APORT201

IP to Serial Port Converter

◆ **10/100Mbps LAN Connection**

　　◆ **One Local Pass-through RS232 Port**

　　　◆ **Two Remote IP Access RS485 Port**

★ Linux based system board easy to maintain.

★ Auto-detecting 10/100Mbps Ethernet interface.

★ Support Windows NT/2000/XP/Vista virtual COM drive.

★ Support Windows 7/8/10 virtual COM drive.

★ Support TCP server/Client mode.

★ Support UDP send/receive mode.

★ Support WEB,TELNET and terminal setup.

★ Support one local pass-through RS232 port for RS485 environment.

★ Support two remote IP access RS485 port for RS485 environment.

★ Support Ground Isolated feature in RS485 connection.

★ Suitable for RS485 environment to add IP access capability.

APORT201 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 2000/XP/Vista Virtual COM driver.
*Windows 7/8/10 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 in serial port 1
  Ground isolated RS422/485 in serial port 2 .
*connector: DB9 male.
*Port Number: 2.
*speed: upto 230400bps.

  NOTE: console port share with serial port 1.
  NOTE: serial port 1 is pass-through port for local access.
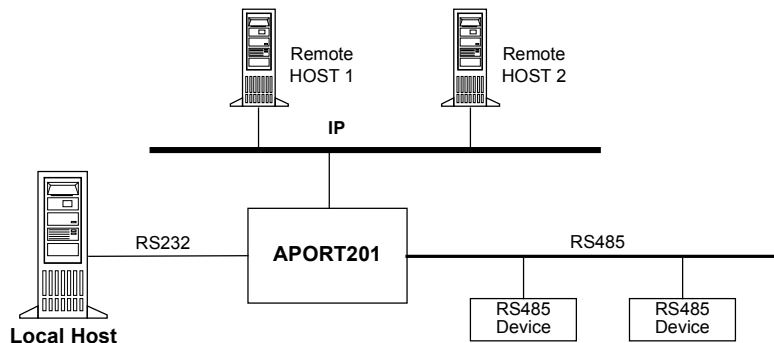 NOTE: serial port 2 is master virtual COM port for IP access.
  NOTE: any data received from local pass-through serial port 1 will be transmitted to serial port 2 only.
  NOTE: any data received from remote virtual COM port 1 and 2 will be transmitted to serial port 2 only.
  NOTE: any data received from serial port 2 will be transmitted to serial port 1 and virtual COM 1&2.
  NOTE: any serial device connect with serial port 2 will be access by local HMI master in serial port 1 or remote HMI master 1 & 2 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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RAYON TECHNOLOGY CO., LTD.
2F, No. 177, Chung_Shan 2 Rd., Lu_Chou, New Taipei city, Taiwan,ROC.
TEL: 886-2-82858362   FAX: 886-2-82857065
E-Mail: rayon@ms1.hinet.net ; info@rayontech.com.tw
WEB: http://www.rayontech.com.tw