

NP311

RS232/Ethernet Interface Converter



Products Comment:

Auto-detecting 10Mbps Ethernet interface

3-in-1 RS-232/422/485 serial interfaces

Products Content:

Description

Everything is networked is rapidly becoming the norm for enterprises the world over, and to keep pace with the trend of networked-based automation, devices must be networked in order to form an automatic data collection system for quality control, production monitoring, or even real-time cost management. But that doesn't mean your existing equipment and software investment is out of date due to a lack of Ethernet or TCP/IP connectivity. With AT Express, devices such as CNCs, milling machines, card readers, PLCs, switching machines, sensors, and UPS systems will become powerful tools with network connectivity.

NP311 Express supports Windows 95/98/Me, Windows NT, and Windows 2000/XP/2003 native COM drivers and Linux real tty drivers, meaning that your existing COM port based application software will be completely compatible. Turn any serial device into a network device instantly. Easy integration with any serial device, such as personal identification devices, CNCs, PLCs, switches, UPS systems, and Medical/Physical/Chemical instruments, Preserve your investment by instantly turning serial devices into Internet devices that run on your existing software, Extremely low transition cost, Entrance control, security/attendance management Manufacturing automation, Telecom and fiber optic network management, Industrial control and process control, Hospital/Laboratory automation, Remote image transmission

ANDA Telecom Pvt. Ltd.

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Features

- ❖ 3-in-1 RS-232/422/485 serial interfaces
- ❖ Cigarette pack size for easy integration
- ❖ Supports Windows Native COM drivers with automatic network connection recovery
- ❖ Built-in Ethernet and TCP/IP protocol supports Driver Mode, TCP Server, TCP Client, UDP Server/Client, Ethernet Modem, Pair connection
- ❖ Supports Linux fixed/real tty drivers
- ❖ RS-485 supports ADDC (Automatic Data Direction Control intelligence)
- ❖ Built-in 15 KV ESD protection for all serial signals

Serial

Serial standard	Accord EIA RS-232, RS-485, RS-422 standard
RS-232 signal	TX, RX, RTS, CTS, DTR, DSR, GND
RS-485 signal	D+, D-, GND
RS-422 signal	R+, R-, T+, T-, GND
Working	Asynchronous format ,single to single or more,2 wires half duplex,4 wires full duplex
Direction	RS485 side adopt ADDC technology, auto text and control data transfer direction
Runoff	Support RTS/CTS Flow Control or non-flow control
Band rate	150-115200bps
Bit byte	7bit, 8bit
Check out	No-checkout, odd, even, Mark checkout, Space checkout
Loading	RS-485/422 side support 32 or 128 point loopback
Transmission	RS-485/422 side 1200M,RS-232 port 15M
Interface protection	600W surge protection,15KV static protection
Interface style	RS-232 side DB-9 male, RS-485/422 side 4 terminal block

Ethernet port

Standard	Accord 10Base-T standard
Protocol	Support TCP, UDP, APR, ICMP and DHCP protocol

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Turning Copper into Gold

Signal	Rx+, Rx-, Tx+, Tx-
Working	Support Server and Client mode
Rate	10Mbps, full-duplex or half-duplex
Memory	512 byte
transmission	100m
Electromagnetism isolat	1500V
Interface style	RJ45

Enviroment

Working temperature -0 to 60

Storage temperature -20 to 85

Humidity Relative humidity 5% to 95%

Power

Input power consumption External 9V power
300mA

Dimension

L*W*H 100mm*69mm*22mm
Shell Iron
Color White
Weight 230g

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