Features

- 12 Digital Input, 2 Digital Output, 2 Counter
- Operating Temperature -10 ~ 70° C
- Modbus/TCP protocol

Specifications

Digital Input

Channels	12
Dry Contact	Logic level 0: close to GND Logic level 1: open
Wet Contact:	Logic level 0: 0 ~ 3 VDC Logic level 1: 10~30 VDC
Counter	Up to 3 kHz (32 bit + 1 bit overflow)
Frequency	Up to 3 kHz
Keep/Discard Counter Value when Power-off	
Supports Inverted DI Status	

Digital Output

Channels	2
Type	Open Collector to 30 V 100 mA max. load
Pulse Output	up to 5 kHz
Supports High-to-Low and Low-to-High Delay Output	

Counter

Channels	2
Modes	Counter Frequency
Input Frequency	**Counter Mode** 4.5 Hz **Frequency Mode** 0.2 ~ 4500 Hz
Isolation Voltage	2,000 VRMS
Maximum Count	4,294,967,285 (32 bit + 1 bit overflow)

General

Certifications	UL, UL(C), CE, FCC rated, ROHS compliant
Connectors	(1) RJ-45 (LAN) Plug-in screw terminal block (I/O & power)
Dimensions	60 x 110 x 27 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 @ 24 VDC
Watchdog	System (1.6 second) and Communication (programmable)
Power Input	Unregulated 10~30 VDC
Relative Humidity	**Operating:** 20 ~ 95% **Storage:** 0 ~ 95%
Temperature	**Operating** : -10 ~ 70° C **Storage:** -20 ~ 80° C
Construction Material	Impact resistant ABS plastic

Protection

Power Reversal Protection	
Optical Isolation	2,000 VDC