

# ADAM-4510/S

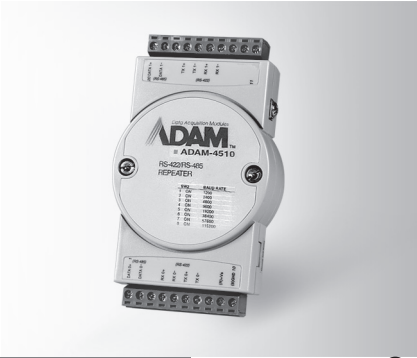
# ADAM-4520

# ADAM-4521

RS-422/485 Repeater

Isolated RS-232 to RS-422/485 Converter

Addressable RS-422/485 to RS-232 Converter



ADAM-4510/4510S



ADAM-4520



ADAM-4521



## Specifications

### General

- **Connectors** 2 x plug-in terminal blocks (#14 ~ 22 AWG) (RS-422/485)
- **Isolation Voltage** 3,000 V<sub>DC</sub> (ADAM-4510S)
- **Power Consumption** 1.4 W @ 24 V<sub>DC</sub>

### Serial Communications

- **Input** RS-485 (2-wire) or RS-422 (4-wire)
- **Output** RS-485 (2-wire) or RS-422 (4-wire)
- **Speed Modes (bps)** 1,200, 2,400, 4,800, 9,600, 19.2 k, 38.4 k, 57.6 k, 115.2 k, RTS control and RS-422 (switchable)

## Specifications

### General

- **Connectors** 1 x plug-in terminal block (#14 ~ 22 AWG) (RS-422/485)  
1 x DB9-F (RS-232)
- **Isolation Voltage** 3,000 V<sub>DC</sub>
- **Power Consumption** 1.2 W @ 24 V<sub>DC</sub>

### Serial Communications

- **Input** RS-232 (DB9)
- **Output** RS-485 (2-wire) or RS-422 (4-wire)
- **Speed Modes (bps)** 1,200, 2,400, 4,800, 9,600, 19.2 k, 38.4 k, 57.6 k, 115.2 k, RTS control and RS-422 (switchable)

## Specifications

### General

- **Connectors** 1 x plug-in terminal block (#14 ~ 22 AWG) (RS-422/485)  
1 x DB9-F (RS-232)
- **Isolation Voltage** 1,000 V<sub>DC</sub>
- **Power Consumption** 1.0 W @ 24 V<sub>DC</sub>
- **Built-in microprocessor and watchdog timer**

### Serial Communications

- **Input** RS-485 (2-wire) or RS-422 (4-wire)
- **Output** RS-232 (DB9)
- **Speed Modes (bps)** 300, 600, 1,200, 2,400, 4,800, 9,600, 19.2 k, 38.4 k, 57.6 k, 115.2 k (software configurable)
- **RS-232 and 485 can be set to different baudrates**
- **RS-485 surge protection and automatic RS-485 data flow control**
- **Software configurable to either addressable or non-addressable mode**

## Common Specifications

### General

- **Power Input** Unregulated 10 ~ 30 V<sub>DC</sub> w/ power reversal protection

### Environment

- **Operating Humidity** 5 ~ 95% RH
- **Operating Temperature** -10 ~ 70°C (14 ~ 158°F)
- **Storage Temperature** -25 ~ 85°C (-13 ~ 185°F)

## Ordering Information

- **ADAM-4510** RS-422/485 Repeater
- **ADAM-4510S** Isolated RS-422/485 Repeater
- **ADAM-4520** Isolated RS-232 to RS-422/485 Converter
- **ADAM-4521** Addressable RS-422/485 to RS-232 Converter

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Interface Modules](#) category:*

*Click to view products by [Advantech](#) manufacturer:*

Other Similar products are found below :

[IFD8520](#) [cPCI-3544](#) [422CON](#) [ATX6022/14GP7](#) [ATX6022/8](#) [AX93221-24/48](#) [FC6A-EXM2](#) [OPT8AP-AE](#) [96RMKVM-19V1C-A](#) [60016-011](#) [60016-014](#) [60006-008](#) [60011-075](#) [HPCI-14S12U](#) [cBP-3208](#) [cBP-3062A](#) [FAB205-6P5](#) [ATX6022/6](#) [60016-012](#) [96RMKVM-17V1C-A](#) [MOS-1120Y-0201E](#) [96RMLCD-17V1-A](#) [96RMKVM-17V8C-A](#) [60004-005](#) [60016-017](#) [60006-009](#) [60016-035](#) [60016-034](#) [60016-031](#) [60016-030](#) [60016-026](#) [60016-024](#) [60016-018](#) [60016-007](#) [60016-005](#) [60007-002](#) [60006-010](#) [AXX10GBTWLHW3](#) [382-BBEH](#) [555-BDCL](#) [K6CMISZBI52](#) [426451401-3](#) [60011-093](#) [MIC-3620/3-BE](#) [MPCIE-UART-KIT02-R20](#) [RSM232](#) [PCIE-1680-AE](#) [BB-FOSTCDRI](#) [73-544-002](#) [UC-313](#)