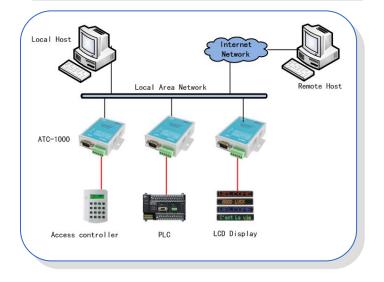## Product Features

➢ 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

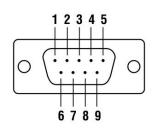## Product Description

The ATC-1000 is a cost effective and highly integrated serial-to-Ethernet Converter. Support 10/100Mbps Ethernet and the serial port support RTS/CTS handshake control signal.Use the software kit user can easily configure and find the device,even forget the IP address.This serial server can work very well in virtual serial mode,this is very convenience for the user's software only support com port.ATC-1000 is an industrial-strength network-based converter can help serial device with RS232/422/485 port   like CNC, PLC, weighting scale, scanner and other device access to the 10/100Mbps Ethernet network.

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

Package Checklist

➢ ATC-1000 serial server   1 PCS

➢ Documentation and software CD   1PCS

➢ Power adapter 9V   1PCS

➢ DIN Rail Mounting Kit(DK-32)   (Optional)

Order Information

ATC-1000   One port RS-232/485/422 Serial Server   RS-232/422/485

ATC-1000M   3.3V TTL Serial Server Embedded Module   3.3V TTL serial port

Specifications

Serial Interface		
Interface Type		RS-232/485/422 3 in 1 (optional)
Data Rate		300bps ~ 230.4Kbps
Data Length		5,6,7,8 bits
Parity		Odd, Even, None, Space, Mark
Stop Bits		1,1.5,2 bits
Flow Control		None, 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)
Connector		8-pin RJ-45
Magnetic Isolation Protection		Built-in 1.5KV
Software		
Network Protocols		ICMP,IP,TCP,UDP,DHCP,BOOTP,DNS,HTTP,ARP
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		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)
Standards and Certifications		
		RoHS, CE, FCC

Contact us