ADAM-4571/L
ADAM-4570/L

1-port RS-232/422/485 Serial Device Server

2-port RS-232/422/485 Serial Device Server

Specifications

Ethernet Communications

- **Compatibility**   IEEE 802.3, IEEE 802.3u
- **Speed**   10/100 Mbps
- **No. of Ports**   1
- **Port Connector**   8-pin RJ-45
- **Protection**   Built-in 1.5 KV magnetic isolation

Serial Communications

- **Port Type**   ADAM-4571/4570: RS-232/422/485, software selectable
                             ADAM-4571L/4570L: RS-232
- **No. of Ports**   ADAM-4571/4571L: 1
                             ADAM-4570/4570L: 2
- **Port Connector**   ADAM-4571/4571L: DB9 male
                             ADAM-4570/4570L: 10-pin RJ48
- **Data Bits**   5, 6, 7, 8
- **Stop Bits**   1, 1.5, 2
- **Parity**   None, Odd, Even, Space, Mark
- **Flow Control**   XON/XOFF, RST/CTS, DTR/DSR
- **Baud Rate**   50 bps ~ 921.6 kbps
- **Serial Signals**   RS-232: TxD, RxD, CTS, RTS, DTR, DSR, DCD, RI, GND
                             RS-422: TxD+, TxD-, RxD+, RxD-, GND
                             RS-485: Data+, Data-, GND
- **Protection**   15 KV ESD protection for all signals

Software

- **Driver Support**   Windows 2000/XP/Vista
- **Utility Software**   Advantech Serial Device Server Configuration Utility
- **Operation Modes**   COM port redirection (Virtual COM)
                             TCP/UDP server (polling) mode
                             TCP/UDP client (event handling) mode
                             Pair Connection (peer to peer) mode
- **Configuration**   Windows utility, Telnet console, Web Browser
- **Protocol**   ICMP, IP, TCP, UDP, BOOTP, DHCP, Auto IP, Telnet,
                             SNMP, HTTP, DNS, SMTP, ARP

Mechanics

- **Dimension (H x W x D)** 70 x 130 x 30 mm
- **Enclosure**   ABS+PC with solid mounting hardware
- **Mountion**   DIN-rail, stack, wall
- **Weight**   ADAM-4571/4571L: 135g
                             ADAM-4570/4570L: 160g

General

- **LED Indicators**   System: Power, System Status
                             LAN: Speed, Link/Active
                             Serial: Tx, Rx
- **Reboot Trigger**   Built-in WDT (watchdog timer)

Power Requirements

- **Power Input**   10 ~ 30 V_{DC}
- **Power Connector**   Terminal block
- **Power Consumption**   ADAM-4571/4571L: 1.5 W
                             ADAM-4570/4570L: 2 W

Environment

- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Storage Temperature**   -20 ~ 80° C (-4 ~ 176° F)
- **Operating Humidity**   5 to 95% RH

Regulatory Approvals

- **EMC**   CE, FCC Part 15 Subpart B (Class A)

Ordering Information

- **ADAM-4571**   1-port RS-232/422/485 Serial Device Server
- **ADAM-4571L**   1-port RS-232 Serial Device Server
- **ADAM-4570**   2-port RS-232/422/485 Serial Device Server
- **ADAM-4570L**   2-port RS-232 Serial Device Server

*ADAM-4570/4570L includes 2pcs OPT1A

Accessories

- **OPT1A**   1 m RJ48 to DB9 Male Cable
- **OPT1D**   30 cm RJ48 to DB9 Male Cable