

USB to 4-port RS485 Converter, Industrial

Model number 28214



High-Performance | Fully Isolated | DIN Rail Mountable Built for Demanding Industrial Environments

Maximize connectivity and reliability with our rugged 8-port USB to RS485 converter. Engineered for industrial applications, this converter ensures seamless communication, system protection, and easy deployment.

Key Features

- Eight independent RS485 Ports
Connect multiple RS485 devices with a single USB interface — seamless multi-drop communication.

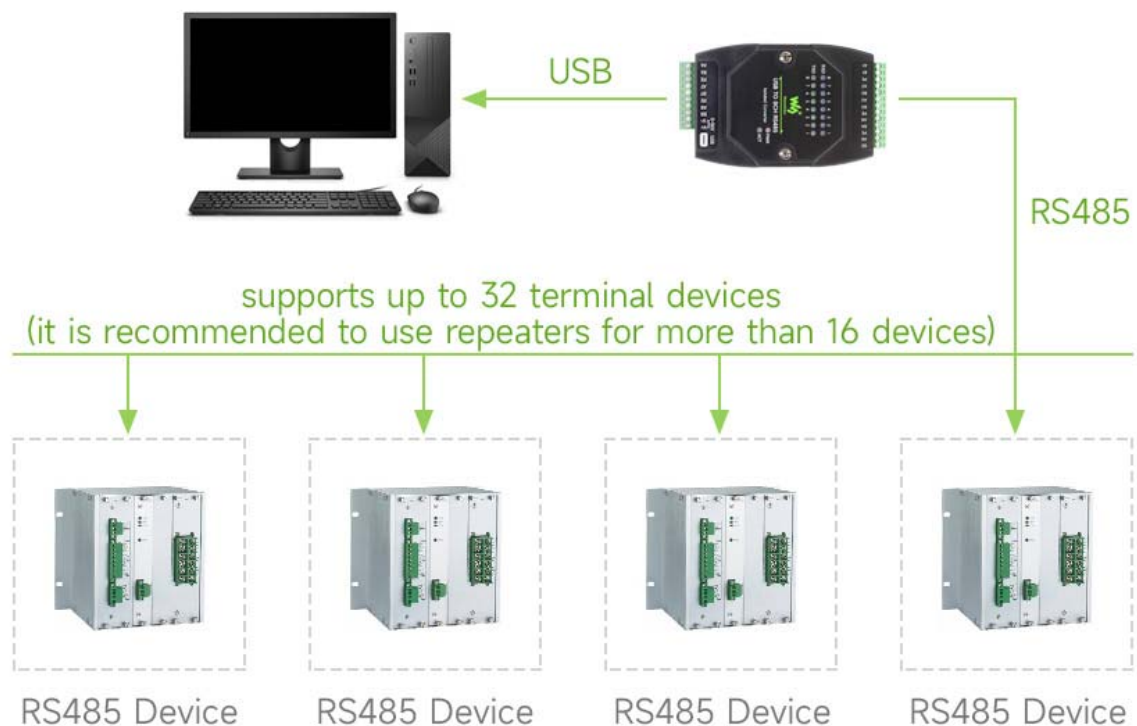
- Industrial grade isolation
Built-in isolation on each port protects your PC and devices against voltage spikes, ground loops, and electrical interference.
- DIN Rail Mountable
Easily mountable in control panels or industrial enclosures for clean, secure installations.
- Wide OS Compatibility
Works with Window and Linux — suitable for various industrial systems.
- Status LED Indicators
TX/RX and power LEDs for real-time diagnostics.
- Terminal resistors for each port
- Port powered by USB or screw terminals
- Screw terminals for RS485
- Auto detection of data speed

