



EIP-2060

EtherNet/IP module – 6 DI and 6 Relay

Features

- Transfer protocol: EtherNet/IP
- 10/100 Base-TX Ethernet, RJ-45 x 2 (Auto-negotiating, auto MDI/MDIX, LED Indicators)
- Support ARP, TCP, UDP, ICMP, DHCP, BOOTP and TFTP protocols
- Easy firmware update via Ethernet
- Removable terminal block connector
- LED display to indicate the I/O status
- Built-In I/O — DI/Counter: 6 Channels
Relay: 6 Channels
- Power-On-Value
- Safe-Value
- RoHS compliant



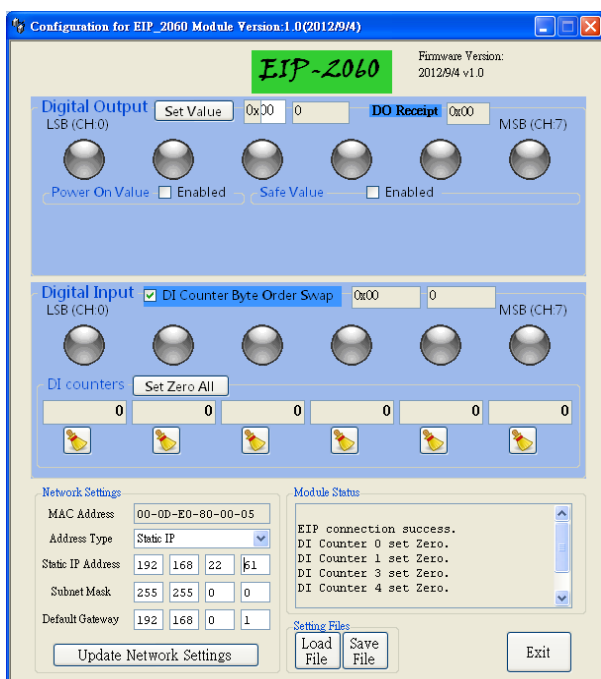
Introduction

The EIP-2060 is a remote I/O module with 6 DIs and 6 relays. It is designed as an EtherNet/IP adapter. With 2 Ethernet ports, the EIP-2060 allows daisy chain connection which permits the flexibility in locating devices, eases installation and lowers infrastructure costs. Users can obtain the I/O as well as the connection status of the EIP-2060 by the LEDs. In addition, ICPDAS provides software utility to easily configure and test the EIP-2000 modules via Ethernet.

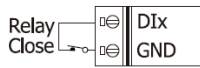
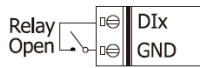
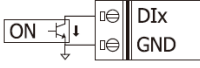
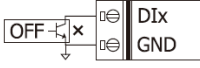






Utility Features

ICPDAS provides the EIP-2000 configuration utility for Windows 2K/XP/Vista and Win 7.

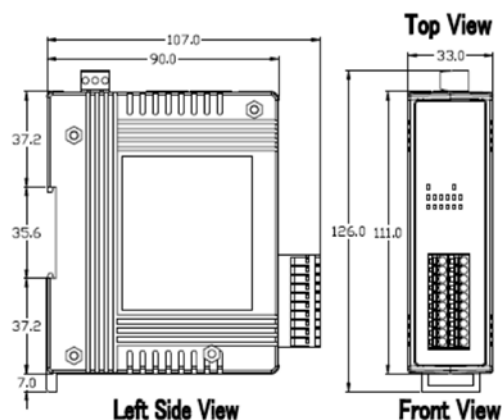
- Network parameters configuration
- Settings for power-on value and safe value.
- Easy test to transmit/receive the I/O status by EtherNet/IP
- Setting files management



Wire connection

Input	ON	OFF
Relay Contact (Dry)	Relay Close 	Relay Open 
Open Collector (Dry)	ON 	OFF 
Relay Contact (Wet)	+ 	+ 
NPN Output (Wet)	ON 	OFF 
Output	ON	OFF
Relay		

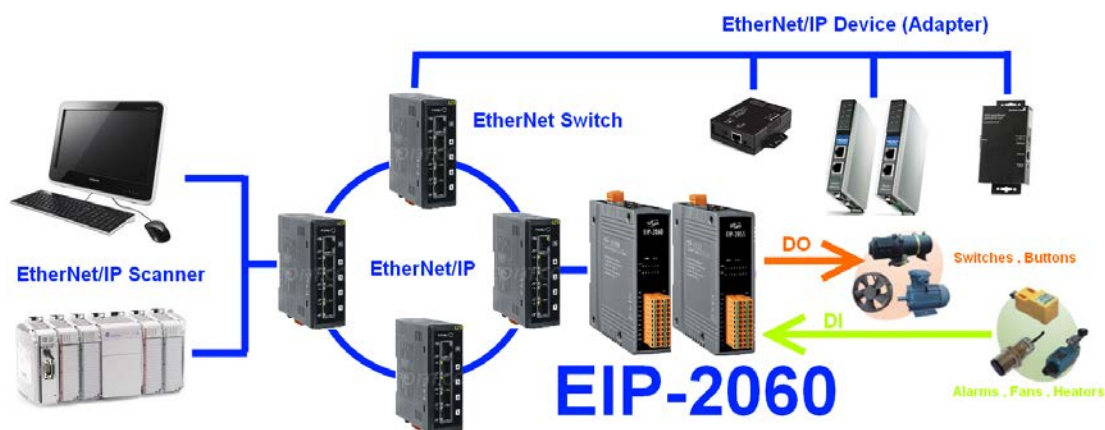
Dimensions (Units: mm)



Hardware Specifications

Digital Input / Counter		
Channels		6
Input Type		Dry Contact: Source, Wet Contact: Sink / Source
Dry Contact Level		OFF Voltage Level: OpenOn Voltage Level: Close to GND
Wet Contact Level		OFF Voltage Level: +1V _{DC} Max.On Voltage Level: +5V _{DC} ~ +50 V _{DC}
Counters	Max. Count	32-bit (4,294,967,295)
	Max. Input Frequency	3 kHz
	Programmable Digital Filter	1~6500 ms (0.08 Hz ~ 500 Hz)
Overvoltage Protection		+70 V _{DC}
Power Relay		
Channels		6
Type		Power Relay, Form A(SPST-NO)
Contact Rating		5A @ 250V _{AC} / 24V _{DC} (Resistive Load)
Min. Contact Load		10 mA @ 5 V
Operate Time		10 ms (max.)
Release Time		5 ms (max.)
Mechanical Endurance		2 x 10 ⁷ ops.
Electrical Endurance		10 ⁵ ops.
Power-on Value		Yes, Configurable
Safe Value		Yes, Configurable
Communication Interface		
Connector		10/100 Base-TX, 8-pin RJ-45 x 2 Support daisy chain connection
Standard Supported		IEEE 802.3 Ethernet/IP
Power		
Reverse Polarity Protection		Yes
Powered from Terminal Block		+10 ~ 30V _{DC}
Consumption		3.3 W(Max.)
Mechanism		
Dimensions (W x L x H)		33 mm x 127 mm x 99 mm
Installation		DIN-Rail or Wall mounting
Environment		
Operating Temperature		-25°C ~ +75°C
Storage Temperature		-30°C ~ +80°C
Humidity		10 ~ 90% RH, Non-condensing

Application



Ordering Information

EIP-2060 CR	Isolated 6-ch DI & 6 Relay Output EtherNet/IP Module
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