JET PORT

◤ Specification

Network Interface
WLAN Standard: 802.11b/g WLAN
Spread Spectrum Technology:
DSSS(802.11b), OFDM(802.11g)
Tx Power: 13-17dBm at maximum radiation direction
Rx Sensitivity: -71 dBm @ 54 Mbps, -84 dBm @ 11Mbps
Transmission Rate: 54 Mbps (max.) with auto fallback
(54,48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps)
Transmission Distance: Up to 100 meters (open area)
Antenna: Supports the antenna diversity function
Ethernet: 1* 10/100BaseTX, Auto MDI/MDI-X
Connector: RJ-45
Protection: Built-in 1.5 KV magnetic isolation protection

Serial Communication
Number of Ports: 1
Interface: RS-232, RS422, 2/4-wire RS485
Connectors: male DB9
Baud Rates: 110 bps to 230.4K bps
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
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

Features
Protocols: IP, TCP, UDP, ICMP, DHCP, BootP, ARP/RARP,
SNMP, HTTPS, SSH, SNTP, SMTP,
LED:
Power 1/Power 2: Startup(Red); Ready(Green)
LAN : 10M Link(Orange), 100M Link(Green)
WLAN: Good Link Quality(Green), Poor Link Quality
(Orange)
Serial: Transmitting data(Green), Receiving data(Orange)
Configuration: JetPort Commander, HTTPS, SSH
Serial Service: Virtual COM, TCP Server, TCP Client, TCP
Tunnel and UDP
WLAN Discover: 5 AP list
WLAN Strength: 5 Levels
WLAN Security:
WEP 64-bit/128-bit data encryption, AES, WPA2

Reset: Software reload default, Hardware reset button
Beeper: Embedded beeper for positioning
SNTP: For time management
Access IP Table: 16 IP addresses to prevent illegal users
Monitor: Devices' status, VCOM status
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, Serial Port DCD/
RI/DSR/CTS changed, Serial Port connected/disconnected
SNMP:
RFC1213 MIB II, RFC1317 RS232_like and SNMP Trap

Windows Utility
JetPort Commander: Device Discovery, Auto IP, Network
Setting(Wire and Wireless), 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: 96.1mm(W)x124mm(D)x29.6mm(H)
Regulatory Approvals:
FCC Class A, CE Class A , UL, RoHS

Environmental
Operating Temperature: -10 ~ 55°C
Operating Humidity: 5% ~ 95%, (non-condensing)
Storage Temperature: -20 ~ 70°C
Warranty: 3 years

◤ Ordering Information

JetPort 5801 1-port RS-232/422/485 Wireless Serial Device Server

Includes:

- 1-port RS-232/422/485 Wireless Serial Device Server with Antenna
- Quick Installation Guide
- 100~240VAC power adapter
- Din-Rail kit and foot pads
- Documentation and Software CD-ROM