

# ADAM-4571/L ADAM-4570/L

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

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



CE FCC



CE FCC

## 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  
Windows utility, Telnet console, Web Browser  
ARP, ICMP, IP, TCP, UDP, BOOTP, DHCP Client, Auto IP, Telnet, SNMP, HTTP, DNS, SMTP
- Configuration
- Protocol

### 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

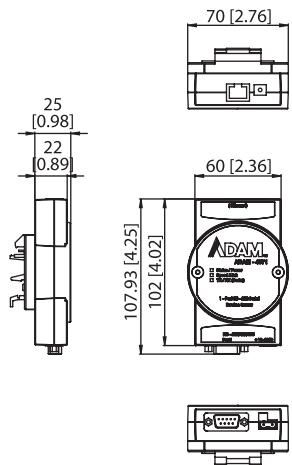
- **OPT1A** 1 m RJ48 to DB9 Male Cable
- **OPT1D** 30 cm RJ48 to DB9 Male Cable

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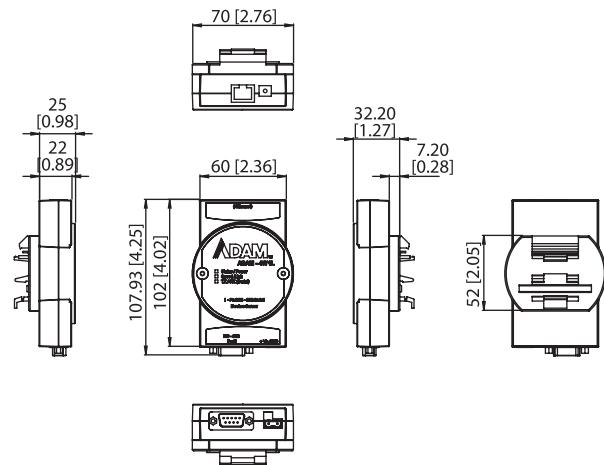
## Dimensions

Unit: mm [inch]

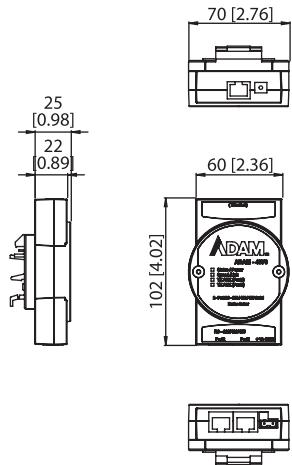
ADAM-4571



ADAM-4571L



ADAM-4570



ADAM-4570L

