

# 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: 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

- 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<sub>DC</sub>
- 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

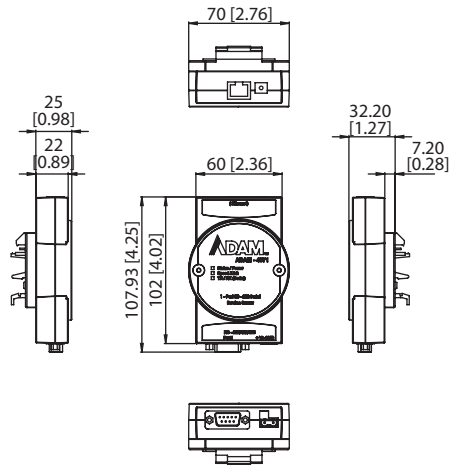
### Accessories

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

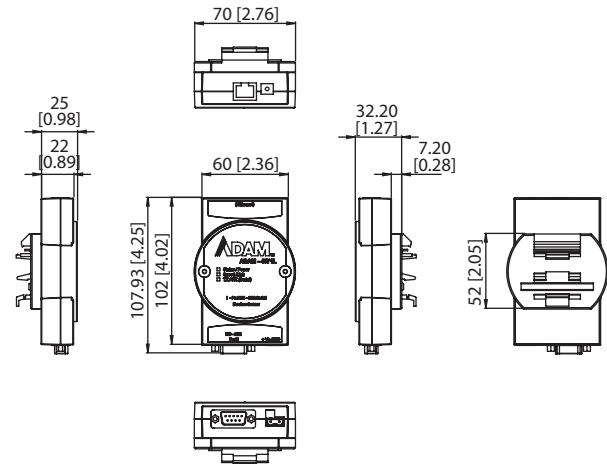
## Dimensions

Unit: mm [inch]

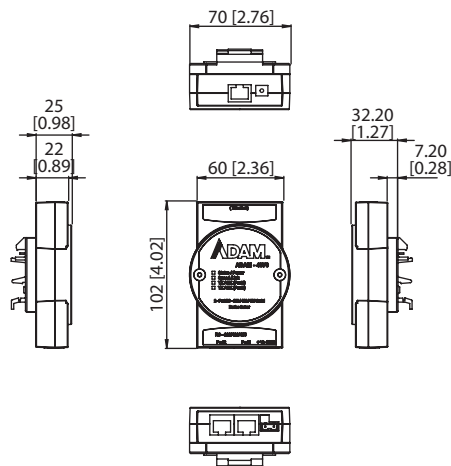
ADAM-4571



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