

# ADAM-4570L

# ADAM-4571L

**2-port RS-232 to Ethernet  
Data Gateway**

**1-port RS-232 to Ethernet  
Data Gateway**



FCC CE

## Features

- Supports 10/100Base-T Ethernet
- Supports high transmission speeds up to 230 kbps
- Supports an advanced security mechanism to avoid unauthorized access
- Auto-reconnect
- Remote download firmware
- Auto-detecting
- Easy-managing Port Mapping Utility
- Supports Windows® 98/NT/2000/XP driver

## Introduction

ADAM-4570L and ADAM-4571L are cost-effective data gateways that connects RS-232 and Ethernet interfaces. It provides a quick and low-cost way to connect any RS-232 device with an Ethernet network. Through networking transparency features, ADAM-4570L and ADAM-4571L make it possible to cut costs by using existing hardware and software. The units also bring the advantages of remote management and data accessibility to RS-232 devices.

ADAM-4570L and ADAM-4571L provide one or two RS-232 serial ports. The transmission speed of the units is up to 230 kbps, meeting the demands for high-speed data exchanges. In addition, you can use Windows® utilities to configure the ADAM-4570L and ADAM-4571L without further programming. The units not only protects your current hardware investment but also ensures future network expandability. Since the protocol conversion is transparent, all your existing devices can be seamlessly integrated with an Ethernet network. Therefore, ADAM-4570L and ADAM-4571L can be used in security systems, factory automation, SCADA, transportation and more.

ADAM-4570L and ADAM-4571L link both your existing human-machine interface (HMI) PC and your RS-232 devices with Ethernet cables. The result extends your access from local RS-232 to global Ethernet/Internet. Another benefit is that the units allow users to remotely download programs to a designated device via Ethernet. This reduces the need for on-site maintenance and diagnosis.

Lastly, ADAM-4570L and ADAM-4571L come with a Windows® configuration and port-mapping utility. The configuration tool can auto-detect all Ethernet Data Gateway devices on the local network, and let you easily adjust all settings. The port mapping utility helps you to set up COM ports for one Windows® 95/98/NT/2000/XP platform. This helps you configure all ports to meet your needs.

## Specifications

- **Protocol** TCP/IP
- **Network** 10/100Base-T Ethernet
- **Port** 1/2 Independent RS-232 ports
- **Connector** Network: RJ-45  
Serial: RJ-48 (ADAM-4570L)  
DB9 (ADAM-4571L)
- **Transmission speed** 50 bps to 230 kbps
- **Parity Bits** Odd, even, none, space, mark
- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Diagnostic LEDs** Network: Tx/Rx, Link, Speed (10/100 Mbps),  
Power Serial: Tx/Rx, Status
- **Utility Software** Auto-detecting Configuration Utility (up to 128 devices)  
Port mapping utility
- **Drivers Supported** Windows® 98/NT/2000/XP
- **Power Requirements** Unregulated 10 to 30 V<sub>DC</sub>
- **Power Consumption** 1.5 watt (ADAM-4570L)  
1.5 watt (ADAM-4571L)
- **Mounting** DIN-rail, panel mounting, piggyback stack
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Storage Temperature** -20 ~ 80° C (-4 ~ 176° F)
- **Operating Humidity** 20 ~ 95% (non-condensing)
- **Storage Humidity** 0 ~ 95% (non-condensing)

## Ordering Information

- **ADAM-4571L** 1-port RS-232 to Ethernet Data Gateway
- **ADAM-4570L** 2-port RS-232 to Ethernet Data Gateway  
(2 pcs of 1 m RJ-48 to male DB9 RS-232/422/  
485cable included)
- **OPT1A** 1m RJ-48 to male DB9 RS-232/422/485 cable
- **OPT1D** 30cm RJ-48 to male DB9 RS-232/422/485 cable