

SenseLive

X6000

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

SenseLive Technologies

G H R T B I F, Nagpur, MH 440016, India
info@senselive.io, 9604070622, 8408058531

www.senselive.io

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.

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
Communicate Interface	
Ethernet:	10M/100M, 2 KV surge protection
Serial :	RS485×2 : 485A、485B

Serial Parameters	
Baud rate:	300~921600bps
Data size:	5~9
Software	
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

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