

Data Sheet

# SIG-5600 | 4-Port I/O Gateway



## Overview

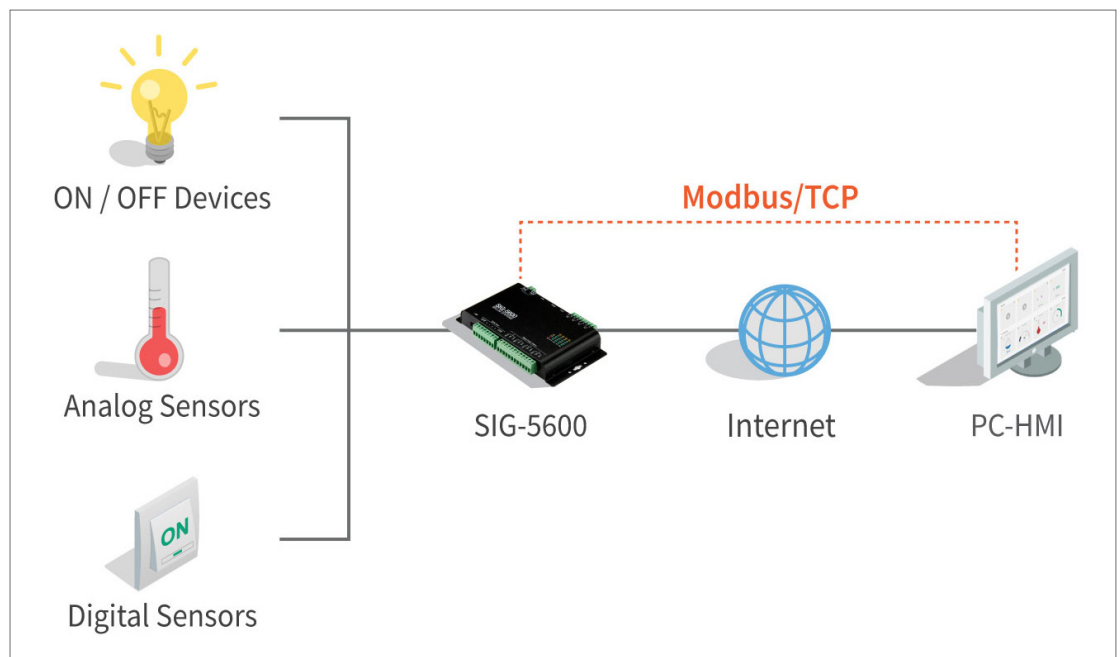
SIG-5600是配有4个模拟输入端口和4个数字输入端口及4个数字输出端口的工业用远程I/O网关。用户可以使用Modbus/TCP远程监控连接到本产品的数字和模拟输入端口传感器的输出。此外，用户可以使用本产品的数字输出端口将ON/OFF信号传输到远程用户设备。

## Features

- 4个模拟输入端口: 电压或是电流
- 4个数字输入端口: 电压(Wet Contact) 或是节点(Dry contact)输入
- 4个数字输出端口(继电器): NO及NC输出
- 支持数字输出端口脉冲模式
- 支持数字输入端口计数功能
- 支持Modbus/TCP
- 支持多个TCP连接 (最多4个通道)
- 支持因特网开关构成的Master模式
- 支持使用因特网开关应用的1-bit ADC功能
- 工业温度规格(-40°C ~ +85°C)

\* 因特网开关: 为了将数据信号传达到双向, 在没有HMI的情况将设备互相连接的构成方式

## System Diagram



# Specifications

Digital Input	
Input Type	Dry Contact / Wet Contact / NPN / PNP
Input Voltage Range	4.5V ~ 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, Soft-AP
Protocols	IPv4/IPv6 Dual Stack, TCP/UDP, ICMP, DHCP, HTTP, mDNS, SSL/TLS WPA-PSK / WPA2-PSK, WPA-Enterprise (TTLS / PEAP)
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±0.2V
	USB (Setup) - USB type-B, DC5V±0.2V
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