

## AEIO-TP2A2 – 2 Ch DI, 2 Ch DO Ethernet Module, ModbusTCP



### Features

- 2 Channel Digital Input/Counter
- 2 Digital Outputs, Sourcing (PNP)
- 1-Port Ethernet, Modbus TCP/UDP

### Specifications

Digital Input		Communication	
<b>Channels</b>	2	<b>Ethernet Port</b>	1 x RJ-45, 10/100 Base-TX
<b>Type</b>	Wet Contact. Sink/Source	<b>Dual Watchdog</b>	Power-on & Safe Value
<b>On Voltage</b>	+10VDC ~ +50VDC	Power Requirements	
<b>Off Voltage</b>	+4VDC Max.	<b>Power Input</b>	+12 ~ 48VDC (non-regulated)
<b>Input Impedance</b>	10k Ohm	<b>Power Consumption</b>	0.04A @ 24VDC
<b>Counters</b>	Max Count 4,294,967,285 (32-bit)	Mechanical	
	Max Input Frequency 3.5 kHz	<b>Dimensions W x L x H</b>	52 mm x 98 mm x 27 mm
	Min Pulse Width 0.15ms	<b>Mounting</b>	DIN-Rail
<b>Measurement</b>	3.5kHz in mode "1000ms" +/-1Hz Error	<b>Connectors</b>	Terminal Block
<b>Protection</b>	Over Voltage +70VDC	<b>LED Indicators</b>	System, Ethernet
<b>Isolation</b>	3750Vrms	Environment	
Digital Output		<b>Operating Temperature</b>	-25 °C ~ 75 °C
<b>Channels</b>	2	<b>Storage Temperature</b>	-30 °C ~ 80 °C
<b>Type</b>	Source, Open Collector (PNP)	<b>Relative Humidity</b>	10 ~ 90% Non-condensing
<b>Voltage</b>	+5VDC ~ +30VDC		
<b>Load Current</b>	650mA/Ch @ 25°C		
<b>Protection</b>	Over Voltage +48VDC		
	Short-Circuit		
<b>PWM</b>	100 Hz Max.		
	High/Low Cycle Range 5 ~ 65,535ms)		