

Model ATC-2000

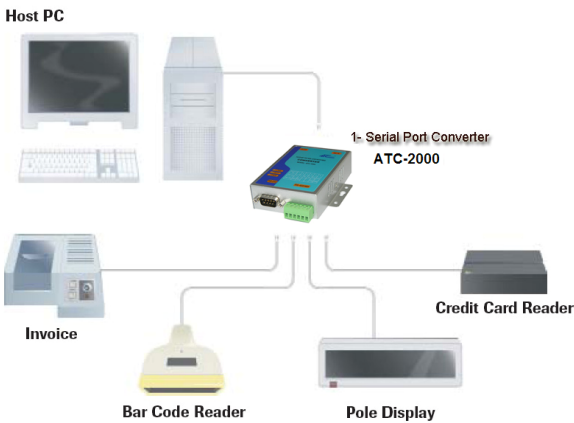
Product Features

- Ø RS-232/422/485 3 in 1 interface
- Ø Support 10/100Mbps Ethernet port
- Ø Supports 4-wire and 2-wire RS-485 work mode
- Ø Automatic data direction control on RS-485
- Ø Supports 24VDC industrial power supply
- Ø Terminal block easily for RS-422/485 installation
- Ø Configure via webpage and windows utility
- Ø Supports virtual serial port, TCP Server/Client and UDP work mode
- Ø Built-in watchdog, system never halt.
- Ø CE, RoHS and FCC Certifications



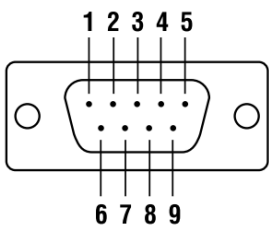
Product Description

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(9~32VD)	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

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

Specifications

Serial Interface		
Interface Type	RS-232/485/422 3 in 1	
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	15 KV ESD and 600W Surge protection	
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	
Security	Username and Password for Webpage management	
Backup and Restore Configuration	Yes	
OS support	Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/XP x64/2003 x64/WIN7 x64/WIN8 x64, Linux real、TTY、UNIX	
System		
CPU	16 bit CPU, 100MHz	
Memory	256KB ROM, 768KB SDRAM	
LED Indicators	LINK	10/100Base-TX Link & Activity Indicator
	ACT	Date Transmitting between Serial and Ethernet
	PWR	Power indicator
Power Supply	9-24VDC (Power consumption : 250mA max)	
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 ~ 176°F)	
Ambient Relative Humidity	5% to 95%(non-condensing)	
Standards and Certifications		
RoHS, CE, FCC		