



Features

- 12 Digital Input, 2 Digital Output, 2 Counter
- 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

Specifications

Digital Input	
Channels	12 Digital
Dry Contact	Logic level 0: close to GND Logic level 1: open
Wet Contact:	Logic level 0: +3 Vmax Logic level 1: 10~30 VDC
Counter	Up to 4.5 kHz
Frequency	Up to 3 kHz

Digital Output	
Channels	2
Type	Open Collector to 30 V 100 mA max. load
Pulse Output	up to 5 kHz

Counter	
Channels	2
Modes	Counter Frequency
Input Frequency	Frequency Mode 0.3 ~ 4500 Hz max. Counter Mode 4500 Hz
Isolation Voltage	2,000 VRMS
Maximum Count	4,294,967,285 (32 bit)

General	
Certifications	CE, FCC class A
Connectors	(1) RJ-45 (LAN) Plug-in screw terminal block (I/O & power)
Dimensions	70 x 112 x 25 mm (WxHxD)
Enclosure	ABS+PC
LAN	10/100 Base-T
LED Indicators	Power and communication
Mounting	DIN 35 rail, stack, wall
Power Consumption	2 W (typical)
Power Input	Unregulated 10~30 VDC
Relative Humidity	Operating: 20 ~ 95% Storage: 0 ~ 95%
Temperature	Operating : -10 ~ 70° C Storage: -20 ~ 80° C

Protection	
Power Reversal Protection	
Optical Isolation	2,000 VRMS

