# CANalyst-II (Supreme Edition) Analyzer

# Product Specification

Specification Version: V2.07

Update Date: 2020.10.12

# Model: CANalyst-II Analyzer (Supreme Edition)

## Performance and Technical Specifications

- USB to CAN Bus Protocol Conversion;
- 2 CAN Interfaces Available
- USB interface supports USB3.0, USB2.0, compatible with USB1.1;
- Support CAN2.0A and CAN2.0B protocols, support standard and extended frames; support data frame, remote frame format;
- Supports bi-directional transmission, CAN transmit, CAN receive;
- CAN controller baud rate is selectable between 10Kbps-1Mbps and can be configured by software;
- The CANalyst-II analyzer (Supreme Edition) features high-speed magnetic coupling to isolate two CANs, a double isolated DC-DC power supply, and three-terminal full isolation. The USB and the two CANs are isolated separately, and CAN1 and CAN2 are completely isolated from each other.
- Isolation voltage level: 2500V;
- CAN1 channel built-in GDT ceramic discharge tube, which can effectively release the inrush current;
- Built-in common mode coil/common mode inductor for both CAN channels, which greatly improves the anti-interference ability;
- It supports relay function, transparent transmission function and 2500V isolation between CAN1 and CAN2;
- Traffic:When both CAN channels are active, they can receive and transmit up to 8500 frames per second each. Additionally, the USB speed can reach up to 17000 frames per second without losing any frames.
- USB bus direct power supply, no need for external power supply;
- Operating Temperature: -40 ~ 85 ℃;
- Case Size: 104*70*25mm.
- Product Compatibility: function library compatible with Guangzhou Chou Li-gong / Zhiyuan Electronic Company ZLG-USBCAN interface adapter.

The CANalyst-II (Supreme Edition) analyzer enables direct configuration, transmission, and reception of CAN buses using the supplied USBCANTools software. Users can also write their own applications and develop CAN system software products using the provided DLL dynamic link library, VC/VB, and other routines.

When using the CANalyst-II analyzer (Supreme Edition) for secondary software development, there is no need to understand the complex communication protocol of the USB interface.

## Implementing Technical Standards

EN 55032:2015

EN 55035:2017

EN IEC 61000-3-2:2019

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

# Product Appearance and Size

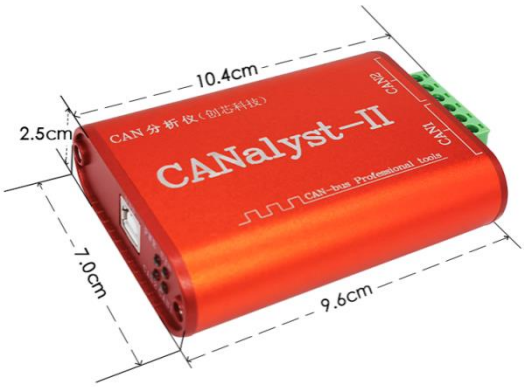
Available in red and silver (only a difference in appearance and colour)






120Ω
120Ω
R1R2 H S L H G L R1R2


USB
PWR SYS
CAN2 CAN1


10.4cm
2.5cm
CAN分析仪(创芯科技)
CANalyst-II
CAN-bus Professional Tools
CAN2
CAN1
7.0cm
9.6cm


最高器件高度
2.1cm
PCB板厚度：2mm
6.1cm
9.0cm