

Model ATC-2000

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
- CPU: 16 bit CPU, 100MHz
- Memory: 256KB ROM, 768KB SDRAM
- Built-in watchdog, system never halt.
- Username and Password for Webpage management
- Built-in HTTP server for easy remote installation and management via Web Browser.
- Support Backup and Restore Configuration
- CE, RoHS and FCC Certifications

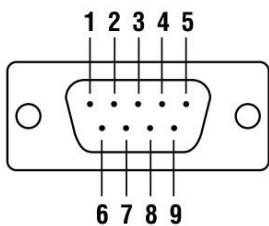


Product Description

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

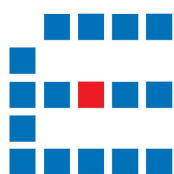
Package Checklist

- ATC-2000 serial server 1 PCS
- Documentation and software CD 1PCS
- Power adapter 9V 1 PCS
- DIN Rail Mounting Kit(DK-32) (Optional)

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		

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