

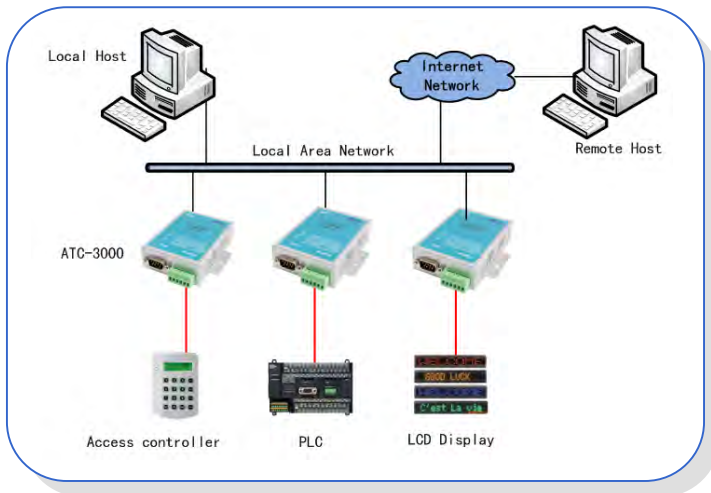
Product Features

- 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



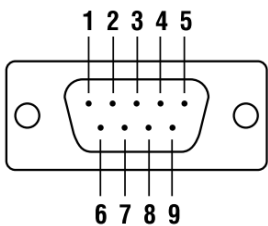
Product Description

The Embedded Serial Server ATC-3000 is a gateway between Ethernet (TCP/IP) and serial device. It can be built into any facilities or equipments, and converts any serial port to Ethernet network. By using this unit, limited distance, point-to-point, direct serial connections can now be extended to the facility or equipment. In the industrial and manufacturing automation, ATC-3000 can be embedded into most field devices, include PLC, HMI, Bar-code Scanners and so on. Flexible configuration options allow the unit to be setup remotely over Ethernet by Telnet, web browser, or other windows utilities. It is not only a transparent, cost effective, network-enabled serial device, but also it is easy to install.



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-3000 One port RS-232/485/422 Serial Server RS-232/422/485

- Ø ATC-3000 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	300bps ~ 460.8Kbps	
Data Length	5,6,7,8 bits	
Parity	Odd, Even, None, Space, Mark	
Stop Bits	1,1.5,2 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/Auto duplex	
Connector	8-pin RJ-45	
Isolation Protection	Built-in 1.5KV	
Software		
Network Protocols	ARP, UDP/IP, TCP/IP, PING/ICMP, DHCP, BOOTP, Auto IP,TFTP, SNMP ,TELNET ,HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE,HTTPS	
Configure Options	Web Page,Windows Utility,Telnet	
Security	Username and Password for Webpage management	
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	Embedded high-performance 32-bit network processor, 32-bit RISC (NP7/9 series), 100MHz	
Memory	32MB RAM, 64MB flash	
LED Indicators	LINK	Link Activity Indicator
	SPD	10/100Base-TX Indicator
	ACT	Data Transmitting between Serial and Ethernet Indicator
	PWR	Power indicator
Power Supply	9~32VDC (Power consumption : 250mA max)	
Physical Characteristics		
Installation	DIN-Rail Mounting	
Housing	Iron (1mm)	
Weight	0.5Kg	
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	-25 ~ 70°C (-13 ~ 158°F)	
Storage Temperature	-40 ~ 85°C (-40 ~ 176°F)	
Ambient Relative Humidity	5% to 95% (non-condensing)	
Standards and Certifications		
RoHS, CE, FCC		