

Product Description

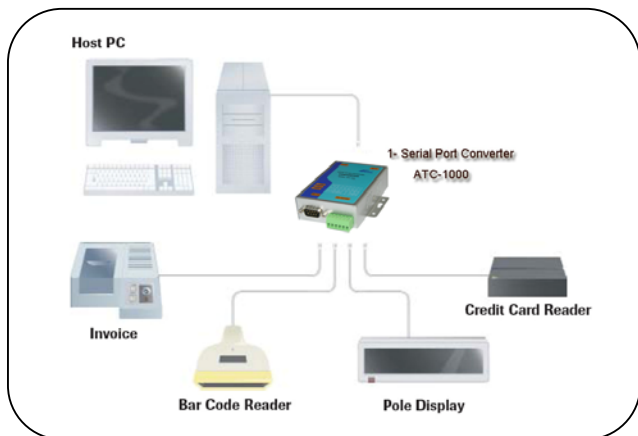
The GC-ATC-1000 is a cost effective and highly integrated Serial-to-Ethernet Converter. Embedding a 8051CPU, 64KB OTP ROM, 32K bytes SRAM, 10/100Mbps with Ethernet and serial port support handshaking using RTS and CTS. The GC-ATC-1000 can control 1 x RS232/422/485 device located virtually anywhere (via Ethernet or Internet) in the world.

GC-ATC-1000 is an industrial-strength network-based Serial device server for connecting one RS232/422/485 device to the 10/100Mbps Ethernet network running TCP/IP. In addition to allowing serial devices to get Networked any host (PC Server or Workstation) can access remote serial device via adding GC-ATC-1000 devices to the existing serial port.



Product Features

- ◆ 3-in-1 RS-232/422/485 interface Max.230Kbps Serial interface and 10/100 Mbps Ethernet
- ◆ Supports 4- and 2-wire RS-485 with AUTO-SEND™ and built-in terminator
- ◆ Supports industrial 24 VDC power input and optional Power over Serial
- ◆ Terminal block accessories for easy RS-422/485 serial wiring
- ◆ Supports IP configuration by MAC address
- ◆ Supports configuration store and copy for easy deployment
- ◆ Supports Driver, TCP Server/Client, UDP Server/Client, Pair Connection operation modes
- ◆ Easy and powerful configuration program
- ◆ Approval CE, RoHS



Order Information:

Part No.	Description	Serial Type	Serial Ports
GC-ATC-1000	TCP/IP to Single Port Converter	232/422/485	1
GC-ATC-1000M	Embedded Module	3.3V TTL	1



Specifications

Serial Interface	
Data Rates	300 bps to 230,400 bps
Characters	7 or 8 data bits
Parity	Odd, even, none
Stop Bits	1 or 2
Control Signals	CTS, RTS
Flow Control	XON / XOFF, RTS / CTS
Connector	DB9-DTE (Male). Null Modem adapter included DCE (Female)
Network Interface	
Interface	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
Connector	RJ45
Protocol	TCP/IP, UDP/IP, ARP, ICMP, TFTP, Telnet, DHCP, BOOTP, HTTP, and AutoIP
Indicators (LED)	
<ul style="list-style-type: none"> • 10/100Base-TX Link & activity indicator • Data Sending / Receiving between Serial and the Ethernet • Power indicator 	
Management	
Internal web server, SNMP, Telnet, serial, and Microsoft Windows®-based utility for configuration	
Security	
Password protection	
Internal Web Server	
Storage Capacity	384KB for web pages
Architecture	
CPU	Based on the 8051CPU, Frequency 25MHz
Memory	64KB OTP ROM, 32K bytes SRAM
Firmware	Upgradeable by manufacturer
Power	
Input Voltage	8-24 VDC@500mA
Included Software	
MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector	



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