

# **APORT008**

## **IP to Serial Port Converter**

- ◆ **10/100Mbps LAN Connection**
- ◆ **8 Ground isolated RS422/485 Port**
- ◆ **Linux based system board**



- ★ **32bit 100MHz RISC CPU** higher performance than 16bit CPU.
- ★ **Auto-detecting** 10/100Mbps Ethernet interface.
- ★ Support WIN NT/2000/XP **virtual COM driver**.
- ★ Support UNIX & Linux **real TTY** driver.
- ★ Support **TCP server/Client** mode.
- ★ Support **UDP send/receive** mode.
- ★ Support **WEB, TELNET and terminal setup**.
- ★ Support eight Ground isolated RS422/485 serial port.
- ★ Support Auto-Data-Direction-Control feature in RS485.

## **APORT008 IP to Serial Port Converter Specification :**

### **Hardware Specification:**

- \* CPU: 32bit 100MHz MIPS CPU.
- \* Flash ROM: 16M Byte.
- \* SDRAM: 16M Byte.

### **LAN connection:**

- \*Interface: 10/100Mbps 100BaseT
- \*Connector: RJ45

### **Serial port:**

- \*Interface: Ground isolated RS422/485
  - \*connector: DB9 male.
  - \*Port Number: 8.
  - \*speed: upto 230400bps.
- NOTE: console port share with serial port 1
- NOTE: each serial port can be set to RS422 or RS485 by DIP switch.

### **Software Compatibility:**

- \*TCP/IP or UDP/IP connection.
- \*WIN NT/2000/XP/Vista Virtual COM driver.
- \*LINUX raw TTY driver.
- \*SCO UNIX real TTY driver.

### **Power Requirement:**

- \*5VDC @ 1600mA.

### **Dimension:**

205\*135\*48mm.

### **Environment:**

- \*Operating temperature: 5--40 °C.
- \*Operating humidity: 10--90%RH.
- \*Storage temperature: 0--65 °C.
- \*Storage humidity: 5--90%RH.

## **Other relative product information:**

APORT200: IP to two RS232 serial port converter.

APORT020: IP to two ground isolated RS232 serial port converter.

APORT101: IP to one RS232 and one ground isolated RS422/485 serial port converter.

APORT400: IP to four RS232 serial port converter.

APORT040: IP to four ground isolated RS232 serial port converter.

APORT004: IP to four ground isolated RS422/RS485 serial port converter.

APORT080: IP to eight ground isolated RS232 serial port converter.

APORT202: IP to two RS232 and two ground isolated RS422/485 serial port converter.

APORT022: IP to two ground isolated RS232 and two ground isolated RS422/485 serial port converter.

APORT602: IP to six RS232 and two ground isolated RS422/485 serial port converter.

APORT620: IP to six RS232 and two ground isolated RS232 serial port converter.

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