



## Features

- 6 Analog In/2 Analog Output Module
- Ethernet-based Smart I/O
- Mixed I/O in single module
- Pre-built HTTP server and web page for data/alarm monitoring
- User-defined web pages
- Active alarm/event handling
- Modbus/TCP protocol
- Remote F/W upgrade through the internet
- Pre-built mathematic functions in analog input modules

## Specifications

Analog Inputs	
<b>Channels</b>	6 differential
<b>Input Range</b>	±10 VDC 0 ~ 20 mA 4 ~ 20 mA
<b>Input Impedance</b>	20 MΩ
<b>CMR @ 50/60 Hz</b>	92 dB min.
<b>Resolution</b>	16 bits
<b>Isolation Protection</b>	2,000 VDC
<b>Accuracy</b>	±0.1% or better
<b>Sampling Rate</b>	10 samples/sec
<b>Bandwidth</b>	13.1 Hz @ 50 Hz 15.72 Hz @ 60 Hz
<b>Span Drift</b>	±25 ppm/° C
<b>Zero Drift</b>	±6 μV/° C

Digital Input	
<b>Channels</b>	2
<b>Dry Contact:</b>	Logic level 0: close to GND Logic level 1: open
<b>Wet Contact:</b>	Logic level 0: +3 Vmax Logic level 1: 10~30 VDC

Digital Output	
<b>Channels</b>	2
<b>Type</b>	Open Collector to 30 V 100 mA max. load

Analog Output	
<b>Channels</b>	2
<b>Output Range</b>	0~10 VDC 4~20 mA 0~20 mA
<b>Resolution</b>	12 bits
<b>Accuracy</b>	0.05% of FSR
<b>Isolation Voltage</b>	2,000 VDC
<b>Drive Voltage</b>	15 VDC (current output)
<b>Drift</b>	±50 ppm/° C

General	
<b>Certifications</b>	CE, FCC class A
<b>Connectors</b>	(1) RJ-45 (LAN) Plug-in screw terminal block (I/O & power)
<b>Dimensions</b>	70 x 112 x 25 mm (WxHxD)
<b>Enclosure</b>	ABS+PC
<b>LAN</b>	10/100 Base-T
<b>LED Indicators</b>	Power and communication
<b>Mounting</b>	DIN 35 rail, stack, wall
<b>Power Consumption</b>	4 W (typical)
<b>Power Input</b>	Unregulated 10~30 VDC
<b>Relative Humidity</b>	<b>Operating:</b> 20 ~ 95% <b>Storage:</b> 0 ~ 95%
<b>Temperature</b>	<b>Operating :</b> -10 ~ 70°C <b>Storage:</b> -20 ~ 80°C

