

# 2008 Products Catalog



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# Wireless 802.11b To Serial Solution

Wirelessly connect serial devices to your Ethernet LAN with 802.11b



## Benefits

- Wirelessly connect legacy serial devices to your LAN, eliminating cable installation costs
- Remote device monitoring and diagnostics
- Easy plug-and-play installation and set-up

## Applications

- Retail / Point-of-sale Building automation Security

### Features

- Connect serial device to Wireless LAN network
- WEP support for 64-bit and 128-bit encryption
- Password authentication and IP filter
- Ad-Hoc(peer-to-peer), Infrastructure, Pseudo IBSS mode support
- 3 in one RS-232/422/485 port can be freely chosen, at up to 57.6 Kbps
- Versatile socket operation modes, including: **TCP/IP**, UDP/IP,HTTP, ARP, DHCP client
- Easy-to-use Windows Utility for mass installation
- Supports Windows Virtual COM drivers
- LEDs indicate LINK, DIS, ACT and PWR.

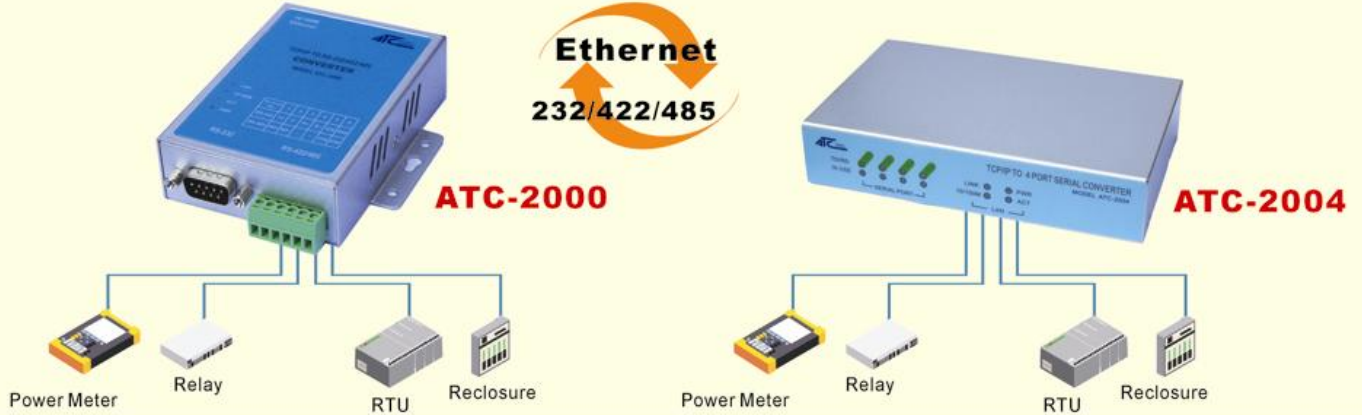
### Specifications:

- Protocol Type: 802.11b standard compliant
- Operating Range: Open Environment: 1000 ft./300m
- Office Environment: 100-330 ft./30-100m
- Security: WEP (Wired Equivalent Privacy) 64 and 128 bit encryption
- Network Mode: Infrastructure mode, Ad-Hoc mode
- Dimensions: ATC-2000WF (11.0 x 8.5 x 2.6 cm)  
ATC-2002WF(13.6 x 8.5 x 3.2 cm)
- Power: 9VDC @ 1000 mA (included)

Model No.	Description	802.11	Price
ATC-2000WF	Industrial Wireless single -Port RS-232/422/485 converter	b	
ATC-2002WF	Industrial wireless Dual-Port RS-232 Converter	b	
ATC-DK-32	DIN Kit mount adapter	—	

# Ethernet To Serial Solution

Connect serial devices to your Ethernet LAN



## Benefits

- Ethernet enable your serial devices (1 to 4 serial ports)
- Supports 1-serial or 4-serial RS-232/485/422
- Supports web console
- No need to change COM software( included COM Virtual software)
- DIN mountable with accessory item

## Features

- LAN interface: IEEE 802.3
- 10/100 Mbps auto-detecting, full or half duplex: 10BaseT, 100BaseTX
- Protocols supported: TCP, UDP, DHCP
- Select RS-232, RS-422 or RS-485 serial port settings by software
- LEDs: Ethernet connections, LAN link, data activity, Power
- Operating temperature: 0° to 70°C
- Built-in web server, web browser
- Supports: Virtual COM port, direct IP and pair modes
- Dimensions: 11.0 x 8.5 x 2.6 cm(ATC-2000)  
16.0 x 9.5 x 3.2 cm(ATC-2004)
- Power:9-24 VDC @ 1000 mA (included)

## Applications

- Building/commercial/security
- Traffic management
- Retail/point of sale
- POTS, cellular, satellite, modem connectivity

Model No.	Description	Serial Number	Serial Type	Price
ATC-2000	Industrial TCP/P to single port converter	1	232/422/485	
ATC-2004	Industrial TCP/P to 4 port converter	4	232/422/485	
ATC-DK-32	DIN Kit mount adapter	—		

# ATC Converter and isolator families

Connect RS422/485 serial devices to your computer

## Industrial using converters

ATC-107N



## Non-isolated converters

ATC-107A.



