

Data Sheet

# SIG-5431 | 4-Port Analog Input I/O Gateway to Sollae Cloud



## Overview

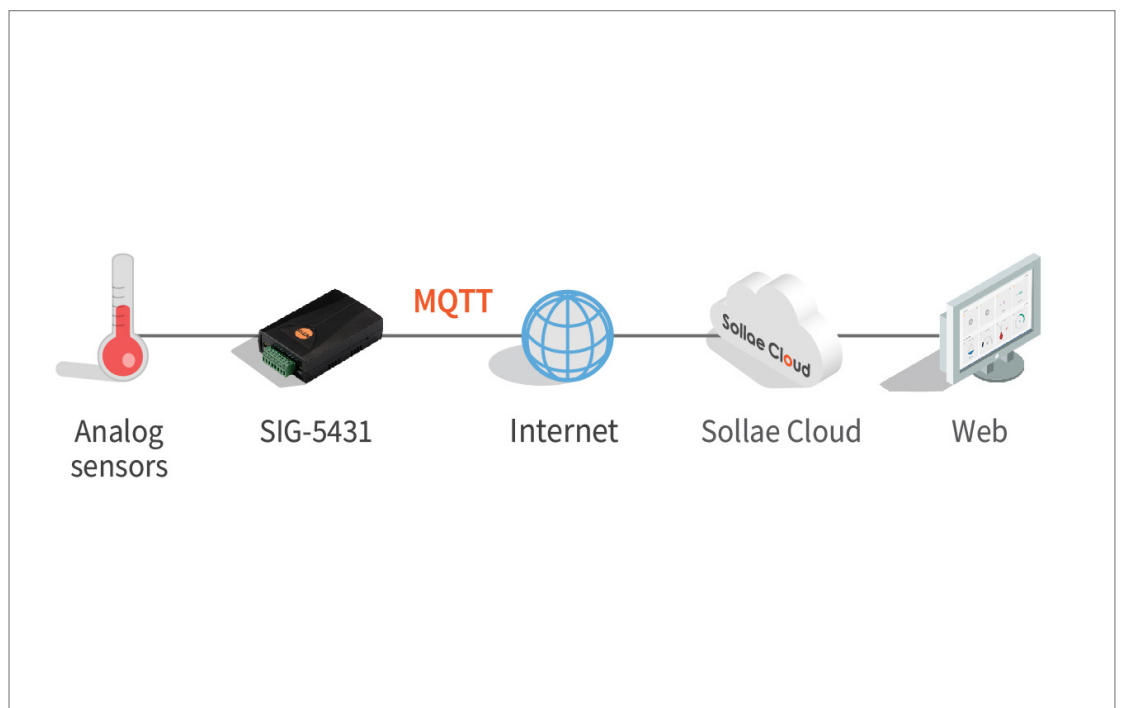
SIG-5431是连接到Sollae Cloud的工业用I/O网关，配有4个模拟输入端口。

用户使用Web浏览器可以通过远程地的PC,平板或者智能手机的APP对连接到产品的传感器/设备的数字信号进行控制。

## Features

- 4个模拟输入端口: 电压(0~5V)或是电流(4~20mA, 0~20mA)
- 以太网接口
- 利用MQTT的Sollae Cloud免费连接
- 利用TLS1.2的数据通信安保
- 设备的客户端证书认证
- 工业用温度规格(-40°C ~ +85°C)

## System Diagram



## Specifications

Analog Input	
Input Type	Voltage (0V ~ 5V) or Current (4mA ~ 20mA / 0mA ~ 20mA)
Resolution	12 bits
Number of Ports	4 ports
Network Physical Interface	
Network Interface	10Base-T/100Base-TX Ethernet (RJ45)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
Software Functions	
Protocols	IP, TCP, ICMP, DHCP, mDNS, MQTT, SSL/TLS 1.2
Network Security	Client certificate-based mutual authentication over TLS 1.2
Indicators (LEDs)	
LED	MTX, MRX
Management	
spFinder	Configuration and Monitoring Tool
Security	Password
Dimension	
Size	94mm x 57mm x 23mm
Weight	About 62g
Operating Environments	
Input Voltage	DC5V±0.2V
Protection	Reverse Voltage Protection / Surge Protection
Current Consumption	Typically, 160mA
Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C
Certificate	
KC	Registration (KN 32, KN 35)
CE	EMC 2014/30/EU, RoHS 2011/65/EU
FCC	FCC Part 15 Subpart B, Class A