Product Description

The ATC-2004 is a 4 Port RS232/485/422 to TCP/IP converter integrated with a robust system and network management features designed for industrial equipment to be accessed and controlled via Intranet or Internet. By integrating RTOS (Real Time Operating System) and complete TCP/IP protocol stack capability, ATC's ATC-2004 provides not only a robust and high performance system to make your device connecting to Network, but also ease installation and Internet access. The ATC-2004 Web Configuration is a breeze to operate and totally independent of the operating system platform you use

Product Features

►Auto-negotiating 10/100Mbps Ethernet
The Ethernet interface automatically detects if it is on a 10 or a 100 Mbps Ethernet.

►Full Network Management via Web
This feature allows you to access or manage device through IE or Netscape on any platform. The firmware also can be upgraded via Web browser.

►Backup and Restore configuration
This feature allows you to backup system configuration to a file and restores it, for the security issue, the file which backup from system is an encryption format.

►TCP/UDP server/client support
The ATC-2004 support four types of connection: TCP server, UDP server, TCP client and UDP client, user can select one of types to meet application requirement.
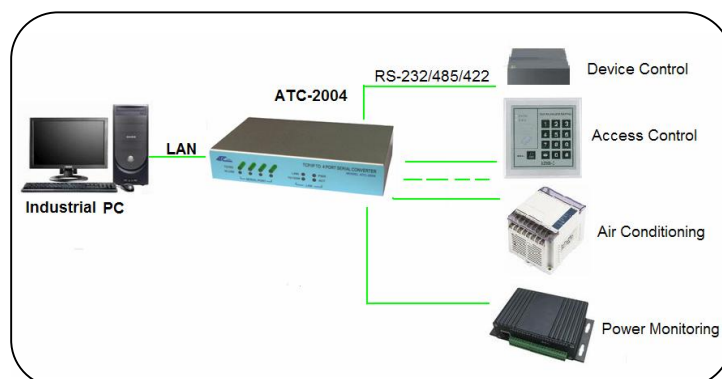
►DHCP Client
DHCP (Dynamic Host Configuration Protocol) client obtains the TCP/IP configuration at start-up from a centralized DHCP server, which means it can get IP address, an IP default gateway and DNS server.

►PPP Over Ethernet
PPPoE is a protocol for connecting remote hosts to the Internet over DSL connection by simulating dial-up connection.

►Dynamic DNS
With dynamic DNS support, you can have a static hostname alias for a dynamic IP address, allowing the host to be more easily accessible from various locations on the Internet.

Order Information:

Model No.	Description	Serial Type	Serial No.
ATC-1000	TCP/IP to Serial Port Converter	232/422/485	1
ATC-2000	TCP/IP to Serial Port Converter	232/422/485	1
ATC-2004	TCP/IP to Serial Port Converter	232/422/485	4

4-Serial Port device networking converter   ATC-2004

Specifications

Serial Interface	
Data Rates	1,200bps to 230,400 bps
Characters	5,6,7,8
Parity	Odd, even, none, Mask, Space
Stop Bits	1 or 2
Flow Control	XON / XOFF, RTS / CTS
Connector	Removable 6 bit Terminal Block

Network Interface	
Interface	Ethernet 10Base-T or 100Base-TX (Auto-Sensing), Half/Full Duplex
Connector	RJ45
Protocol	TCP/IP, UDP, Telnet, ARP, DHCP, PPPoE, ICMP, HTTP, DDNS and SMTP

Indicators (LED)

- l 10/100Base-TX Link & activity indicator
- l Date Sending / Receiving between Serial and the Ethernet
- l Power indicator

Management

- l Support TCP/UDP Server/Client mode
- l User name & password protected for web management
- l Built-in http server for set up and remote management via any browser easily
- l Support backup & restore system configuration data
- l Support Windows 95/98/ME/NT/2000/XP/2003 virtual COM drivers

Architecture	
CPU	16 bit CPU, 100MHz
Memory	256KB ROM, 768KB SDRAM

Physical Specifications	
Dimensions	160 x 87 x 32 mm (6.3 x 3.43 x 1.26 in)
Weight	0.8 kg
Installation	DIN-Rail Mounting
Operating temperature	-4° to158° F (-20° to 70° C)

Power	
Input Voltage	8-24 VDC@500mA

supported os
Windows 95/98 ME, Windows 2000, Windows XP, Windows NT, Linux, UNIX.