

# ***APOINT100P***

## ***IP to Serial Port Converter***

- ◆ **10/100Mbps LAN Connection**
- ◆ **One IP Access RS232 Port**
- ◆ **One Local Pass-through Port**
- ◆ **Linux based system board**



- ★ **32bit 100MHz RISC CPU** higher performance than 16bit CPU.
- ★ **Auto-detecting** 10/100Mbps Ethernet interface.
- ★ Support **Windows NT/2000/XP/Vista** virtual COM drive.
- ★ Support **Windows 7** virtual COM drive.
- ★ Support **UNIX & Linux real TTY** driver.
- ★ Support **TCP server/Client** mode.
- ★ Support **UDP send/receive** mode.
- ★ Support **WEB, TELNET and terminal** setup.
- ★ Support **one local** pass-through port and **one remote** access port.
- ★ Suitable for **RS232 control** system to add **IP access** capability.

## APORT100P 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.

### Software Compatibility:

- \*TCP/IP or UDP/IP connection.
- \*WIN NT/2000/XP/Vista Virtual COM driver.
- \*Windows 7 Virtual COM driver.
- \*LINUX raw TTY driver.
- \*SCO UNIX real TTY driver.

### Power Requirement:

- \*5VDC @ 1200mA.

### Environment :

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

### Dimension:

92\*118\*27mm..

### Serial port:

- \*Interface: RS232.
- \*connector: DB9 male.
- \*Port Number: 2.
- \*speed: upto 230400bps.

NOTE: console port share with serial port 1.

NOTE: serial port 1 is master virtual COM port for IP access.

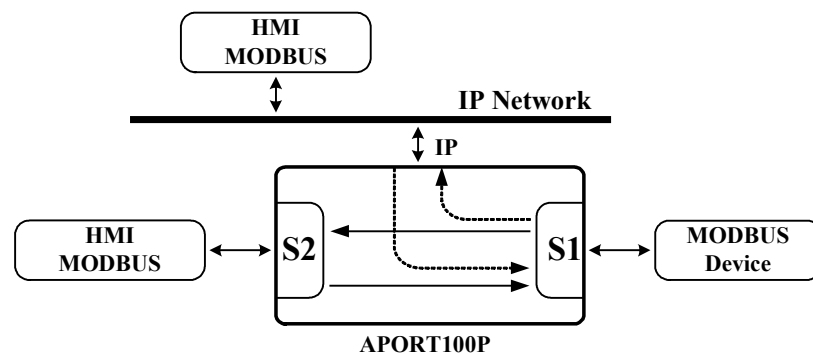
NOTE: serial port 2 is pass-through COM port for local access.

NOTE: any data received from serial port 1 will be transmitted to serial port 2 and remote IP virtual COM port.

NOTE: any data received from serial port 2 will be transmitted to serial port 1 only.

NOTE: any data received from remote virtual COM port will be transmitted to serial port 1 only.

NOTE: any serial device connect with serial port 1 will be access by local HMI master in serial port 2 or remote HMI master via IP network.



### Other relative product information:

- \*APORT200: Ethernet to 2 RS232 port.
- \*APORT020: Ethernet to 2 Ground isolated RS232 port.
- \*APORT101: Ethernet to 1 RS232 and 1 Ground isolated RS422/485 port.
- \*APORT400: Ethernet to 4 RS232 port.
- \*APORT040: Ethernet to 4 Ground isolated RS232 port.
- \*APORT202: Ethernet to 2 RS232 and 2 Ground isolated RS422/485 port.
- \*APORT800: Ethernet to 8 RS232 port.

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