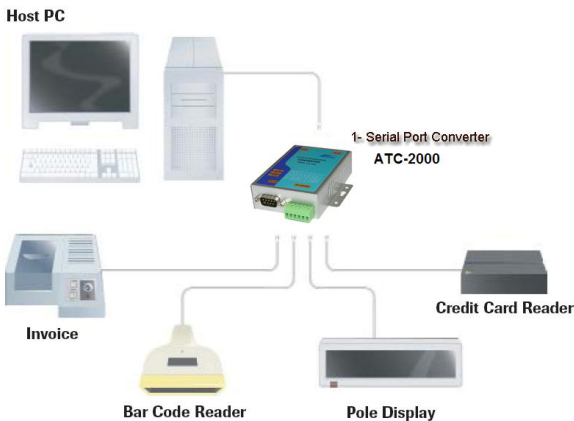## Product Features

- 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
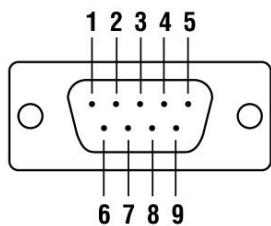- Built-in watchdog
- CE, RoHS and FCC Certifications

Product Description

The ATC-2000 is a RS232/485/422 to TCP/IP converter integrated with a robust system and network management features designed for industrial equipment to be accessed and controlled via Intranet or Internet. By integrating RTOS (Real Time Operating System) and complete TCP/IP protocol stack capability, ATC's ATC-2000 provides not only a robust and high performance system to make your device connecting to Network, but also ease installation and Internet access. The ATC-2000 Web Configuration is a breeze to operate and totally independent of the operating system platform you use.

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(9~32VDC)	GND

Order Information

ATC-2000   One port RS-232/485/422 Serial Server   RS-232/422/485

ATC-2000M   5V TTL Serial Server Embedded Module   5V TTL serial port

Package Checklist

- ATC-2000 serial server 1 PCS
- Documentation and software CD 1PCS
- Power adapter 9V

Specifications

Serial Interface		
Interface Type		RS-232/485/422 3 in 1 (optional)
Data Rate		1,200bps to 230,400 bps
Data Length		5,6,7,8 bits
Parity		Odd, Even, None, Space, Mark
Stop Bits		1,2 bits
Flow Control		None, Software: Xon/Xoff, Hardware: RTS/CTS
Connector	RS-232	DB-9 male
	RS-485/422	6-pin Terminal block
Serial Line Protection		600W for RS-232,1000W for RS-485/422
Network Interface		
Interface Type		Ethernet 10/100Mbps (Auto-Sensing) ,Half/Full Duplex
Connector		8-pin RJ-45
Magnetic Isolation Protection		Built-in 1.5KV
Software		
Network Protocols		ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP
Configure Options		Web Page,Windows Utility
OS support		Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10
LED Indicators	LINK	10/100Base-TX Link & Activity Indicator
	ACT	Date Transmitting between Serial and Ethernet
	PWR	Power indicator
Power Supply		8-24 VDC@500mA
Physical Characteristics		
Installation		DIN-Rail Mounting
Housing		Iron (1mm)
Weight		0.45Kg
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		-20 ~ 70°C (-4 ~ 158°F)
Storage Temperature		-40 ~ 85°C (-40 ~ 185°F)
Ambient Relative Humidity		5% to 95%(non-condensing)
Standards and Certifications		
		RoHS, CE, FCC

Contact us

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