

# USBCAN-2C

## Product Specification

Instruction Manual Version: V2.05

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# Model: USBCAN-2C

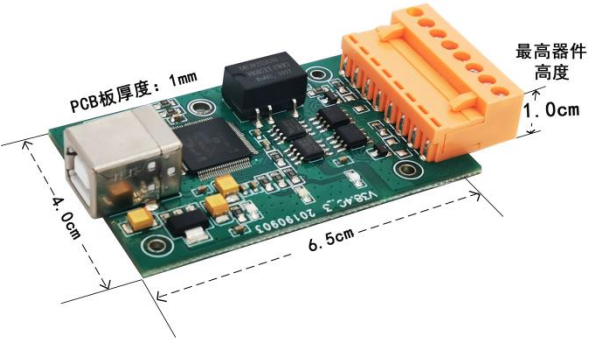
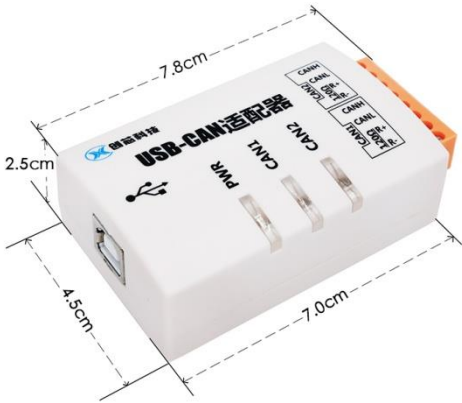
## Performance and Technical Indicators

- USB to CAN bus protocol conversion;
- 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;
- CAN bus interface adopts high-speed magnetic coupling isolation, isolated DC-DC power supply; two-end isolation (USB bus and CAN bus isolation, no isolation between CAN1 and CAN2);
- Supports relay function, transparent transmission function, no isolation between CAN1 and CAN2;
- Traffic: Two CAN channels (when running simultaneously) 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 reach a speed of 17000 frames/s without losing frames)
- USB bus direct power supply, no need for external power supply;
- Isolation module insulation voltage: 2500V; (isolated between USB and CAN1, CAN2, not isolated between CAN1 and CAN2)
- Operating temperature: -40~85°C;
- Case size: 78\*45\*25mm.
- Product Compatibility: function library compatible with Guangzhou Chou Li-gong Company ZLG-USBCAN interface adapter

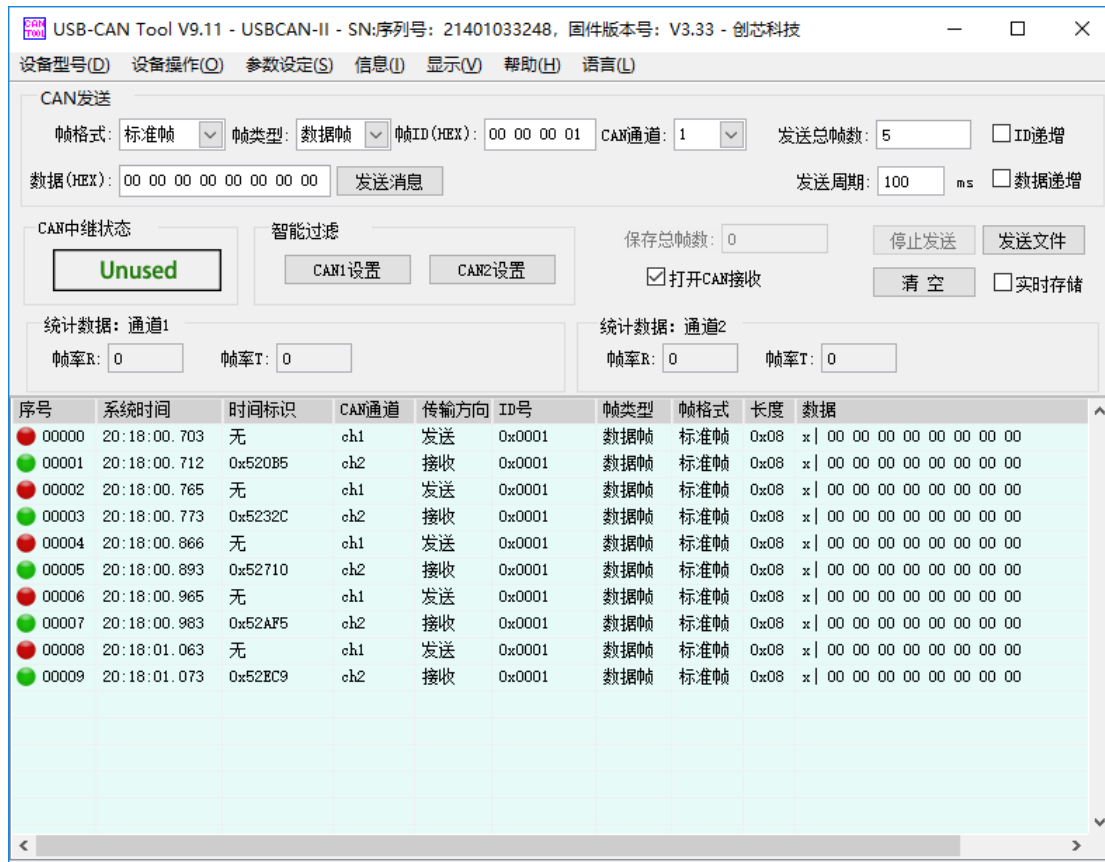
CAN bus configuration, transmission, and reception can be performed using the provided CANTools software. Users can also refer to the provided DLL dynamic connection library and VC/VB routines to write their own applications and develop CAN system software products.

For secondary software development, there is no need to have an understanding of the complex USB interface communication protocol.

# Product Appearance & Size



## Software Support



Latest USBCANtool Version: V9.11

Latest Version of Secondary Development Library: V9.0.4.