ADAM-4572

1-port Modbus Gateway

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 31 Independent serial ports 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

RoHS COMPLIANT 2002/95/EC   CE FCC

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

Software

- **OS Support**   Windows 2000/XP/Vista/7 (x86 and x64)
- **Utility Software**   Advantech Serial Device Server 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

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 V_{DC}
- **Power Consumption**   1.5 W

Environment

- **Operating Temperature** 0 ~ 60°C (32 ~ 140°F)
- **Storing Temperature**   -20 ~ 80°C (-4 ~ 176°F)
- **Operating Humidity**   5 ~ 95% RH

Ordering Information

- **ADAM-4572**   1-port Modbus Gateway