

Product Features

- ◆ 3-in-1 RS-232/422/485 interface Max.230Kbps
Serial interface and 10/100 Mbps Ethernet
- ◆ Supports 4- and 2-wire RS-485 with
AUTO-SEND™ and built-in terminator
- ◆ Terminal block accessories for easy RS-422/485
serial wiring
- ◆ Ease-of-use in Modbus protocol conversion
include RTU, ASCII and TCP
- ◆ Monitor, manage and control industrial field
devices remotely
- ◆ Configuration: Web Server page/Serial Console/
Telnet Console
- ◆ Monitor IP configuration utility for Windows
- ◆ Upgrade firmware from remote-PC via Ethernet
- ◆ Supports industrial 24 VDC power input and
optional Power over Serial
- ◆ POWER/COM/LAN/RUN LED indication pin

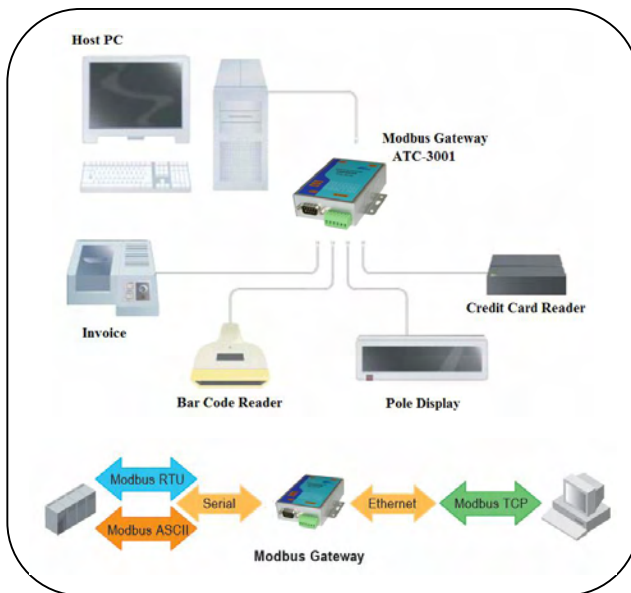


Product Description

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-3001 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 a simple and cost effective Modbus Gateway.

Diverse Hardware Infrastructure

ATC-3001 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.



Order Information:



Model No.	Description	Serial Type	Serial No.
ATC-3000	TCP/IP to Single Port Converter	232/422/485	1
ATC-3001	1-port Modbus Gateway	232/422/485	1

Specifications

Serial Interface	
Data Rates	1200 bps to 230,400 bps
Characters	7 or 8 data bits
Parity	Odd, Even, None, Space, Mark
Stop Bits	1 or 2
Flow Control	None, Software: Xon/Xoff, Hardware: RTS/CTS
Connector	DB9-DTE (Male), Removable 6 bit Terminal Block
Network Interface	
Interface	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
Connector	RJ45
Protocol	ModBus TCP/ASC/RTU,SNMP,HTTP,
Indicators (LED)	
<ul style="list-style-type: none"> I 10/100Base-TX Link I Date Sending / Receiving between Serial and the Ethernet I Power indicator 	
Software	
Configuration	Web Page / Telnet / Serial console / Windows utility
DeviceView	Windows port redirection software
System	
CPU	16-bit x86 Embedded CPU
Memory	512 Kbytes Flash, 512Kbytes SDRAM, 512Kbytes EEPROM
Watchdog	ASIC Hardware built-in
Link Mode	Modbus TCP, ASC, RTU
Power	
Input Voltage	8-24 VDC@500mA
Physical Specifications	
Dimensions	95 x 65 x 25 mm
Weight	0.4 kg
Installation	DIN-Rail Mounting
Operating temperature	-4° to158° F (-20° to 70° C)

Contact us now for more information:

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