

ADAM-4571W

ADAM-4570W

1-port RS-232/422/485 to 802.11b WLAN
Serial Device Server

2-port RS-232/422/485 to 802.11b WLAN
Serial Device Server



Features

- Supports 802.11b
- Supports wireless LAN Ad-Hoc and Infrastructure modes
- Supports high transmission speeds up to 230 kbps
- Supports an advanced security mechanism to avoid unauthorized access
- Auto-reconnection
- Remote download firmware
- Auto-detecting
- Easy-managing Port Mapping Utility
- Supports Windows® NT/2000/XP drivers
- Surge protection for serial signals
- Automatic RS-485 data flow control

Introduction

ADAM-4570W and ADAM-4571W are a cost-effective data gateway between RS-232/422/485 and 802.11b Wireless LAN interfaces. Functionally transparent and efficient, ADAM-4570W and ADAM-4571W save costs when existing H/W & S/W must continue to be used. ADAM-4570W and ADAM-4571W bring the advantages of remote management and data accessibility to thousands of RS-232/422/485 devices that cannot connect to the network.

ADAM-4570W and ADAM-4571W provide one or two RS-232/422/485 serial ports, and the transmission speed is up to 230 kbps, meeting the demand for high-speed data exchange. In addition, you can use a Windows utility to configure ADAM-4570W and ADAM-4571W without further programming. This 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 the 802.11b wireless LAN network.

Specifications

Ethernet Communications

- **Compatibility** IEEE 802.11b
- **Speed** 11 Mbps
- **Connectors** Wireless

Serial Communications

- **Type** RS-232/422/485
- **Connectors** ADAM-4571W: 1 x RJ-48
ADAM-4570W: 2 x RJ-48
- **Ports** ADAM-4571W: 1
ADAM-4570W: 2
- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity Bits** Odd, even, none, space, mark
- **Baud Rate** 50 bps ~ 230 kbps
- **Data Signals** RS-232: TxD, RxD, CTS, RTS, DTR, DSR, DCD, RI, GND
RS-422: TxD+, TxD-, RxD+, RxD-, GND
RS-485: Data+, Data-, GND

Software

- **Driver Supported** Windows NT/2000/XP
- **Utility Software** Auto-detecting configuration utility
Port mapping utility
- **Operation Modes** Virtual COMport

Mechanics

- **Dimensions (H x W x D)** 70 x 130 x 30 mm
- **Enclosure** ABS+PC with solid mounting hardware
- **Mounting** DIN-rail, stack, wall

General

- **Certifications** CE, FCC class B
- **LED Indicators** System: Status, Power
WLAN: Active, Quality
Serial: Tx, Rx

Power

- **Power Input** Unregulated 10 to 30 V_{DC}
- **Power Consumption** 4 Watt

Environment

- **Operating Temperature** 0 ~ 55° C (32 ~ 131° F)
- **Storing Temperature** -20 ~ 80° C (-4 ~ 176° F)
- **Operating Humidity** 20 ~ 95% (non-condensing)
- **Storage Humidity** 0 ~ 95% (non-condensing)

Ordering Information

- **ADAM-4571W** 1-port RS-232/422/485 to 802.11b WLAN Serial Device Server (1 pcs of OPT1A included)
- **ADAM-4570W** 2-port RS-232/422/485 to 802.11b WLAN Serial Device Server (2 pcs of OPT1A included)