

EZI-10

(Remote I/O Controller)



Overview

EZI-10 is a remote I/O controller. This product helps to monitor and control digital input and output remotely at a reasonable price. Applying this product, not only you can reduce cost and risk, but also you can shorten development time to add the network capability in your system. Because EZI-10 allows to extend the distance of your I/O control system, you are able to remotely control and monitor the I/O device over the Internet anywhere you are. Since EZI-10 has two ways of I/O control (HTTP and Modbus/TCP), it is available on various environments.

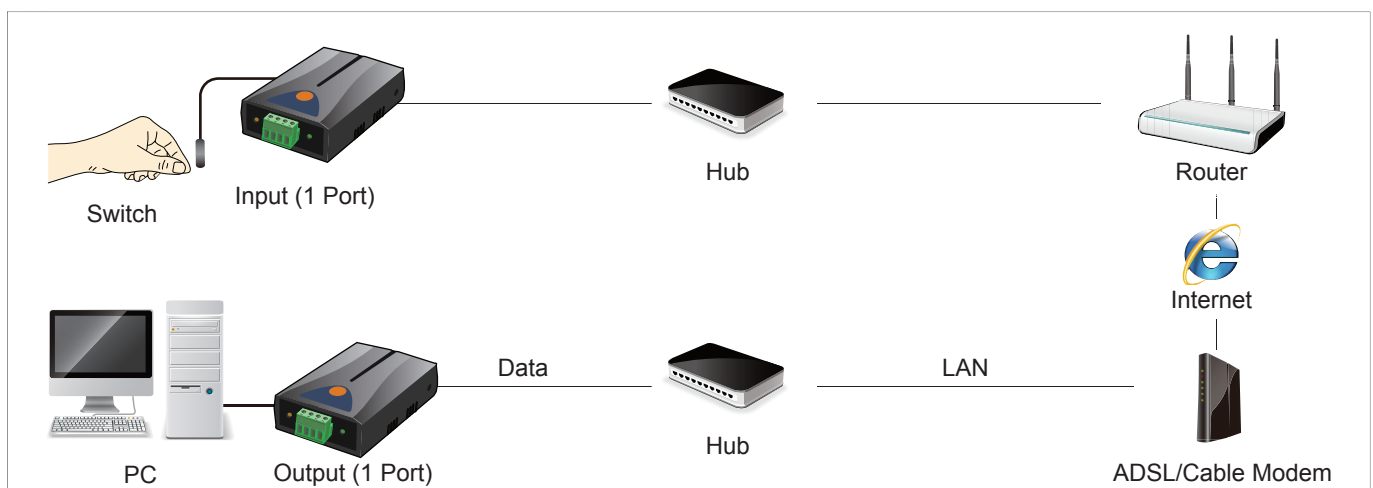
Highlights

- Remote I/O controller
- Ethernet 10Base-T
- 1 x Digital Input Ports (photo-coupler interface)
- 1 x Digital Output Ports (relay interface)
- Stored Web server for simple management
- Modbus/TCP
- Powerful configuration software for Windows OS (ezConfig)

Icons



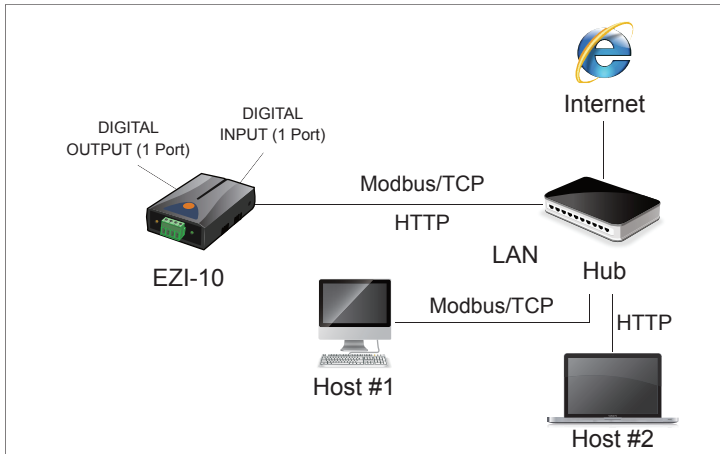
Applications



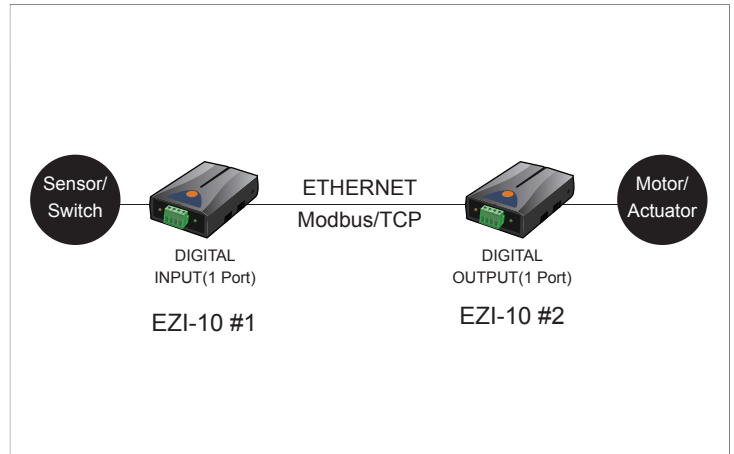
Specifications

Digital Input Port	
Number of Ports	1
Interface	Isolated by Photo-coupler
Electric Parameter	MAX VIL= DC 1.7V, MIN VIH= 2.3V
Maximum Input Voltage	DC 24V
Digital Output Port	
Number of Ports	1
Interface	Isolated by Relay
Relay Capacity	5A (DC30V)
Network Physical Interface	
Network Interface	10Base-T Ethernet (RJ45)
	1500 VAC Isolation
Software Functions	
Protocols	TCP, IP, ICMP, ARP, Ethernet
	TFTP, DHCP, PPPoE, HTTP, Modbus/TCP
Security	IP filtering - Restrict host
	Password for Configuration
Digital I/O Port Communication Mode	Modbus/TCP
	HTTP
Indicators (LEDs)	
RJ45-Yellow	Status
RJ45-Green	Ethernet Link
TB-Yellow	Digital Input
TB-Green	Digital Output
Management	
ezConfigIO	Configuration and Monitoring Tool through Ethernet
Supplementary Software	
ezConfigIO	Configuration Tool for Windows
Hotflash	Firmware Upgrade Utility for Windows
Dimension	
Size	98mm x 57mm x 24mm
Operating Environment	
Input Voltage	DC 5±0.25V
Power Consumption	83mA typical
Operating Temperature	0°C ~ +55°C
Storage Temperature	-40°C ~ +85°C

System Diagram



Modbus/TCP and HTTP



INTERNET SWITCH