit), **Linux (64bit/32bit)**.

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

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

Implementation of Technical Standards

EN 55032:2015

EN 55035:2017

EN IEC 61000-3-2:2019

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

Product Appearance & Size



