

### 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

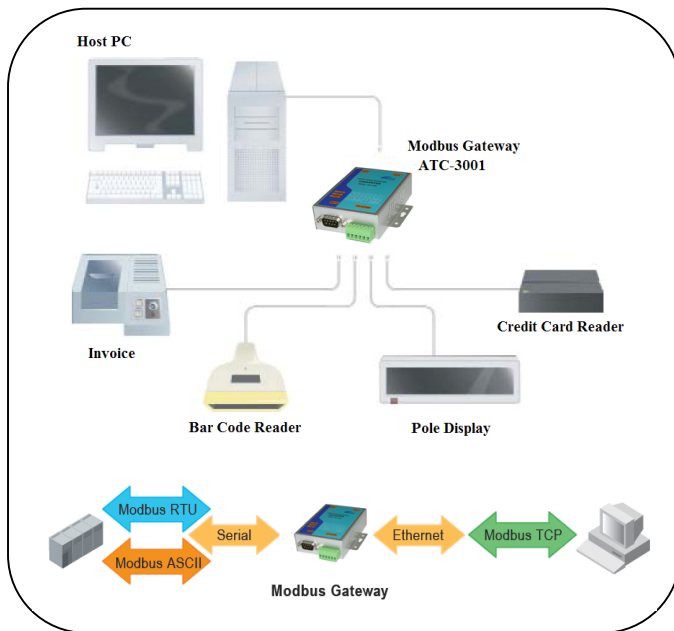


### Product Description

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 115,200 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)			
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		
Device View	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	100 x 86 x 26 mm	Weight	0.45 kg
Humidity	5 to 95% (non-condensing)		
Installation	DIN-Rail Mounting		
Operating temperature	-4° to158° F (-20° to 70° C)		

Contact us now for more information:

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