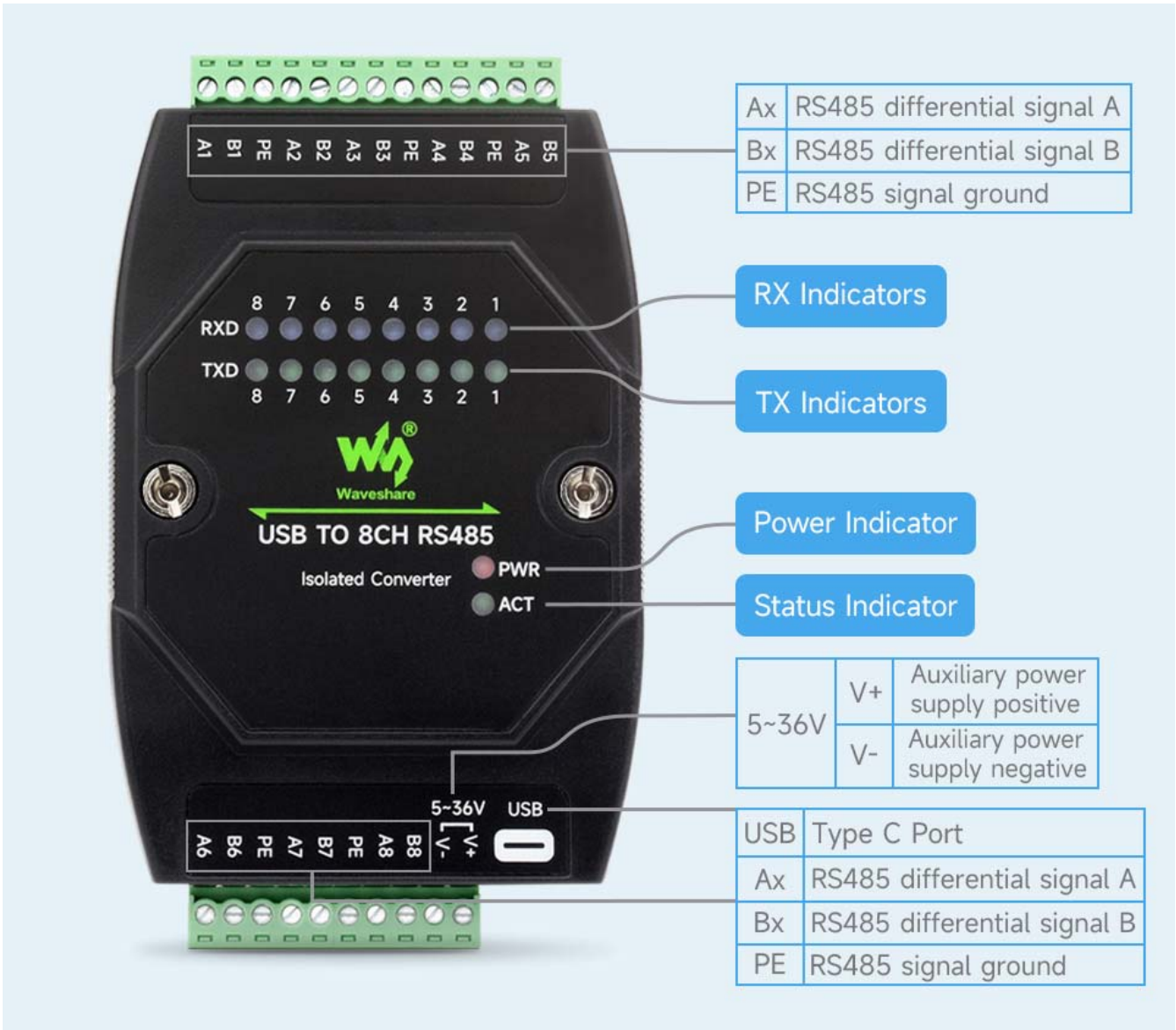
Included items

- Serial converter
- USB Type-C cable for power

SPECIFICATIONS	
Part number	28214
Operating system	• Windows 11, 10, 8.1, 8 (32/64-bit) • Linux
Processor	WCH CH348L
Power	USB Type-C (5V), screw terminal (5V~36V)
Serial interface	RS485, 2-wire half duplex, output voltage: ~5.0VDC, screw terminal blocks (A+, B- and GND)
Compatible with	Modbus RTU/ASCII, BACnet
Bias resistors	Yes
Installation method	35mm DIN rail mount
USB interface	USB Type-C, 200mA self-recovery fuse, isolated output
Indication LEDs	Power, Activity (driver detected) and TX/RX for each port
Baud rate	1200bps ~ 921600bps

Parity	None, Odd, Even, Mark, Space
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Terminal resistor	Yes 120ohm
Direction control	Automatic Send Control
COM port accessible by	Downloadable virtual COM port drivers
Electrostatic (ESD) protection	600W voltage/surge, 15KV ESD protection
Dimensions	121mm x 72mm x 34mm
Interface compliance	USB1.1, 2.0, 3.0, EIA/TIA RS-232
Regulatory compliance	FCC, CE and RoHS
Operating temp	-15°C to 70°C
Warranty	1 year limited warranty









Stackable on standard DIN Rail