

Data Sheet

SIG-5430 | 4-Port Analog Input I/O Gateway



Overview

SIG-5430 is an industrial I/O Gateway consisting of 4 analog input ports.

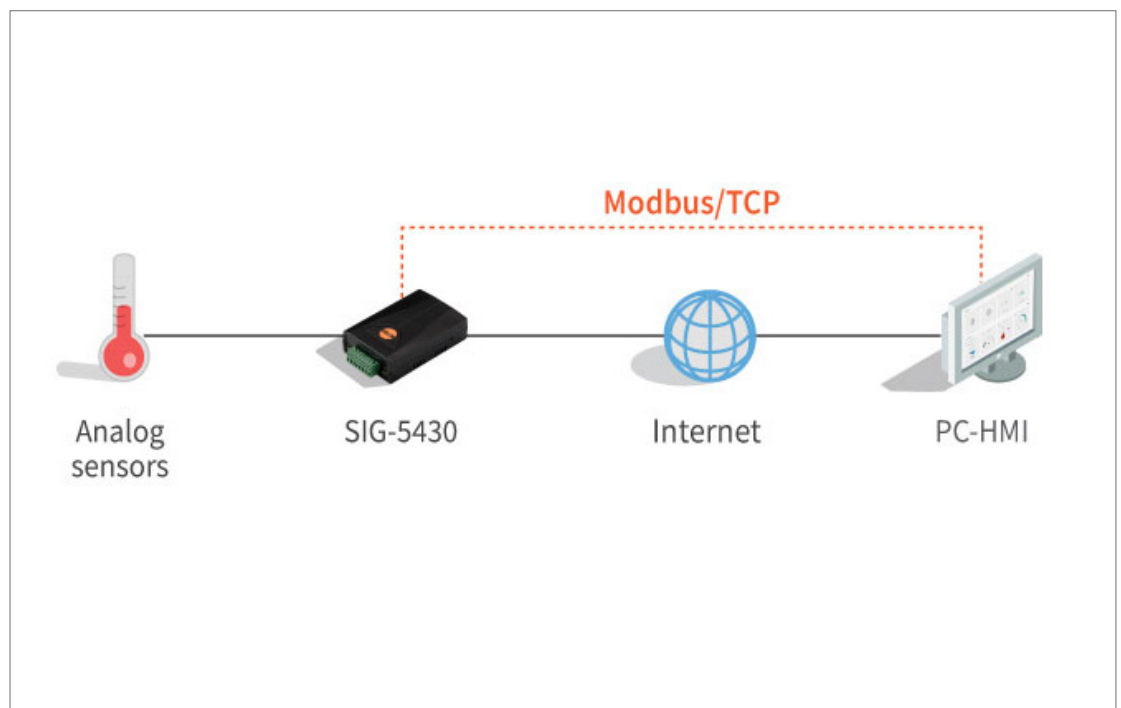
Users can remotely monitor analog values of sensors connected to this product by using Modbus/TCP.

Features

- 4 analog input ports: voltage or current
- Support Modbus/TCP
- Support multiple TCP connection (Max. 4 channels)
- Support a 1-bit ADC function for the Internet Switch
- Industrial temperature range (-40°C ~ +85°C)

* *Internet Switch: A configuration that connects devices to each other without an HMI to transmit digital signals in both directions*

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	IPv4/IPv6 Dual Stack
	TCP/UDP
	ICMP, DHCP, mDNS, Modbus/TCP
	SSL/TLS
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