**ADAM-4572**

1-port Modbus Gateway

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### Features
- Supports 10/100 Mbps communication speeds
- Allows up to 8 clients to access field data simultaneously
- Supports popular HMI software with Modbus/TCP driver or OPC server
- Up to 3 independent serial port capacity if configured to RS-485 serial mode
- Provides auto-searching device ID Windows utility
- Surge protection for RS-485 and power line
- Automatic RS-485 data flow control
- Easy mounting on DIN-rail or panel
- Supports Modbus/ASCII, RTU Protocol to control devices

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### Specifications

#### Ethernet Communications
- **Compatibility**
  - IEEE 802.3, IEEE 802.3u
- **Speed**
  - 10/100 Mbps
- **Port Connector**
  - 8-pin RJ45

#### Serial Communications
- **Port Type**
  - RS-232/422/485
- **No. of Ports**
  - 1
- **Port Connector**
  - Plug-in terminal block
- **Data Bits**
  - 7, 8
- **Stop Bits**
  - 1, 2
- **Parity**
  - None, Odd, Even, Mark, Space
- **Baud Rate**
  - 50 bps – 921.6 kbps
- **Data Signals**
  - RS-232: TxD, RxD, GND
  - RS-422: TxD+, TxD-, RxD+, RxD-, GND
  - RS-485: Data+, Data-, GND
- **Protection**
  - 15 KV ESD protection for all signals

#### Software
- **OS Support**
- **Utility Software**
  - Advantech EKI Device Configuration Utility
- **Operation Mode**
  - Modbus/RTU master/slave mode
  - Modbus/ASCII master/slave mode

#### 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

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### General
- **Certifications**
  - CE, FCC Part 15 Subpart B (Class A)
- **LED Indicators**
  - System: Power, System Status
  - LAN: Speed, Link/Active
  - Serial: Tx, Rx

#### Power Requirement
- **Power Input**
  - 10 ~ 30 VDC
- **Power Consumption**
  - 2.5W

#### Environment
- **Operating Temperature**
  - -10 ~ 60°C (14 ~ 140°F)
- **Storing Temperature**
  - -20 ~ 80°C (-4 ~ 176°F)
- **Operating Humidity**
  - 5 ~ 95% RH

### Ordering Information
- **ADAM-4572**
  - 1-port Modbus Gateway

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Last updated: 8-Oct-2014
Dimensions

Panel Cut-out Dimensions: 70 x 102 x 25 mm (2.76" x 4.02" x 0.98)