

Specification

Network Interface

Ethernet: 2* 10/100BaseTX, Redundant Dual Ethernet

Connector: RJ-45, Auto MDI/MDI-X

Feature: Auto Recovery in less than 200ms

Protection: Built-in 1.5 KV magnetic isolation protection

Protocols: IP, TCP, UDP, ICMP, DHCP, BootP, ARP/RARP, SNMP, HTTPS, SSH, SNTP, SMTP

Serial Communication

Number of Ports: 4

Interface: RS-422, 2/4-wire RS485

Connectors: 5-pin Terminal Block

Baud Rates: 110 bps to 460.8K bps

Data Bits: 5, 6, 7, 8

Parity: odd, even, none

Stop Bits: 1, 1.5, 2

RS-422: Tx+, Tx-, Rx+, Rx-, GND

RS-485 (4-wire): Tx+, Tx-, Rx+, Rx-, GND

RS-485 (2-wire): Data+, Data-, GND

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

Serial Line Protection: 15KV ESD

Long Distance Termination: 2*pin 120ohm DIP switches

Isolation

Serial Line Isolation: 2KV

Protection Types: Port to Port, Port to Power/GND/Case

Digital Input/Output

Number of DI: 4

Power Input voltage:

5V/TTL

Logic 0: 0.8V max (0-0.8V)

Logic 1: 2.0V min (2-5V)

Number of DO: 2

Power Output voltage

5V/TTL

Logic 0: 0.8V max (0-0.8V)

Logic 1: 2.0V min (2-5V)

Features

LED: Power 1/Power 2: Startup(Red); Ready(Green)

Ethernet port:

Left: 100M Link (Green On)/Activity (Green Blinking)

Right: 10M Link (Orange On)/Activity (Orange Blinking)

Serial 1/2/3/4: TX only (Green), RX only (Red), Both RX/TX (Orange)

Configuration:

Windows Utility-JetPort Commander, HTTPS, SSH

Serial Service: Virtual COM, TCP Server, TCP Client, TCP Tunnel and UDP

Reset: Software reload default, Hardware reset button

Beeper: Embedded beeper for positioning

RTTD: Redundant to the Device, Auto-recover in less than 200ms

SNTP: For time management

Access IP Table: 16 IP addresses to prevent illegal users

Monitor: Devices' status, VCOM status

SNMP: RFC1213 MIB II, RFC1317 RS232_like and SNMP Trap

E-Mail Alert: Automatic e-mail warning by pre-defined events

System Log: Trap to Syslog server or local display

System Events: Cold/Warm Start, Login Failed, IP and Password Changed, Access IP Blocked, DI/DO changed, Serial Port DCD/RI/DSR/CTS changed, Serial Port connected/disconnected.

TTY Driver: Fixed TTY driver for Linux

Windows Utility

JetPort Commander: Device Discovery, Auto IP, Network Setting, Device and Serial Port Setting and monitoring, Notification setting, Firmware Upgrade, Configuration Backup and Restore, Group Configuration Wizards.

Serial Service Mode: Virtual COM, TCP Server, TCP Client, TCP Tunnel and UDP

Advanced Serial Setting: TCP Alive Check Timeout, Inactivity Idle Timeout, Performance mode, Delimiter, Force TX Timeout for Data Packing and Force TX interval time

Group Configuration Wizard:

JetPort Commander: Group IP Wizard, Group firmware upgrade, Group Backup/Restore, VCOM and TCP Tunnel Setup Wizard

Power Requirements

System Power:

PWR1: 12~48VDC Terminal Block

PWR2: 12~48VDC Power Jack with Power Adapter

Power Line protection:

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

0.5 KV Surge, EN61000-4-5

Mechanical

Dimensions: 145mm(W)x46.5mm(H)x120mm(D)

Regulatory Approvals: FCC Class A, CE Class A, UL, RoHS

Environmental

Operating Temperature: -10 ~ 70°C

Operating Humidity: 5% ~ 95%, (non-condensing)

Storage Temperature: -40 ~ 85°C

Warranty: 5 years

Ordering Information

JetPort 5604i: Industrial Industrial 4-port RS-422/485 with Isolation Redundant Serial Device Server

Includes:

- 4-port RS-422/RS485 with isolation Redundant Serial Device Server
- Quick Installation Guide
- 100-240VAC power adapter
- Din-Rail kit and foot pads
- Documentation and Software CD-ROM