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
- 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 2011/65/EU 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
- • **Protection**   15 KV ESD protection for all signals

Software

- **OS Support**   32-bit/64-bit Windows XP/Vista/7/8, Windows Server 2003/2008/2008 R2/2012, Windows CE 5.0, and Linux
- **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

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

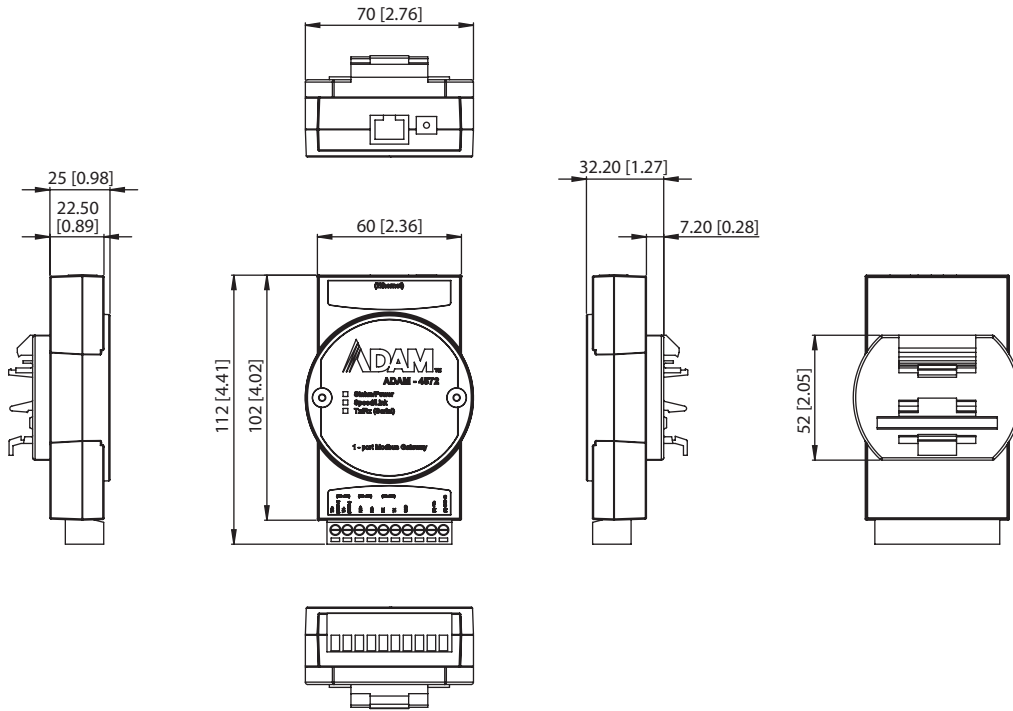- **Power Input**   10 ~ 30 V_{DC}
- **Power Consumption** 2.5W

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

Last updated: 18-Jul-2022

Dimensions

Unit: [mm]

70 [2.76]

25 [0.98]

22.50 [0.89]

32.20 [1.27]

7.20 [0.28]

60 [2.36]

112 [4.41]

102 [4.02]

52 [2.05]

(Ethernet)

ADAM - 4572

Status/Power
Speed/Link
Tx/Rx (Serial)

1 - port Modem Gateway

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