

SenseLive

X5600

**Serial Device Server
RS232/485/422 To TCP/IP Converter**

SenseLive Technologies

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Modbus RTU to Modbus TCP IP

Product Overview

The X5600 is a high-performance serial device server that enables seamless data transmission between RS232/485/422 and TCP/IP, making it easy to network legacy serial devices. It supports full duplex, uninterrupted communication, with built-in lightning protection for RS485/422. Both RS232 and RS485/422 can operate simultaneously without switching. The device is cost-effective, reliable, and supports modern features like DHCP, DNS, and virtual serial ports, ensuring compatibility with existing PC software without modifications.



Key Features

- Full Duplex – High-speed conversion with no data loss
- Cost-Effective – Reliable and affordable industrial solution
- Multi-Protocol – TCP Server/Client, UDP, Multicast
- Flexible Serial – 1200–115200bps, 5–9 data bits, flow control
- Lightning Protection – Built-in RS485/422 surge safety
- Easy Management – VirCom tool & Windows DLL support
- Auto-Reconnect – Restores link after network break
- Web Config – Built-in web server, DHCP & DNS support
- High Capacity – 100 TCP connections, 8 client IPs
- Advanced Serial – Flexible framing & 9th-bit communication

Technical Specifications

Parameter	X5600
Interface :	485/422/232 : Terminal
Power supply :	Terminal
Size :	L*W * 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

