DTECH

RS232/485/422 To CAN Bus Converter

Please read the product manual carefully before using the product.
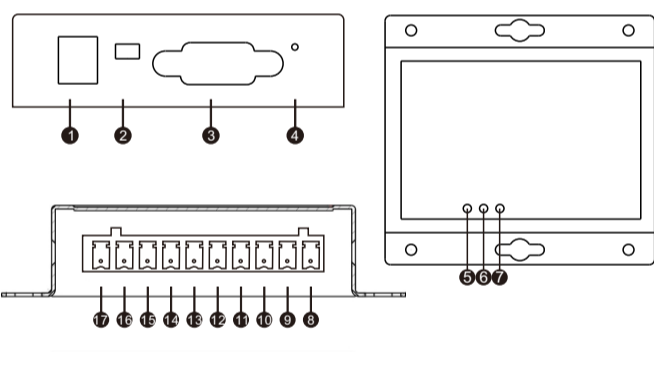
I. Product Description

The RS232/422/485 to CAN protocol industrial-grade converter can quickly connect RS232/485/422 communication equipment to the CAN Bus fieldbus. The converter supports CAN Bus communication rates of 600~230400bps and 5Kbps~1Mbps. The converter provides four data conversion modes: transparent conversion, transparent conversion with logo, format conversion, Modbus conversion.The RS232/422/485 to CAN Bus converter provides configuration software, which can flexibly set the operating parameters of the RS232/422/485 to CAN Bus converter. Wide range of application scenarios, coal mine remote communication, PLC equipment networking, existing RS232/485. The equipment is connected to CAN Bus network, industrial automation control system, intelligent building control system, power control system, railway traffic control system, etc.
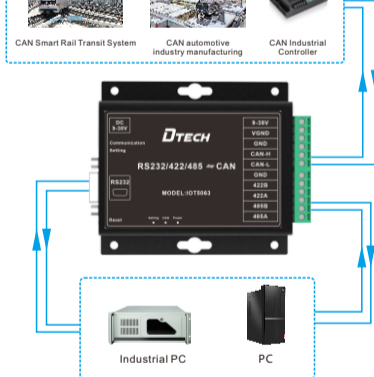
II. Specifications

1. Realize two-way data communication between CAN Bus and RS232/485/422.
2. Supports CAN2.0A and CAN2.0B protocols and complies with ISO/DIS 11898 specifications.
3. Integrated 1-channel CAN Bus communication interface, supporting user-defined communication baud rate.
4. The communication rate can be set between 600~230400bps.
5. Provide four data conversion modes: transparent conversion, transparent conversion with logo, format conversion, and Modbus conversion.
6. Support CAN Bus virtual PC serial port application.
7. The CAN-bus circuit adopts DC 4500V electrical isolation.
8. Working power supply,DC 9~38V.
9. Working environment,temperature -20℃-85℃, relative humidity 5%-95%.
10. Interface protection,±15KV ESD protection, RS485/RS422 adopts TVS tube protection.

III. Interface Indicator Description

Code	NAME	Introduction	Code	NAME	Introduction
❶	DC 9-38V	Power input interface	❿	GND	Grounded
❷	Setting/ Communication	Setting mode/communication mode toggle button: dial left for communication mode, dialright for setting mode	⓫	CAN-H	CAN-H signal
❸	RS232	RS232 signal interface	⓬	CAN-L	CAN-L signal
❹	Reset	Reset button	⓭	GND	Grounded
❺	Setting	Configuration indicator	⓮	RS422B	RS422 B communication interface
❻	CAN	CAN indicator	⓯	RS422A	RS422 A communication interface
❼	POWER	Power light	⓰	RS485B	RS485 B communication interface
❽	9-38V	Power positive input interface	⓱	RS485A	RS485 A communication interface
❾	VGND	Power grounded			

IV. Schematic Diagram Of Product Connection

● The image is only a reference.

V. Product Accessories

1.RS232/422/485 to CAN-bus converter *1
2.Aluminum rail buckle* 1
3.Power supply *1

VI. Product Configuration

Please open the browser and scan the QR code to download the product configuration.

https://www.dtechelectronics.com/uploadfile/downloads/IOT5063%20Configuration%20Manual.pdf

Product Warranty Card

Customer Information

Model：	
Date of purchasel：	
User telephone：	
User address：	
Distributor：	
Agency address：	
User telephone：	Dealer stamp valid

Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.

Electronic products are guaranteed for one year, and other products are guaranteed for two years. Damage caused by human factors or product burnout caused by improper operation is not included in the scope of warranty.