

INDUSTRIAL PRODUCT DATASHEET

USB TO RS232 / RS485 / TTL Industrial Isolated Converter

Industrial isolated USB to RS232/RS485/TTL converter with FT232RL, integrated isolation, and robust protection.

SKU

103990383

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PRICE

\$23.90(Excl. VAT)



Overview



The USB TO RS232 / RS485 / TTL Industrial Isolated Converter uses an original FT232RL for fast, stable, and reliable communication across USB to RS232, RS485, and TTL interfaces. It features onboard power and magnetic isolation, TVS surge suppression, self-recovery fuse protection, and a durable aluminum alloy enclosure.

Key Features

This is an industrial USB to RS232/485/TTL isolated converter with original FT232RL inside. It features embedded protection circuits such as power isolation, ADI magnetical isolation, and TVS diode, etc. What's more, the USB TO RS232/485/TTL comes with an aluminium alloy enclosure, make it solid and durable to work.

The USB TO RS232/485/TTL is very easy to use, fully automatic transceiving without delay. Due to its fast communication, stability, reliability, and safety, it is an ideal choice for industrial control equipments and/or applications with high communication requirement.

Features

- USB TO RS232, USB TO RS485, USB TO TTL (UART)
- Adopt original FT232RL, fast communicating, stable and reliable, better compatibility
- Onboard unibody power supply isolation, provides stable isolated voltage, needs no extra power supply for the isolated terminal
- Onboard unibody magnetical isolation, allows signal isolation, high reliability, strong anti-interference, low power consumption
- Onboard TVS (Transient Voltage Suppressor), effectively suppress surge voltage and transient spike voltage in the circuit, lightning-proof & anti-electrostatic
- Onboard self-recovery fuse and protection diodes, ensures the current/voltage stable outputs, provides over-current/over-voltage proof, improves shock resistance
- Fully automatic transceiver circuit with no delay, ensures the USB port communicates with different interfaces fastly and stably, without interfering each other
- Onboard TTL serial 3.3V/5V voltage translator, config the TTL level via switch
- Aluminium alloy enclosure with sand blasting and anodic oxidation, CNC process opening, solid and durable
- 3 LEDs for indicating the power and transceiver status
- High quality USB-B and RS232 connectors, smoothly plug/pull

Product Gallery



Part List

USB TO RS232/485/TTL	1
USB cable	1

Compliance & Logistics



HSCODE	8517180050
USHSCODE	8517180050
EUHSCODE	8517180000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/USB-TO-RS232--RS485--TTL-Industrial-Isolated-Converter-p-3231.html>
- [Wiki](#)
- [User Manual](#)
- [FT232 Driver for WIN7 32bit](#)
- [FT232 Driver for WIN 7 64bit](#)
- [Sscom software](#)

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