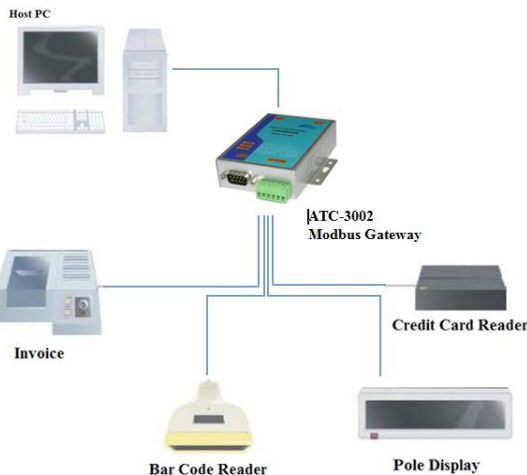## Product Features

- RS-232/422/485 3 in 1 interface
- Support 10/100Mbps Ethernet port
- Supports 4-wire and 2-wire RS-485 work mode
- 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
- Supports virtual serial port,TCP Server/Client and UDP work mode
- Built-in watchdog
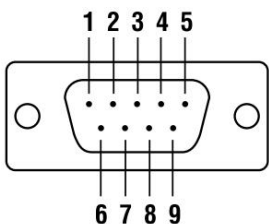- CE, RoHS and FCC Certifications

Product Description

Modbus is an industry adopted communication protocol that is based on RTU, ASCII, and TCP protocols for various of applications; these three protocols are commonly used by a lot of equipments in the industry, such as DCS, PLC, HMI, power meters, various sensors and measuring instruments. ATC-3002 series supports the standard Modbus protocol and is capable of converting the Modbus protocols between Modbus RTU/ASCII (Master) to Modbus TCP (Slave). It's asimple and cost effective Modbus Gateway.

ATC-3002 series which supports the 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+(T+)	485-(T-)	R+	R-	VCC(9~48VDC)	GND

Order Information

ATC-3002　　One port Modbus Gateway

Package Checklist

- ATC-3002　 1-Port Modbus Gateway 1 PCS
- Power adapter 9V

Specifications

Serial Interface		
Interface Type		RS-232/485/422 3 in 1
Data Rate		300bps ~ 115200bps
Data Length		7,8 bits
Parity		Odd, Even, None
Stop Bits		1,,2 bits
Flow Control		None, Hardware: RTS/CTS
Connector	RS-232	DB-9 male
	RS-485/422	6-pin Terminal block
Serial Line Protection		600W for RS-232, RS-485/422
Network Interface		
Interface Type		Ethernet 10/100Mbps (Auto-Sensing)
Connector		8-pin RJ-45
Isolation Protection		Built-in 1.5KV
Protocol		ModBus TCP/ASC/RTU,SNMP,HTTP
Software		
Network Protocols		ARP, UDP/IP, TCP/IP, PING/ICMP, DHCP, BOOTP, Auto IP,TFTP, SNTP ,TELNET ,HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE. SSL/TLS,HTTPS
Configure Options		Web Page,Windows Utility,Telnet
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
	ACT	Data Transmitting between Serial and Ethernet 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		9~48VDC
Physical Characteristics		
Installation		DIN-Rail Mounting
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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NOTES:ATC company has been move to Foshan on March 29.2019

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