



EIP-2055

The EIP-2055 is a remote digital I/O module with 8 inputs and 8 outputs. It is designed as an EtherNet/IP adapter. With 2 Ethernet ports, the EIP-2055 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-2055 by the LEDs. In addition, ICPDAS provides software utility to easily configure and test the EIP-2000 modules via Ethernet.

- Transfer protocol: EtherNet/IP
- Powerful 32-bit MCU handles efficient network traffic
- 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: 8 Channels
 - DO: 8 Channels
- Power-On-Value
- Safe-Value
- RoHS compliant



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.
- DI counters inspection
- Easy test to transmit/receive the I/O status by EtherNet/IP
- Setting files management

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

| Output | ON | OFF |
|-----------------|----|-----|
| Drive Relay | | |
| Resistance Load | | |

| Digital Input | | |
|-------------------------|----------------------------------------------------------------|---------------------------------|
| Channels | 8 | |
| Input Type | Dry Contact: Source, Wet Contact: Sink / Source | |
| Dry Contact Level | Off Voltage Level: Open | On Voltage Level: Close to GND |
| Wet Contact Level | Off Voltage Level: +4V max | On Voltage Level: +10 V ~ +50 V |
| Counters | Channels | 8 |
| | Max. Counts | 32-bit (4294967295) |
| | Max. Input Frequency | 5KHz |
| Photo-Isolation | 3750 V _{DC} | |
| Digital Output | | |
| Channels | 8 | |
| Isolation Voltage | 3750 V _{DC} | |
| Type | Open Collector | |
| Sink/Source(NPN/PNP) | Sink | |
| Load Voltage | +3.5 ~ +50 V | |
| Max. Load Current | 700mA per channel | |
| Communication Interface | | |
| Connector | 10/100 Base-TX, 8-pin RJ-45x2 . Support daisy chain connection | |
| Standard Supported | IEEE 802.3 Ethernet/IP | |
| Power | | |
| Input Voltage Range | 10V ~ 30V | |
| Power Consumption | 1.6W | |
| Mechanism | | |
| Installation | DIN-Rail | |
| Dimensions | 110mm x 90mm x 33mm (H x W x D) | |
| Environment | | |
| Operating Temperature | -25°C ~ +75°C | |
| Storage Temperature | -30°C ~ +80°C | |
| Humidity | 10% ~ 90% | |

