

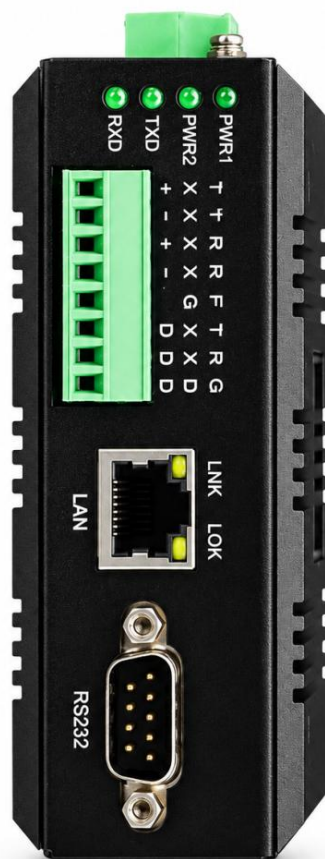
Serial to Ethernet Converter (RS232, RS485, RS422) Industrial

Connect Legacy Serial Devices to Modern Ethernet Networks.

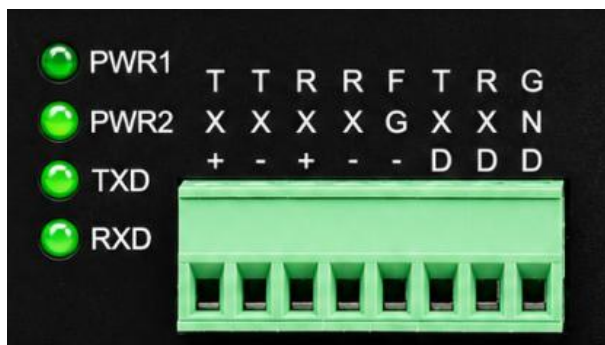
This Industrial RS232/RS422/RS485 to Ethernet Converter Server enables seamless, stable data transmission between traditional serial devices and Ethernet-based systems, even in harsh industrial environments. Built for automation, monitoring, and control applications, it delivers dependable networking where reliability matters most.

One Device. Multiple Serial Interfaces.

Support RS232, RS422, and RS485 communication in a single compact industrial unit. Easily integrate PLCs, sensors, meters, and controllers into TCP/IP networks with minimal configuration.



SPECIFICATIONS	
Model number	FCT-201-F
Operating system	Virtual COM software included for: Windows 11 32/64-bit, Windows 10 32/64-bit
Processor	ARM Cortex-M4
Serial ports	RS232, RS485, RS422
Signals	RS-422: TxD+ TxD- RxD+ RxD- RS-485 4-wires: TxD+ TxD- RxD+ RxD- RS-485 2-wires: A(TX+) B(TX-) Ground RS-232: Terminal: RXD TXD GND DB9 (male): RXD TXD GND, CTS, RTS
Flow Control	RS232: Hardware (RTS/CTS), Software (XON/XOFF), None RS485: Automatic Send Control
Serial port settings	300bps-921600bps Non-standard baud rates supported Parity: None, Odd, Even Data bits : 8, 9 Stop bits : 1, 2
LAN port	RJ45, Auto-MDI/MIDX, 2KV isolation
Protocols	TCP Server, TCP Client, UDP Server, UDP Client, DHCP, ModBus TCP/RTU
Parameter management	Web-browser
Modbus	Yes (TCP and RTU)
Power	Dual power terminals 9-70VDC
Current draw	<5W
Temperature	Working Temperature: -40°C to +85°C Storage Temperature: -40°C to +85°C
MTBF:	> 100,000 hours
Dimensions	110mm x 86mm x 40.5mm
Weight	495g
Approvals	CE, FCC, ROHS
Warranty	1 year Limited Warranty



Screw terminal I/O

- 1: RS485 D+ / RS422 TX+
- 2: RS485 D- / RS424 TX-
- 3: RS422 RS+
- 4: RS422 RX-
- 5: RS485/RS422 GND
- 6: RS232 TX
- 7: RS232 RX
- 8: RS232 GND



DB9 pin number	Name	Description
1		
2	RxD	Receive data
3	TxD	Transmit data
4		
5	GND	GND
6		
7	RTS	Ready to Send
8	CTS	Clear to Send
9		

Indication lights

Name	Color	Status	Description
PWR1	Green	On	The 1 st channel of power is connected
PWR1	Green	On	The 1 st channel of power is connected
TxD	Green	Flash	Data activity
RxD	Green	Flash	Data activity
LNK (on RJ45 port)	Green	On/flash	Ethernet is linked / data activity
LOK (on RJ45 port)	Green	On	Serial data network protocol is linked
6			
7	RTS	O	Request to send
8	CTS	I	Clear to send
9			

DIP switch definition



The DIP switches are only used for resetting the converter to factory settings.

To reset the converter: Set DIP switch 4 to the ON position, then apply power to the converter. Turn OFF the switch after power is applied. The converter will then power OFF and restart with default settings.

To access technical support, please visit the U.S. Converters website at: www.USconverters.com.

Here you will find: - Latest drivers and updates for download - Technical tips - Documentation -

Configuration support - and much more... Feel free to contact our technical support team at

mail@usconverters.com with any issues. Copyrights © U.S. Converters