

# SenseLive

# X5070

# Modbus

# Gateway

**SenseLive Technologies**

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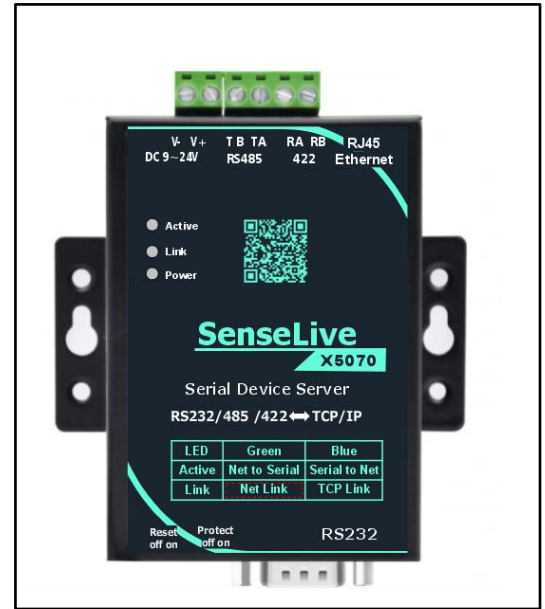
## RS485/232/422 TO TCP MQTT JSON ModbusTCP

### Product Overview

X5070 is an industrial RS232/RS485/RS422 to Ethernet IoT gateway supporting Serial Server, Modbus RTU-TCP, MQTT, and serial-to-JSON data upload. It offers wide-voltage power input, strong protection, and easy configuration for industrial datacollection.

### Key Features

- Supports RS232 / RS485 / RS422 (select one) and Ethernet (RJ45)
- Functions: TCP Server/Client, UDP, Modbus RTU-TCP, MQTT, HTTP POST/GET
- JSON conversion for Modbus RTU / 645 protocols / custom serial data
- Multi-host access and virtual COM support
- Web & SenseLive\_config\_2.0 configuration, supports DHCP & DNS
- 9-24V DC wide-voltage input (terminal block / 5.5mm adapter)
- 2kV surge protection on Ethernet
- Industrial metal enclosure with multiple mounting options

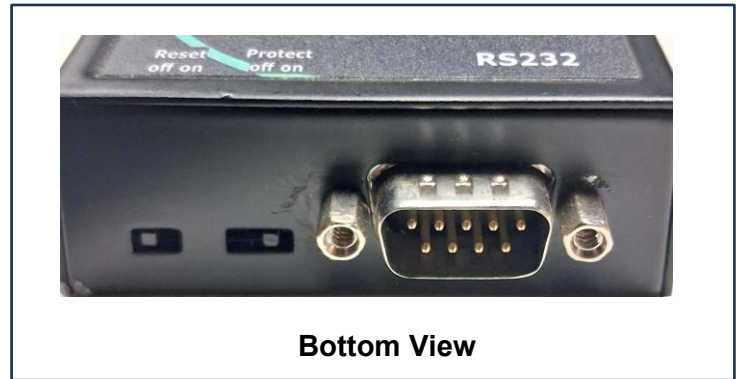


### Technical Specifications

Parameter	X5070
Power Input	9-24V DC
Serial Port	RS232/485/422 ×1
Baud Rate	300-921600bps
Data Bits	7 / 8 bits
Parity	None, Odd, Even, Mark, Space
Flow Control	RTS/CTS, DTR/DCR, None
Network Protocols	TCP, UDP, HTTP, DHCP, DNS, ARP, ICMP
Working Modes	TCP Server/Client, UDP, Modbus TCP, MQTT, Virtual COM
Operating Temperature	-40°C to +85°C
Humidity	5-95% RH
Dimensions	94 × 55 × 25 mm (±1mm)

**Indicator Lights**

Indicator	Meaning
PWR (Power)	Lights ON when the device is receiving power.
LNK (Link)	Green: Network cable is properly connected. Blue: TCP connection established (or UDP mode active).
ACT (Active)	Green: Data sent from network → serial port. Blue + Green: Data sent from serial → network (serial device is responding).



**interface instructions**

Interface	Details
Ethernet	1 × RJ45
RS232	DB9 male
RS485/422	Terminal block (TA/TB, RA/RB)
Power	5.5mm DC jack / Terminal block