

1-111108

16 Channels Thermocouple Input Module



Main Features

- ① 16-Ch Thermocouple Input Module
- ① Isolation Protection 3000 VDC
- ① Sampling Rates 2.5 Samples / Second per CH
- ① Input Voltage Protection $\pm 35V$

PRELIMINARY

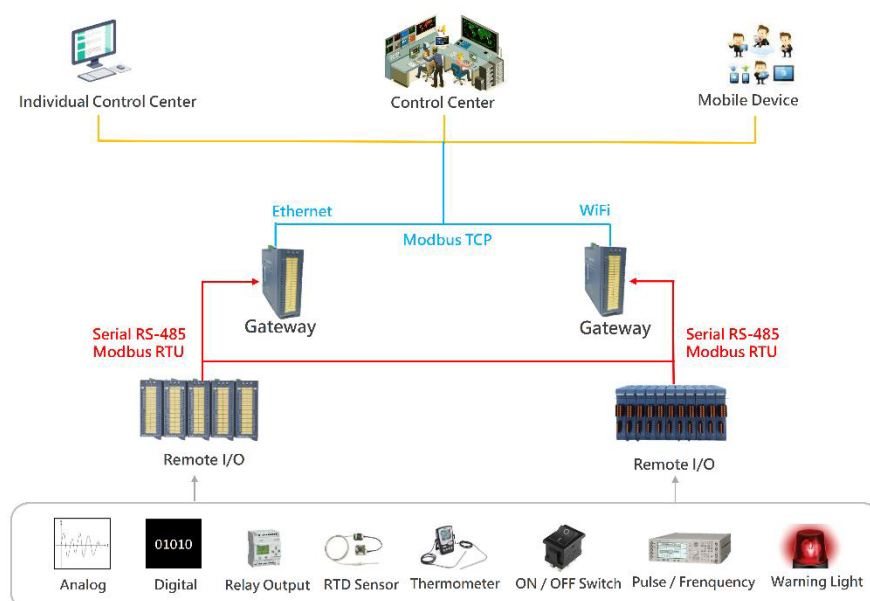


Introduction

The 1-111108 is a 16 Channels Thermocouple Input Module of 1-111 Series. The 1-111 Series Remote I/O Modules are designing to withstand wide operating temperature and work reliably in harsh environments, and are easy to configure, make mass deployment simple.

1-111 Series Remote I/O Modules include Analog, Digital, and Relay modules which also with 2~32 channels.

Application-From Data Acquisition to Central Management



Specification

Model Name	1-111108
General	
Power Requirement	10 ~ 60 VDC
Power Consumption	2.8W @ 24VDC
Watchdog Timer	System (1.6 Second Fixed) Communication (Programmable)
Connector	2 Plug-In Terminal Block (#16~30 AWG)
Temperature (Operating)	-25~70°C
Temperature (Storage)	-30~75°C
Humidity	5~95%
Interface	RS-485
Communication Protocol	Modbus RTU
Communication Speed	Serial: From 1200 to 115.2 kbps
Communication Distance	Serial: 1.2 km
Isolation Protection	3000 VDC
I/O Specification	
Channels	16 Channels
Direct Sensor Input	J, K, T, E, R, S, B, N
Disconnection Detection	Yes
Channel Independent Configuration	Yes
Sampling Rates	2.5 Samples / Second per Channel
Resolution	16-bit
Accuracy	±0.1% FSR
Input Impedance	Voltage: 2MΩ
Span Drift	±25 ppm/°C
Zero Drift	±6 μV/°C
Input Voltage Protection	±35V

Dimension

$W \times H \times L = 47.2 \times 121.1 \times 120.1\text{mm}$

