

# AEIO-6250 – 15 Channel Digital I/O ModbusTCP Module

02/06/14



Features	
8 channels analog input	
Operating Temperature -10 ~ 70°C	
Ethernet ModbusTCP interface to SoftPLC	

## Specifications

Digital Input		General	
<b>Channels</b>	8	<b>Ethernet</b>	2-port 10/100 Base-TX (for Daisy Chain)
<b>Dry Contact</b>	Logic 0: Open Logic 1: Closed to DGND	<b>LED Indication</b>	8 DI + 7 DO
<b>Wet Contact</b>	Logic 0: 0 ~ 3 VDC or 0 ~ -30 VDC Logic 1: 10 ~ 30 VDC or -10 ~ -30 VDC	<b>Protocol</b>	Modbus/TCP, TCP/IP, UDP, HTTP, DHCP
<b>Input Impedance</b>	5.2 kΩ (Wet Contact)	<b>Connector</b>	Plug-in 5P/15P screw terminal blocks
<b>Transition Time</b>	0.2 ms	<b>Power Input</b>	10 ~ 30 VDC (24 VDC standard)
<b>Frequency Input Range</b>	0.1 ~ 3kHz	<b>Watchdog Timer</b>	System (1.6 seconds) Communication (Programmable)
<b>Counter Input</b>	3kHz (32 bit + 1 bit overflow)	<b>Dimensions</b>	110 x 60 x 27 mm
<b>Keep/Discard Counter Value when power off</b>		<b>Protection</b>	Built-in TVS/ESD protection Power Reversal Protection Over Voltage protection: +/-35VDC Isolation Protection: 2500 VDC
<b>Supports Inverted DI Status</b>		<b>Power Consumption</b>	3 W @ 24 VDC
<b>Digital Output</b>		<b>Module Dimensions</b>	110 x 60 x 27 mm (HxWxD)
<b>Channels</b>	7 (Sink Type)	<b>Construction Material</b>	Impact Resistant ABS plastic
<b>Output Voltage Range</b>	10 ~ 30 VDC	<b>Certifications &amp; Compliances</b>	CE, FCC rated, ROHS Compliant
<b>Normal Output Current</b>	100 mA (per channel)	<b>Environment</b>	
<b>Pulse Output</b>	Up to 5kHz	<b>Temperature</b>	<b>Operating:</b> -10 ~ 70°C (-14 ~ 158°F)
<b>Delay Output</b>	High-to-Low and Low-to-High		<b>Storage:</b> -20 ~ 80°C (-4 ~ 176°F)
		<b>Relative Humidity (non-condensing)</b>	<b>Operating:</b> 20 ~ 95% RH <b>Storage:</b> 0 ~ 95% RH