## Port powered Converter

ATC-106



## Isolated repeaters

ATC-109



## Isolated converters

ATC-107



## Features

- Extend data signals up to 1.2 km (4,000 feet)
- Change TD and RD RS-232 signals to balanced RS-422/485 signals
- No handshake control is required. Both the RS-422/485 driver
- Baud rates up to 115.2 kbps
- Alternate power supply methods
- 10-30 VDC operation
- 2-way isolation, 3000V input-output
- Fixed terminal blocks
- Wide temperature ranges (-40 to 80°C)
- DIN rail mount
- CE RoHs approved

Model No.	Description	Node	Price
ATC-107N	Industrial Isolated RS-232 To RS-422/485 Converter	128	
ATC-108N	Industrial Isolated RS-232 To RS-422/485 Converter	128/256	
ATC-107A	Non-Isolated RS-232 To RS-422/485 Converter	32	
ATC-101	Port power Non-Isolated RS-232 To RS-422 Converter	32	
ATC-106	Port power Non-Isolated RS-232 To RS-485 Converter	32	
ATC-109	RS-422/485 Isolated Repeater	128	
ATC-109N	Industrial RS-422/485 Isolated Repeater	128	
ATC-131	Port Powered RS-232 Isolator	—	
ATC-105	Isolated RS-232 To RS-422/485 Converter	128	
ATC-107	Isolated RS-232 To RS-422/485 Converter	32	
ATC-108	Isolated RS-232 To RS-422/485 Converter	128	
ATC-DK-32	DIN Kit mount adapter	—	

# ATC Wireless transmitter families

Connect serial devices via wireless



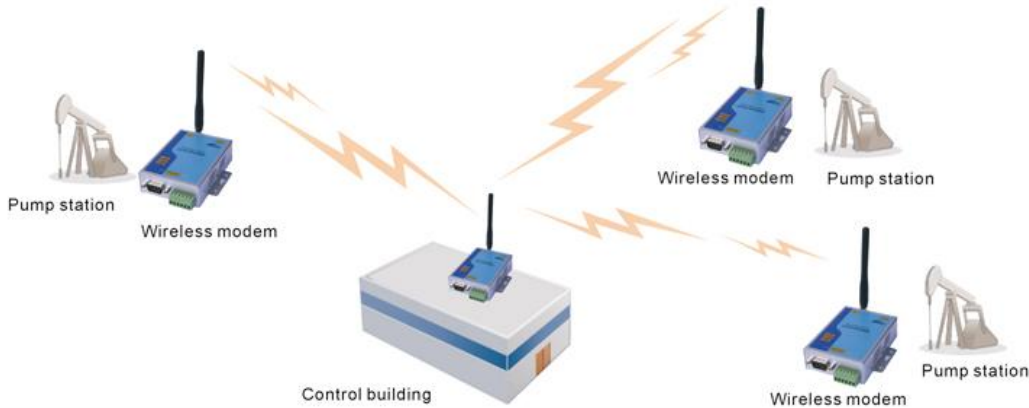
**ATC-863/871/873**



**GD230B**



**GD230V/VH**



## Features:

- Transmission distance is up to 300-1000m(BER=10<sup>-3</sup>@9600bps)
- Flexible configuration as Point -to -point, point to- multi-point
- 429.00~433.30MHz ISM frequency range
- Transparent and direct asynchronous communication interface
- Rapid and easy installation

## Specifications:

- Modulation mode: GFSK
- Working frequency:433MHZ
- Transmission power:<500mW
- Channel speed rate:1200/2400/4800/9600/19200/38400Bit/s,
- Interface speed rate:200/2400/4800/9600/19200/38400Bit/s,
- Interface data format:8E1/8N1/8O1
- Power supply:9-12VDC
- Working temperature:-20°C ~65°C

Model No.	Description	Distance	Price
ATC-863	RS-232/485 Mini Power Wireless Module	300m	
ATC-871	RS-232/485 Mini Power Wireless Module	500m	
ATC-873	RS-232/485 Mini Power Wireless Module	1000m	
GD230B	Wireless Data Transceiver	10Km	
GD230V	Wireless Data Transceiver	25Km	
GD230VH	Wireless Data Transceiver	25Km	