

# SenseLive

# X6000

**2 Port Isolated Device Server  
Modbus RTU to Modbus TCP**

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**SenseLive Technologies**

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## Modbus RTU to Modbus TCP IP

### Product Overview

X6000 is an industrial RS485 serial server/IoT gateway with optocoupler isolation for interference protection. It features 9–24V terminal power, grounding, two RS485 ports, Ethernet, and three installation options. Supports shared/dedicated IPs, 2 stop bits, 7-bit data, and baud rates up to 921.6Kbps. Converts TCP/IP to RS485, supports virtual serial ports, Modbus RTU to TCP, MQTT, and 645-to-JSON conversion with scheduled uploads and offline data storage.

### Key Features

- Dual RS485 Ports – Independent device communication
  - Industrial-grade Design – Optocoupler isolation
  - Flexible Power – 9–24V DC wide input
  - Ethernet Connectivity – 10/100M with surge protection
  - High Baud Rate – Up to 921.6Kbps
  - Multi-Protocol – Modbus RTU/TCP, MQTT, JSON, HTTP
  - Work Modes – TCP Server/Client, UDP, Multicast
  - Cloud-Ready – MQTT & HTTP support
  - Easy Configuration – VirCOM, Web, AT commands
  - Compact & Rugged – 88×62×33 mm, multi-mount
  - Wide Range – -40°C to +85°C, 95% RH



### Technical Specifications

Parameter	X6000
Interface :	485 : Terminal
Power supply :	Terminal
Size :	L x W x H =88mm*62mm*33mm
<b>Communicate Interface</b>	
Ethernet:	10M/100M, 2 KV surge protection
Serial :	RS485×2 : 485A、485B

<b>Serial Parameters</b>	
Baud rate:	300~921600bps
Data size:	5~9
<b>Software</b>	
Protocol:	ETHERNET、IP、TCP、UDP、HTTP、ARP、ICMP、DHCP、DNS
Setting method	VirCOM、WEB ( Web pages can be customized) .
Net communication method:	Modbus TCP、MQTT 、JSO、HTTP
Modbus gateway :	Supports multi-host mode, storage mode.
Communication method :	TCP/IP Direct communication, virtual serial port method

<b>Work mode</b>	
TCP server, TCP client (the TCP server also coexists) , UDP, UDP multicast	
<b>Power</b>	
<b>Power:</b>	9~24V DC, 100mA@12V
<b>Environment</b>	
Running temperature:	-40~85°C
Storage temp:	-45~165°C
Humidity :	5~95%RH