

Data Sheet

# SIG-5540 | 4-Port Digital Input I/O Gateway



## Overview

SIG-5540 is an industrial I/O Gateway consisting of 4 digital input ports.

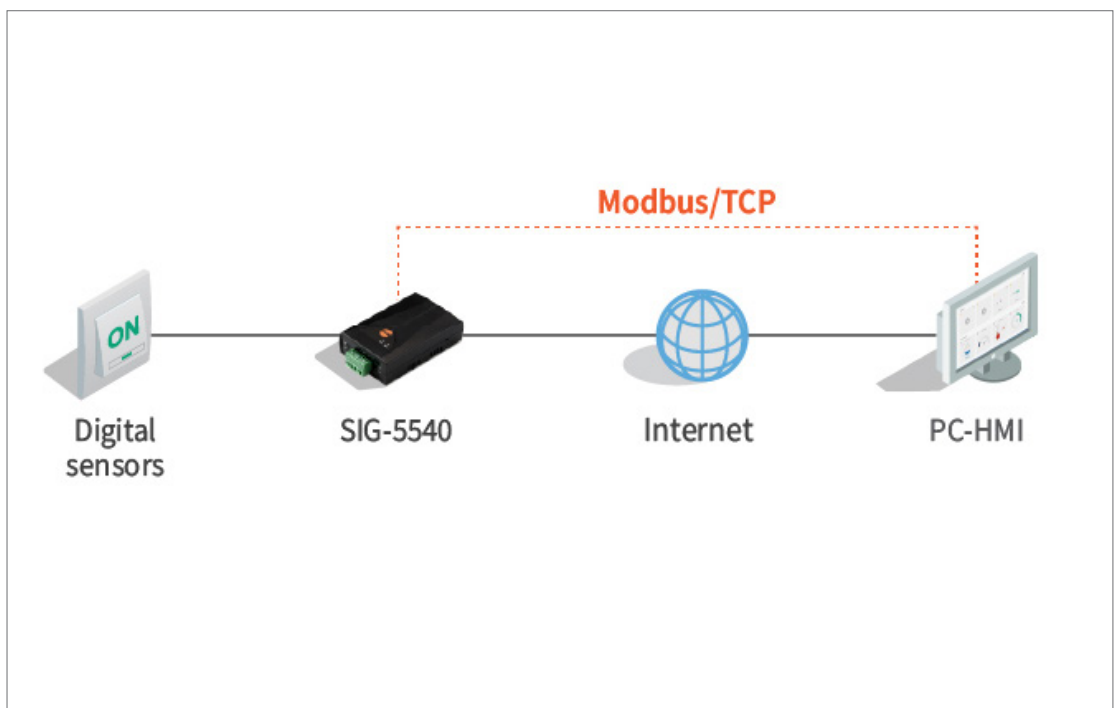
Users can remotely monitor digital values of sensors connected to this product by using Modbus/TCP.

## Features

- 4 digital input ports: Wet Contact or Dry Contact input
- Support counter function on digital input ports
- Support Modbus/TCP
- Support multiple TCP connection (Max. 4 channels)
- Support 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

Digital Input	
Input Type	Dry Contact / Wet Contact / NPN / PNP
Input Voltage Range	4.5V ~ 25V
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, Di0, Di1, Di2, Di3
Management	
spFinder	Configuration and Monitoring Tool
Security	Password
Dimension	
Size	94mm x 57mm x 24mm
Weight	About 64g
Operating Environments	
Input Voltage	DC5V±0.5V
Protection	Reverse Voltage Protection / Surge Protection
Current Consumption	Typically, 284mA
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