

Data Sheet

SMG-5410 | RS232 Modbus Gateway



Overview

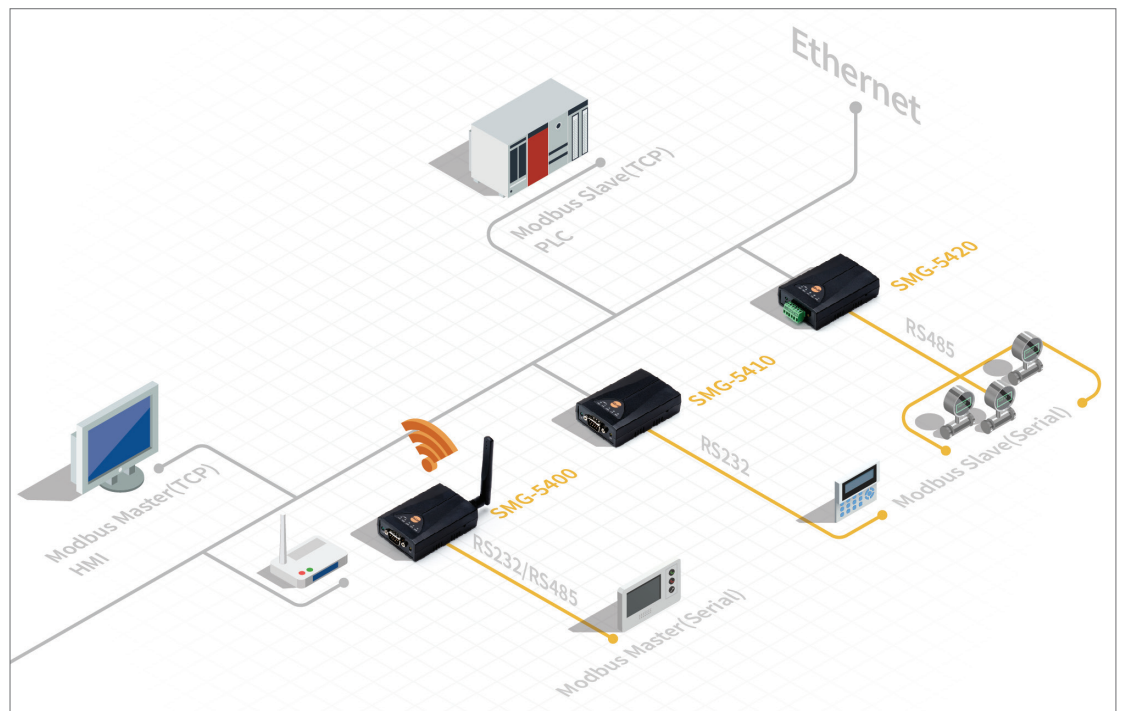
SMG-5410 is an industrial Modbus Gateway that converts and routes Modbus data between the serial line and Modbus/TCP. This can help communicate between Modbus master (or slave) of serial line and Modbus slave (or master) of network.

SMG-5410 provides 10/100Mbps Ethernet and RS232 serial port.

Features

- RS232 Modbus Gateway
- 10Base-T/100Base-TX Ethernet
- RS232 serial port
- Self-developed TCP/IP stack
- Industrial temperature range (-40°C ~ +85°C)

System Diagram



Specifications

Serial Physical Interface	
Serial Interface	RS232
	RXD, TXD, GND, RTS, CTS
Connector	9 pin D-sub male
Serial Port Properties	
Baudrate	1,200bps ~ 230,400bps
Data Bits	8 bits, 7 bits with Parity
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 2
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, Modbus/TCP, mDNS
	Modbus/RTU, Modbus/ASCII
Security	Password
Indicators (LEDs)	
PWR	Red
RUN	Yellow
LINK	Green
MRX	Green
MTX	Green
STX	Green
SRX	Green
Management	
spFinder	Configuration and Monitoring Tool through Network
Dimension	
Size	89mm x 57mm x 23mm
Operating Environments	
Input Voltage	DC 5±0.5V
Protection	Reverse Voltage Protection/Surge Protection
Current Consumption	145mA Typical
Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C
Certificate	
KC	Registration (KN 22, KN 35)
CE	EMC 2014/30/EU, RoHS 2011/65/EU
FCC	FCC Part 15 Subpart B, Class A