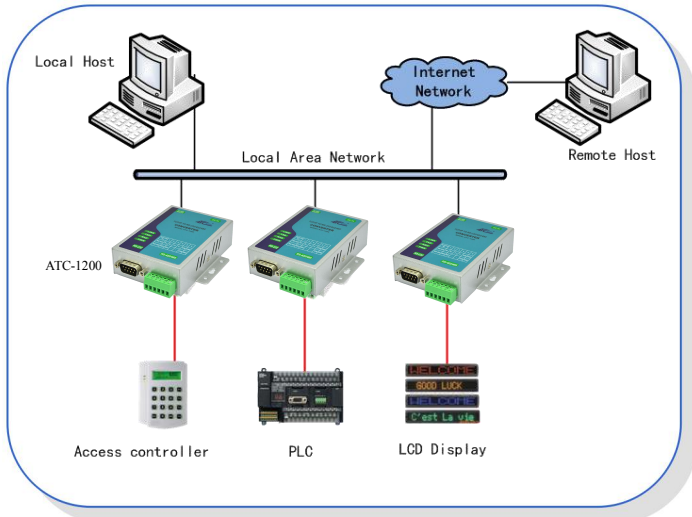## ■ Product Features

➤ 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

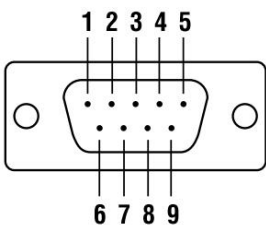➤ CE, RoHS and FCC Certifications

■ Product Description

The ATC-1200 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-1200 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
2	RXD(IN)
3	TXD(OUT)
5	GND
7	CTS(OUT)
8	RTS(IN)
1/4/6/9	NC

RS-485/422 6-pin Terminal block

1	2	3	4	5	6
485+(R+)	485−(R−)	T+	T−	VCC(9~24VDC)	GND

■ Package Checklist

ATC-1200 serial server 1 PCS

Documentation and software CD 1PCS

Power adapter 9V@1A

■ Order Information

ATC-1200   One port RS-232/485/422 Serial Server   RS-232/422/485

ATC-1200M   3.3V TTL Serial Server Embedded Module   3.3V TTL serial port (Coming soon)

■ Specifications

Serial Interface				
Interface Type	RS-232/485/422 3 in 1 (optional)			
Data Rate	RS-232	1200 ~ 115200bps	RS-422/485	1200 ~ 921600bps
Data Length	5,6,7,8 bits			
Parity	Odd, Even, None			
Stop Bits	1,1.5,2 bits			
Flow Control	None, Software: Xon/Xoff, Hardware: RTS/CTS			
Connector	RS-232	DB-9 male		
	RS-422/485	6-pin Terminal block		
Serial Line Protection	600W for RS-232/422/485			

Network Interface	
Interface Type	Ethernet 10/100Mbps (Auto-Sensing)
Connector	8-pin RJ-45
Magnetic Isolation Protection	Built-in 1.5KV

System	
CPU	Embedding RISC CPU 100Mhz (100 MIPS)
Memory	32KB SRAM.512KB Flash memory

Software	
Network Protocols	ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP
Configure Options	Web Page,Windows Utility
OS support	Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/XP x64/2003 x64/WIN7 x64/WIN8 x64、Linux real、TTY、UNIX

LED Indicators	
LINK	10/100Base-TX Link & Activity Indicator
TXD	Date Transmitting from Ethernet to Serial
RXD	Date Transmitting from serial to 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

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