APORT100P

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 ℃.
   *Operating humidity: 10--90%RH.
   *Storage temperature: 0--65 ℃.
   *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: console port share with serial port 1
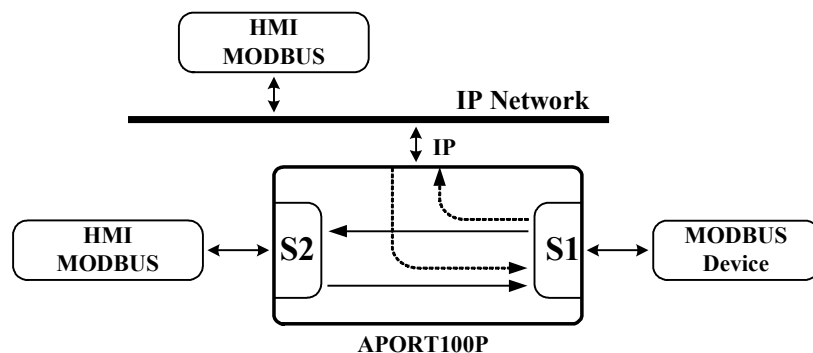   NOTE: serial port 1 is master virtual COM port for IP access.
     NOTE: serial port 2 is pass-through COM port for local access.
     NOTE: any data received from serial port 1 will be transmitted to serial port 2 and remote IP virtual COM port.
     NOTE: any data received from serial port 2 will be 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.

APORT100P

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.

   ***All names are the trademarks of their respective organization.