

JetPort 5201 Serial Device Server



- Smart one-port RS232 to Ethernet Solution
- Max. serial speed: 460.8kbps
- JetPort Commander, Windows utility for auto discovery, multiple device setting and monitoring.
- Versatile serial operation options: Virtual Com, Serial tunnel, TCP server, TCP client, UDP
- Up to 5 simultaneous Virtual COM, TCP server, TCP client connections
- Configuration by Windows, Web, telnet
- Event warning by Email, SNMP trap
- Virtual COM driver for Windows NT/2000/XP/2003
- Fixed TTY driver for Linux



Overview

Jetport 5201 is a smart one RS-232 to Ethernet device server. The serial speed can be as high as 460.8kbps. The serial port can be configured as Virtual Com, Serial tunnel, TCP server, TCP client, UDP mode to communicate with Ethernet. JetPort 5201 supports up to 5 simultaneous Virtual COM, TCP server, TCP client connections for critical redundant solution. JetPort Commander is an easy-to-use utility for Windows that covers all management, monitoring, and control functions for one or

many JetPort servers. Setting up 100 JetPort can be as easy as setting up one JetPort. In addition to Windows configuration, JetPort can be configured by Web and Telnet, giving administrators the flexibility for device management. JetPort 5201 can be wall mounted or din-rail mounted by the din-rail kit.

Hassle-free Configuration

JetPort Commander allows users to discover all JetPorts in a LAN and configure/monitor one or multiple JetPorts simultaneously. All configurations are run-time change, without re-booting the device. JetPort also supports web /

telnet console and SNMP for extended network management. Specific events trigger alarm messages sent by email and SNMP trap.

Flexible Serial Configuration

JetPort supports flexible serial communication mode, including virtual com, TCP server, TCP client, UDP, and serial tunnel. Advanced settings for controlling the data communications such as TCP alive check, delimiter, and

timeout are also supported. For industrial redundant solutions, JetPort supports to maximum 5 simultaneous connections for virtual com, TCP server, TCP client modes, sending to 5 hosts data simultaneously.

Serial Device Server

Specifications

Network Interface

Ethernet:10/100BaseTX

Connector:RJ45

Protection :Built-in 1.5 KV magnetic isolation

Protocols :ICMP, IP, TCP, UDP, DHCP, BootP, ARP / RARP, Telnet, DNS, SNMP MIB II, HTTP

Serial Interface

Interface:RS-232

Connectors:male DB9

Serial Baud Rate:110 bps~460.8 Kbps

Data Bits:5, 6, 7, 8

Parity:odd, even, none

Stop Bits:1, 1.5, 2

RS-232:TxD, RxD, RTS,CTS, DTR, DSR,GND,DCD

Flow Control:XON/XOFF, RTS/CTS, DTR/DSR

Serial Line Protection:15KV ESD

Software Utility

Utility:

JetPort Commander for Windows NT/2000/XP/2003

- Device discovery
- Auto IP report
- Device setting (run-time change, no rebooting)
- Access control list
- Group setting
- Device monitoring
- Serial port monitoring
- Log info
- Group Firmware update batch

Serial mode:

- Virtual Com / TCP Server / TCP Client / UDP / Serial Tunnel
- TCP Alive Check Timeout
- Inactivity Timeout
- Delimiter for Data Packing
- Force TX Timeout for Data Packing

Multiple link :

5 Hosts simultaneous connection:

Virtual Com / TCP server / TCP Client

COM Driver:Windows NT/2000/XP/2003

TTY Driver:Fixed TTY driver for Linux 2.4.x

Configuration:

Web console, Telnet console,

JetPort Commander for Windows NT/2000/XP/2003

Power Requirements

Power Input:9 30 VDC

Power Line protection:

1 KV Burst (EFT), EN61000-4-4

0.5 KV Surge, EN61000-4-5

Mechanical

Dimensions:54.4mmx79.5mmx22mm

Regulatory Approvals:

FCC Class A, CE Class A

RoHS

Environmental

Operating Temperature:0 to 55°C (32 to 131°F)

Operating Humidity:5% to 95% (Non-condensing)

Storage Temperature:-20 to 85°C (-4 to 185°F)

Ordering Information

JetPort 5201 1-port RS-232 Serial Device Server

Includes:

- 1-port RS-232 Serial Device Server
- Quick Installation Guide
- 100-240VAC power adapter
- Mounting kit and foot pads
- Documentation and Software CD-ROM