



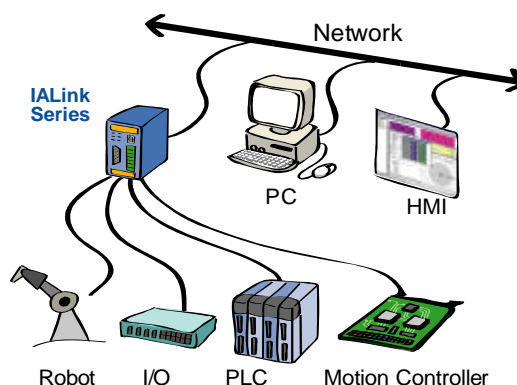
### Features

- Connects Modbus serial devices to 10Base-T Ethernet network
- Supports serial protocol for Modbus RTU/ASCII
- Supports Modbus Master/Slave mode
- Supports RS232/422/485 based serial devices via screw terminal block
- Transfers serial data at a rate up to 115 Kbps
- Can be mounted on DIN rail mounting rack
- Configuration via telnet or serial console port
- Windows-based management software for configuration and administration

**The IALink100-Modbus** is a Modbus/TCP Gateway that makes your RS232/422/485 based Modbus devices manageable through Modbus/TCP protocol over Ethernet. It supports Modbus Master/Slave mode for both Modbus ASCII and RTU devices, and can connect multiple Modbus devices to Ethernet by RS422/485 multi-drop connection.

The IALink100-Modbus is designed to meet the requirements for various industrial applications. It can be easily mounted on to a DIN-rail mounting rack, and it supports screw terminal block interface for power-supply and serial interface.

You could easily configure and administrate the IALink100-Modbus by using Telnet, the serial console port and Windows-based HelloDevice Manager software.



The IALink100-Modbus would be an ideal Modbus/TCP gateway solution for you in connecting your RS232/422/485 based industrial Modbus devices to the Modbus/TCP-based network easily, as well as cost-effectively.

## Specifications

<b>Serial Interface</b>	Screw terminal block connector Serial speeds 1200bps to 115Kbps Signals: RS232: Rx, Tx, GND RS422: Rx+, Rx-,Tx+, Tx- RS485: Data+, Data-
<b>Network Interfaces</b>	10 Base-T Ethernet with RJ45 Ethernet connector Supports both static and dynamic IP
<b>Fieldbus Support</b>	Modbus/TCP
<b>Protocols</b>	ARP, IP/ICMP TCP Telnet DHCP client
<b>Security</b>	User ID & Password
<b>Management</b>	Telnet or serial console port or HelloDevice Manager Firmware: Stored in Flash memory and downloadable via serial console port or Telnet

<b>Diagnostic LED</b>	2 for Power, Ready 2 for 10Base-T Link, Act 2 for Serial Rx, Tx
<b>Power</b>	DC power supply via Screw terminal block Supply voltage = 7.5 ~ 30 VDC accepted Supply current = 350mA (nom.)
<b>Environmental</b>	Operating temperature: 0°C to 50°C Storage temperature: -20° to 66 °C Humidity: 90% Non-condensing
<b>Physical properties</b>	Dimension (LxWxH) 100x 50 x 68(mm) 3.9x 2.0x2.7 (in.)
	Weight: 290g
<b>Approvals</b>	FCC(A), CE, MIC
<b>Warranty</b>	5-year Limited Warranty

## Ordering Information

### IALink100-Modbus

Single Port Modbus / TCP Gateway for Industrial Automation  
**Includes** Quick Start Guide  
 CD-ROM for configuration utility, drivers and manuals  
 Serial console cable

For more information, please visit us at  
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