

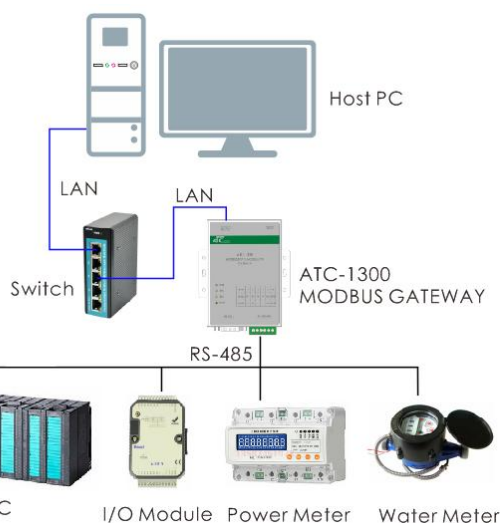
Product Features

- RS-232/422/485 3 in 1 interface
- Support 10/100Mbps Ethernet port
- Support max 16 TCP sockets
- Automatic data direction control on RS-485
- Supports 24VDC industrial power supply
- Terminal block easily for RS-422/485 installation
- Configure via webpage and windows utility
- Built-in watchdog
- CE, RoHS and FCC Certifications



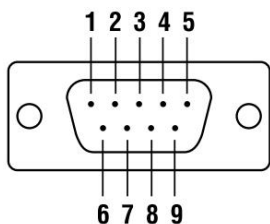
Product Description

Modbus TCP and Modbus RTU is an industry adopted communication protocol that is based on RTU protocols for various of applications; These two protocols are commonly used by a lot of equipment in the industry. Such as DCS, PLC, HMI, I/O module, Power meters, various sensors and measuring instruments. ATC-1300 support the standard Modbus protocol and is capable of converting the Modbus protocols between Modbus TCP (Master) to Modbus RTU (Slave). It's a simple and cost effective Modbus Gateway. ATC-1300 which support three most commonly used serial communication interfaces, RS-232, RS-422 and RS-485. It also provides a web-based configuration UI, so the users can select the serial interface easily.



Pin Assignment

RS-232 DB-9(Male)



PIN	RS-232
1/4/6/9	—
2	RXD (in)
3	TXD (out)
5	GND
7	CTS (out)
8	RTS (in)

RS-485/422 6-pin Terminal block

1	2	3	4	5	6
485+ (R+)	485- (R-)	T+	T-	VCC (9~24VDC)	GND

Package Checklist

- ATC-1300 1-Port Modbus Gateway 1 PCS
- Power Adapter 9V 1 PCS
- DIN Rail Mounting Kit(DK-32) (Optional)

Order Information

ATC-1300 1- Port Modbus Gateway

Specifications

Serial Interface		
Interface Type	RS-232/422/485 3 in 1	
Data Rate	1200bps ~ 115200bps(RS-232),1200bps ~ 921600bps(RS-422/485)	
Data Length	5,6,7,8 bits	
Parity	Odd, Even, None	
Stop Bits	1,1.5,2 bits	
Flow Control	None, Hardware: Xon/Xoff	
Connector	RS-232	DB-9 Male Connector
	RS-485/422	6-pin Terminal Block
Serial Line Protection	600W for RS-232, RS-422/485	
Network Interface		
Interface Type	Ethernet 10/100Mbps (Auto-Sensing)	
TCP Socket	16 (max)	
Connector	8-pin RJ-45	
Isolation Protection	Built-in 1.5KV	
Protocol	Modbus TCP/ Modbus RTU	
Software		
Network Protocols	TCP,DHCP, HTTP SERVER,DNS CLIENT	
Configure Options	Web Page,Windows Utility	
OS support	Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/XP x64/2003 x64/WIN7 x64/WIN8 x64、Linux real、TTY、UNIX	
LED Indicators	LINK	Link Activity Indicator
	TXD	Ethernet to transmit data to the serial port Indicator
	RXD	Serial port to transmit data to Ethernet Indicator
	PWR	Power indicator
Power Supply	9~24VDC@0.5A	
Physical Characteristics		
Installation	DIN-Rail Mounting (optional)	
Housing	Iron (1mm)	
Weight	0.5Kg	
Dimensions	Without ears	100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)
	With ears	100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)
Environmental Limits		
Operating Temperature	-40 ~ 70°C (-13 ~ 158°F)	
Storage Temperature	-40 ~ 85°C (-40 ~ 185°F)	
Humidity	5% to 95%(non-condensing)	
Standards and Certifications		
RoHS, CE, FCC		

Contact us

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