

# W-M2J501

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



### Main Features

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



## Introduction

The W-M2J501 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.

## Specification

### General

• Interface	Ethernet
• Protocol	Modbus TCP
• Input Range	18-75 VDC
• Power Consumption	2.4 W @ 24 VDC
• Temperature	-25 to +70°C (Operating) -30 to +75°C (Storage)
• Humidity	Operating Relative Humidity: 10% to 90% (non-condensing)
• LED Indicators	PWR, Comm, Program, Status
• Communication Speed	10/100 Based-T Ethernet
• Isolation	2500 Vrms

• Frequency Range	100 Hz (16 bit)
• 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
• Latch Value Read	Yes

### Digital Output

• Channels	4 Channels
• Output Type	NPN
• Voltage Range	3.5 - 30 VDC
• Normal Output Current	500mA per Channel
• Startup Value Setting	Yes
• Communication safety Value	Yes
• Dimension	20mm * 100mm * 95mm
• Weight	65g (Average)

### Digital Input

• Channels	4 Channels
• Input Impedance	10 KΩ
• Over-Voltage Protection	70 VDC