

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 RJ45
- 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, RTS/CTS
- Baud Rate 50 bps ~ 921.6 kbps, any baud rate setting
- Serial Signals RS-232: Tx/D, Rx/D, CTS, RTS, DTR, DSR, DCD, RI, GND
RS-422: Tx/D+, Tx/D-, Rx/D+, Rx/D-, GND
RS-485: Data+, Data-, GND
- Protection 15 KV ESD protection for all signals

Software

- OS Support 32-bit/64-bit Windows XP/Vista/7/8, Windows Server 2003/2008/2008 R2/2012, Windows CE 5.0, and Linux
- Utility Software Advantech EKI Device 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 ARP, ICMP, IP, TCP, UDP, BOOTP, DHCP Client, Auto IP, Telnet, SNMP, HTTP, DNS, SMTP

Mechanics

- Dimension (W x H x D) 70 x 130 x 30 mm (2.76" x 5.12" x 1.18")
- Enclosure ABS+PC with solid mounting hardware
- Mounting DIN-rail, Stack, Wall
- Weight ADAM-4571/4571L: 135 g
ADAM-4570/4570L: 160 g

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: 2.5 W
ADAM-4570/4570L: 2.5 W

Environment

- Operating Temperatures -10 ~ 60°C (14 ~ 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

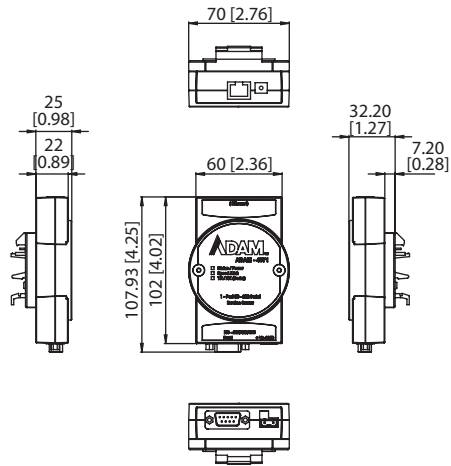
Accessories

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

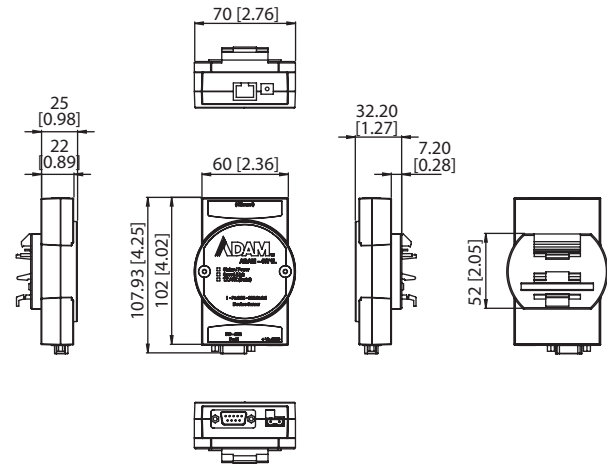
Dimensions

Unit: mm [inch]

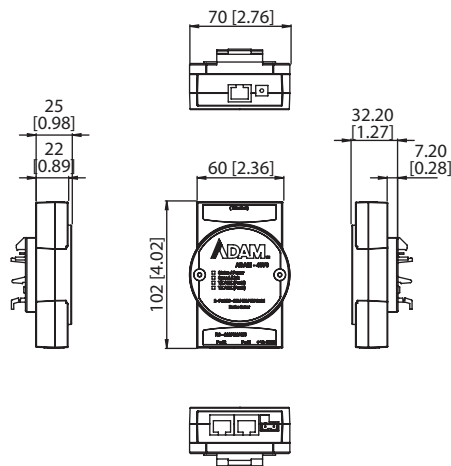
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