ISA 48 Channel TTL Digital Interface

Part: 4030 | **Model:** PIO-48

The 4030 ISA digital I/O interface is designed around two 8255 chips, each providing 24 I/O lines. The board has a Dip-switch for flexible I/O addressing, IRQ jumpers for interrupts and two sets of connectors for each port. A standard 50-pin solid state relay I/O module connector and a 40-pin connector with power and IRQ signals are provided. The 50-pin connects (through an optional cable) to industry-standard PB-8, -16 or -24 solid state relay I/O modules. The 40-pin connector, terminated in an optional DB-37 cable, matches the pin-out of Generic PIO-12 boards.

Sealevel's SeaIO Classic software drivers and utilities make installation and operation easy using Microsoft Windows operating systems.

Get a jump start on your digital I/O development with The Digital I/O Handbook that will provide helpful information that you will use again and again. Check out Chapter 1 for an overview of logic principles.

Note: This item has a minimum order quantity (MOQ) of 25 units. Please contact your sales representative with any questions.

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Features & Specifications
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Features

- 48 channels of buffered TTL I/O
- Each 8-bit port individually configurable as input or output
- Built around true dual 8255 parallel I/O chips
- Power (+5V and +12V) and ground provided on connectors
- Two industry-standard 50-pin solid-state relay rack connectors
- Seal/O Classic software supports Windows 98, ME, NT, 2000, XP and Vista operating systems
- Software support for DOS, Linux, Windows 3.1 and Windows 95 available

Specifications

Board Connector	(2) 50-Pin Headers
Digital I/O	TTL I/O
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	PC/104
Number of Inputs/ Outputs	48 (TTL)
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	48
Power Requirement	+5V @ 200mA+12V @ 25mA
Storage Temperature	-50°C to 105°C (-58°F to 221°F)

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