

# PoE-DI4DO4

## 4 Channels Isolated Digital I/O with PoE PD Module



### Features

- 4 Channels Digital Input & 4 Channels Digital Output
- Support PoE PD
- Isolation: 2500 Vrms
- Communication Protocol: Modbus TCP



### Introduction

The PoE-DI4DO4 is a 4 Channels Digital Input and 4 Channels Digital Output with PoE PD Module which provides industries who might only need fewer channel for data acquisition. Moreover, the PoE secondary power input offers the additional power input.

#### Digital Input

Channels	4 Channels
Dry Contact	Logic Level 0: Open Logic Level 1: Close to GND
Wet Contact	Logic Level 0: 3V (Max.) Logic Level 1: 10 to 50V
Input Impedance	10 KΩ
Isolation	2500 Vrms
Over-Voltage Protection	70 VDC
Frequency Range	100 Hz (32 bit)
Latch Value Read	Yes

#### Digital Output

Channels	4 Channels
Output Type	NPN
Voltage Range	3.5~30 VDC
Normal Output Current	500mA per Channel
High Isolation	2500 VDC
Startup Value Setting	Yes
Communication Safety Value Setting	Yes

#### General

Interface	Ethernet
Input Range	10~60 VDC
Power Consumption	2 W @ 24VDC

#### Communication

Protocol	Modbus TCP
Speed	10/100 Based-T Ethernet

#### Environmental

Operating Temp.	-25 ~ 70°C (-13 ~ 158°F)
Storage Temp.	-30 ~ 75°C (-22 ~ 167°F)
Operating Humidity	10% to 90% (non-condensing)

#### Dimension

LED Indicators	PWR, Comm, Program, Status
Dimension	20 x 100 x 95mm
Weight	65g (Average)