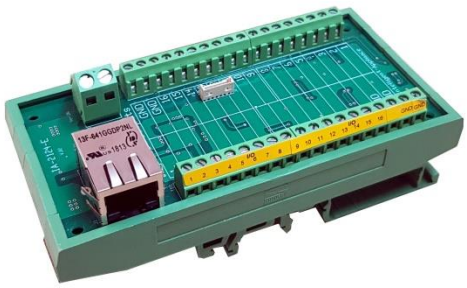
IA-2124-E

32-ch Digital I/O
Ethernet/IP Module

Intelligent Appliance
For Smart Solutions...



Introduction

The IA-2124-E is an Industrial, Ethernet Digital I/O Module, Series-3000 compatible.
This new device includes 32 Digital I/O channels, 16 Input channels and 16 output channels.

Each Input channel can generate an Interrupt, while two of the Inputs may be used as 32 bit Counter Input as well.

The IA-2124-E Digital Inputs handles both “Dry-Contact” and “Wet-Contact” Input signals in the range of LTTL to 30VDC.

The IA-2124-E includes 16 Output channels as well, capable of Sinking up to 100 mA per channel at a voltage range of up to 50VDC.

For Sourcing Output stages look for the IA-2125-E complimentary device.

The software support package includes both Labview and Microsoft Dot.Net libraries, open source examples and operation utilities for fast and easy software implementation.

It is CE, FCC Approved, and ROHS compliant, small footprint Digital I/O module.

Features

- 32-ch I/O
- Ethernet/IP Protocol
- Programmable Input Logic
- 100 mA Current per Output
- LTTL to 30VDC Voltage Range
- Mask able Peer-to-Peer Ready
- Selectable Event Driven Address
- DIN-Rail/Wall mounted
- Small Footprint

Specifications

Digital Inputs	
Channels	16
Input Logic & Pull-ups	EE Software Defined
Voltage Range	LTTL to 30VDC
Interrupt Channels	0 to 16 Software Defined
Counters	
Channels	2
Bits per Channel	32
Digital Output	
Channels	16
Output Kind	Open Collector NPN, Sink
Current Rating	100 mA
Voltage Range	0-50V
General	
Power Requirement	10-30VDC 3W
Operation Temperature	0 ~ 60° C
Storage Temperature	-30 ~ 70° C
Weight	85 gr
Size	114x56x40mm

Ordering Information

IA-2124-E	32-ch Digital I/O, Output Sink Ethernet I/O Module.
IA-2125-E	32-ch Digital I/O, Output Source Ethernet I/O Module.
IA-2123-E	32-ch Digital Input Ethernet Input Module.