

# EDAM-9050



## Features

- ◆ Support protocol Modbus/TCP, TCP/IP, UDP, ICMP, ARP
- ◆ Support isolated input/output channels
- ◆ Ethernet 10/100 Based-T communication
- ◆ Support counter/frequency inputs
- ◆ Provide pulsed/delay output mode
- ◆ Support dry/wet contact inputs
- ◆ Fully photo-isolation 2500Vrms
- ◆ Built-in TVS/ESD protection
- ◆ Built-in watchdog timer

## Specifications

### Interface:

Communication Protocol	10/100 Based-T Ethernet Modbus/TCP, TCP/IP, UDP, ICMP and ARP
LED indication	LED for Power, Ethernet and 14 LEDs as Digital indicators
Isolation voltage	3000VDC

### Digital input:

Input channels	12
Input type	Dry contact logic level 0: Close to ground logic level 1: Open Wet contact logic level 0: 0~2Vdc logic level 1: 5~30Vdc
Counter/Frequency	Each channel supports 1KHz counter or frequency input

### Digital Output :

Channels	6
Sink type	Open collector to 50V, 500mA (maximum load)
Pulse output	Each channel supports 1KHz pulse output
Hi-to-Lo/Lo-to-Hi delay	Each channel supports high to low or low to high delay output

### Power requirement :

Consumption	2.0W
Power input	10~30VDC (unregulated)
Humidity	5 ~ 95% RH, non-condensing

### Block diagram

