

# AEIO-TP6 – 6 Ch Digital Input, Ethernet Module, ModbusTCP



Features
<ul style="list-style-type: none"> <li>• 6 Channel Digital Input/Counters</li> <li>• 1-Port Ethernet</li> <li>• Modbus TCP/UDP</li> </ul>

## Specifications

Digital Input/Counters		Communication	
<b>Channels</b>	6	<b>Ethernet Port</b>	1 x RJ-45, 10/100 Base-TX
<b>Input 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
<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>Frequency Measurement</b>	1 ~ 3.5 kHz in Mode "1000 ms" (+/- 1 Hz error)	<b>Connectors</b>	Terminal Block
	10 ~ 3.5 kHz in Mode "100 ms" (+/- 10 Hz error)	<b>LED Indicators</b>	System, Ethernet
	0.01 ~ 1 Hz in Mode "Single-pulse" (+/- 0.01 Hz error)	Environment	
<b>Protection</b>	Over Voltage +70VDC	<b>Operating Temperature</b>	-25 °C ~ 75 °C
<b>Isolation</b>	3750Vrms	<b>Storage Temperature</b>	-30 °C ~ 80 °C
		<b>Relative Humidity</b>	10 ~ 90% Non-condensing