

Data Sheet

SIG-5601 | 4-Port I/O Gateway to Sollae Cloud



Overview

SIG-5601是连接到Sollae Cloud的工业用有无线I/O网关，配有各4个模拟输入端口，数字输入端口与数字输出端口。

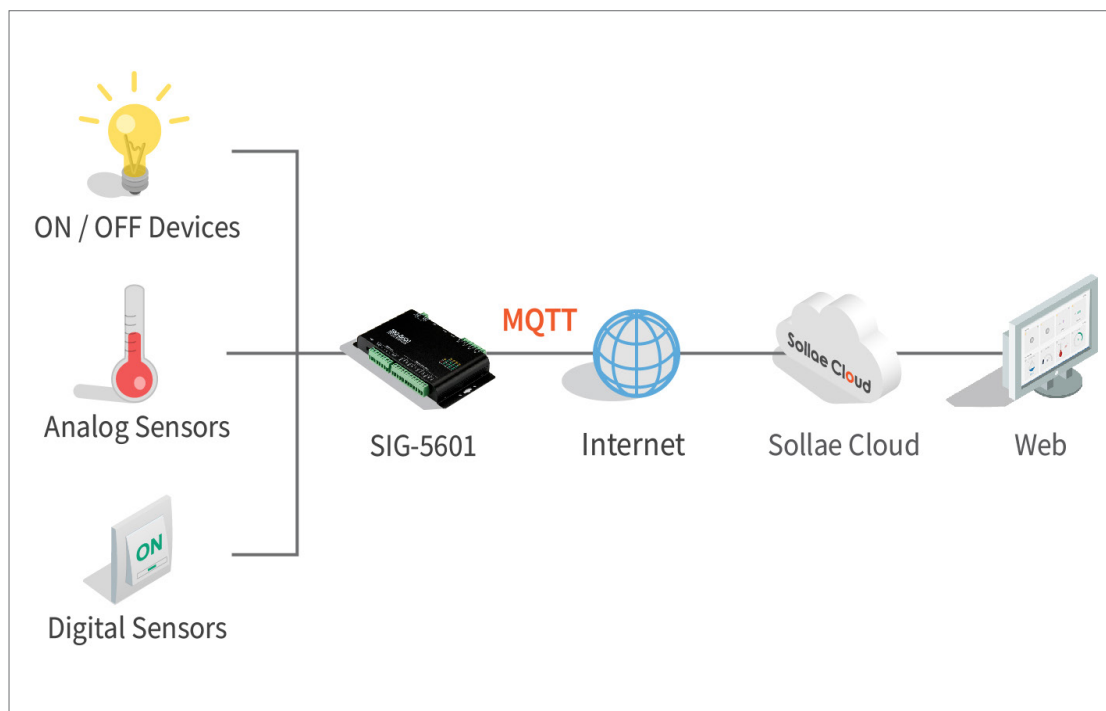
用户可以远程控制连接到该产品数字及模拟输入端口上的传感器/设备的输出。

另，用户可以通过该产品的数字输出端口可以将远程地用户设备的ON/OFF信号，可通过PC,平板或者智能手机的APP上的Web浏览器传输。

Features

- 4个模拟输入端口: 电压(0~5V)或是电流(4~20mA, 0~20mA)
- 4个数字输入端口: 电压(Wet Contact), 节点(Dry contact)
- 4个数字输出端口: NO 或是 NC
- 数字输入端口Up/Down计数
- 以太网, 无线网(需要USB无线电源适配器)接口
- 利用MQTT的Sollae Cloud免费连接
- 利用TLS1.2的数据通信安保
- 设备的客户端认证书认证
- 工业用温度规格(-40°C ~ +85°C)

System Diagram



Specifications

Digital Input	
Input Type	Dry Contact / Wet Contact / NPN / PNP
Input Voltage Range	2.5V ~ 25V
Number of Ports	4 ports
Digital Output	
Output Type	Relay (Type C - NO: Max DC 30V/5A with resistive load, NC: Max DC 30V/1A with resistive load)
Number of Ports	4 ports
Analog Input	
Input Type	Voltage (0V ~ 5V) or Current (4mA ~ 20mA / 0mA ~ 20mA)
Resolution	12 bits
Number of Ports	4 ports
Network Physical Interface	
Wired LAN	10Base-T/100Base-TX Ethernet (RJ45)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
Wireless LAN	IEEE802.11b/g Wireless LAN with a USB dongle
Software Functions	
Wireless LAN Mode	Infrastructure
Protocols	IP, TCP, ICMP, DHCP, mDNS, MQTT, SSL/TLS 1.2 WPA-PSK / WPA2-PSK, WPA-Enterprise (TTLS / PEAP)
Network Security	Client certificate-based mutual authentication over TLS 1.2
Indicators (LEDs)	
LED	PWR, RUN, STS, LINK, MTX, MRX, Di0~Di3, Do0~Do3
Management	
spFinder	Configuration and Monitoring Tool
Security	Password
Dimension	
Size	180mm x 110mm x 26mm
Weight	About 485g
Operating Environments	
Input Voltage	PWR1 - Terminal Block, DC8.5V~38V
	PWR2 - DC jack, DC5V±0.5V
	USB (Setup) - micro-USB, DC5V±0.5V
Protection	Reverse Voltage Protection / Surge Protection
Current Consumption	Typically, 3.3W
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