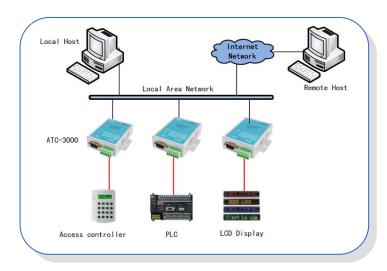




Model ATC-3000

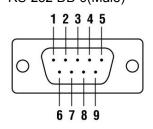
Product Features

- 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



Pin Assignment

RS-232 DB-9(Male)



PIN	RS-232	
1/4/6/9	1	
2	RXD(in)	
3	TXD(out)	
5	GND	
7	CTS(out)	
8	RTS(in)	

Order Information

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



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.

RS-485/422 6-pin Terminal block

1	2	3	4	5	6
485+(R+)	485-(R-)	T+	T-	VCC (9~32VDC)	GND

Package Checklist

- ➤ ATC-3000 serial server 1 PCS
- Documentation and software CD 1PCS
- Power adapter 9V

Specifications

Interface Type	lark e: RTS/CTS nale				
Data Rate 300bps - 460.8Kbps	lark e: RTS/CTS nale				
Data Length S.6,7,8 bits	e: RTS/CTS nale				
Parity	e: RTS/CTS nale				
Stop Bits	e: RTS/CTS nale				
River Restrict R	nale				
Connector RS-232 RS-485/422 DB-9 male factor membral block Serial Line Protection 600W for RS-232,1000W for RS-485/422 Network Interface Interface Type Ethernet 10/100Mbps (Auto-Sensing) Connector 8-pin RJ-45 Isolation Protection Software Network Protocols ARP, UDP/IP, TCP/IP, PING/ICMP, DHCP, BOOTP, Auto IP,TFTP, SNTP ,TELNET ,HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE. SSL/TLS,HTTPS Configure Options Web Page,Windows Utility,Teinet OS support Windows95/98/MEINT/2000/XP/2003/WIN/WIN/RW/WIN/10 LLINK LINK Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator Power Supply Power Indicator Power Supply 9-32VDC@1A 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 × 67 × 2	nale				
Connector RS-485/422 6-pin Terminal block Serial Line Protection 600W for RS-232,1000W for RS-485/422 Network Interface Ethernet 10/100Mbps (Auto-Sensing) 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, SNTP, TELNET, HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPGE. SSL/TLS,HTTPS Configure Options Web Page,Windows Utility,Telnet OS support Windows95/98/ME/INT/2000/XP/2003/WIN7/WIN8/WIN10 LED Indicators LINK Link Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator Power Supply Power indicator 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 × 67 × 26 mm(3.94 × 3.39 × 1.02 in) Environmental Limits Operating Temperature -25 ~ 70°C (-13 ~					
RS-485/422 6-pin Terminal block	nal block				
Network Interface Ethernet 10/100Mbps (Auto-Sensing) 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, SNTP ,TELNET ,HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE. SSL/TLS,HTTPS Configure Options Web Page, Windows Utility, Telnet OS support Windows95/98/MEINT/2000/XP/2003/WIN7/WIN8/WIN10 LINK Link Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator Power Supply 9-32VDC@1A Physical Characteristics Installation 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 (-40 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)					
Interface Type	600W for RS-232,1000W for RS-485/422				
Connector 8-pin RJ-45 Isolation Protection Built-in 1.5KV Software ARP, UDP/IP, TCP/IP, PING/ICMP, DHCP, BOOTP, Auto IP,TFTP, SNTP, TELNET, HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE. SSL/TLS,HTTPS Configure Options Web Page, Windows Utility, Telnet OS support Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10 LED Indicators LINK Link Activity Indicator SPD 10/100Base-TX Indicator Power Supply Power indicator Power Supply 9-32VDC@1A 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) Ambient Relative Humidity 5% to 95%(non-condensing)					
Solation Protection	Ethernet 10/100Mbps (Auto-Sensing)				
Network Protocols ARP, UDP/IP, TCP/IP, PING/ICMP, DHCP, BOOTP, Auto IP,TFTP, SNTP, TELNET, HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPGE. SSL/TLS,HTTPS Configure Options Web Page, Windows Utility, Telnet Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10 LINK LINK LINK Link Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator PWR Power indicator Power indicator Physical Characteristics Installation DIN-Rail Mounting Housing Without ears Dinensions Without ears 100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in) With ears Operating Temperature -25 ~ 70°C (-13 ~ 158°F) Storage Temperature -40 ~ 85°C (-40 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)	8-pin RJ-45				
Network Protocols ARP, UDP/IP, TCP/IP, PING/ICMP, DHCP, BOOTP, Auto IP,TFTP, SNTP ,TELNET ,HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE. SSL/TLS,HTTPS Configure Options Web Page, Windows Utility, Telnet OS support Windows95/98/ME/NT/2000/XP/2003/WINT/WIN8/WIN10 LED Indicators LINK Link Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator Power Supply Power indicator 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 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)	Built-in 1.5KV				
DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE. SSL/TLS,HTTPS Configure Options Web Page,Windows Utility,Telnet Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10 LINK LINK LINK Link Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator PWR Power indicator Power Supply Physical Characteristics Installation DIN-Rail Mounting Housing Iron (1mm) Weight 0.5Kg 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 ~ 185 °F) Ambient Relative Humidity 5% to 95%(non-condensing)					
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Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10 LED Indicators LINK Link Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator Power Supply 9~32VDC@1A Physical Characteristics Installation 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 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)					
LINK Link Activity Indicator SPD 10/100Base-TX Indicator ACT Date Transmitting between Serial and Ethernet Indicator PWR Power indicator Power indicator Power indicator Physical Characteristics Installation DIN-Rail Mounting Housing Iron (1mm) Weight 0.5Kg 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 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)	·				
SPD					
ACT Date Transmitting between Serial and Ethernet Indicator Power Supply 9~32VDC@1A Physical Characteristics DIN-Rail Mounting 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 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)	Indicator				
ACT Date Transmitting between Serial and Ethernet Indicator	10/100Base-TX Indicator				
Power Supply 9~32VDC@1A 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 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)	Date Transmitting between Serial and Ethernet Indicator				
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 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)	dicator				
Installation	9~32VDC@1A				
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 -25 ~ 70°C (-13 ~ 158°F) Storage Temperature -40 ~ 85°C (-40 ~ 185°F) Ambient Relative Humidity 5% to 95%(non-condensing)					
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Ambient Relative Humidity 5% to 95%(non-condensing)	-25 ~ 70°C (-13 ~ 158°F)				
	1 /				
Standards and Certifications					
RoHS, CE, FCC					

Contact us

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