

# EDAM-5017

16-CH Analog Input Module With 2-CH Isolated DI And 1-CH DO



## Features

- ◆ Protocol USB2.0 TCP/IP, MODBUS RTU, MODBUS TCP ASCII Command
- ◆ Support USB 2.0, 10/100 Ethernet, RS485/232C, CAN(Optional)
- ◆ Fully Photo-Isolation 3750Vrms
- ◆ Wide Supply Voltages (10~30V)

## Specifications

### Interface:

Communication	USB 2.0, 10/100 Ethernet, RS485/232C, CAN (optional)
Protocol	TCP, UDP, DHCP, ARP, MODBUS RTU, MODBUS TCP ASCII Command
LED Indication	LED for Power , USB, Ethernet and 32 LEDs as Digital indicators
Isolation Voltage	3000VDC

### Analog Input:

Effective Resolution	16-bit
Input Channels	16 channels Analog input
Input Type	Voltage, Current
Input Range	±10V, ±5V, ±2.5V, ±1V, ±500mV, ±15mV, 0~20mA, 4~20mA
Sampling Rate	10 Samples / Second
Input Impedance	10MΩ
Accuracy	±0.05% or better
Zero Drift	±20uV/ °C
Span Drift	25 ppm/ °C

### Digital Input:

Input Channel	2 Channels
Input Type	Voltage or Switch On/Off
Input Impedance	Logic Low : 0 < Vin < 3Vdc Logic High : 5V < Vin < 24Vdc)
Isolation Voltage	2000V

### Digital Output:

Output Channel	1 channel
Output Type	Open collect to 30Vdc/3A(max)
Isolation Voltage	2000V

### Power requirement :

Consumption	1.5W/ Typical, 2W/max
Power Input	USB powered (400mA max.) or external unregulated +10 ~ +30VDC
Humidity	5 ~ 95% RH, non-condensing

## Block Diagram

