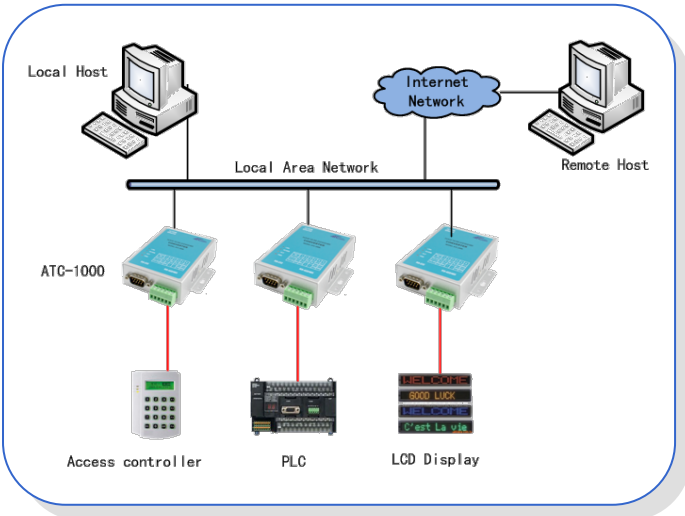## ■ Product Features

- ➢ 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 control for RS-485
- ➢ Supports 24VDC industrial power supply
- ➢ Terminal blocks for RS-422/485 installation
- ➢ Configuration via webpage and windows utility
- ➢ Supports virtual serial port,TCP Server/Client and UDP work mode
- ➢ Built-in watchdog
- ➢ CE, RoHS and FCC Certifications
- ➢ + Much more!

■ Product Description

The XS1200 is good low-cost solution for most office, warehouse and factory environments including industries such as factory automation, alarm and security, laboratory and manufacturing. Ideal for connecting most serial devices such as CNC's, PLC's, printers, sensors, cameras, motor drives, scanners or any other standard RS232, RS485 or RS422 serial device.

The XS1200 serial to Ethernet converter can be managed through a web-browser or the downloadable management software. Multiple COM port and network settings can be configured.

Pin configuration

■ Included items

XS1200 serial server 1 PCS

Documentation 1PCS

Power adapter 9V@1A

Pin	RS232
2	RX
3	TX
5	GND
7	CTS
8	RTS
1,4,6,9	NC

	1	2	3	4	5	6
RS485	RS485 R+	RS485 R-	T+	T-	VCC 9 – 24VDC	GND
RS422	R+	R-	T+	T-	VCC 9 – 24VDC	GND

RS485/RS422 terminal configuration

■ 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 a 8-bit pipelined RISC. Maximum operating frequency of 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	9~24VDC@1A

Physical Characteristics

Installation	DIN-Rail Mounting	
Housing	Steel (1mm)	
Weight	0.5Kg	
Dimensions	Without ears	$100 \times 67 \times 26$ mm($3.94 \times 2.64 \times 1.02$ in)
	With ears	$100 \times 86 \times 26$ mm($3.94 \times 3.39 \times 1.02$ 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