

# SenseLive

## X7090

### WiFi serial Device Server

## WiFi Serial Device server /Modbus gateway RS232/485/422 To WiFi/Ethernet

### Product Overview

The X7090 is a high-performance WiFi serial device server, supporting simultaneous Ethernet and WiFi connections for flexible networking. Designed for industrial applications requiring high stability and real-time performance, it's ideal for wireless remote monitoring such as PLC systems.

### Key Features

- **Ethernet & WiFi:** Support simultaneous access.
- **Power Supply:** 9–24V wide range; supports industrial terminal or adapter input.
- **Serial Ports:** RS232/RS485/RS422 with CTS/RTS and XON/XOFF flow control.
- **Real-Time Performance:** Sticky packet optimization with 1–100 ms frame interval.
- **Upgrades:** Supports remote and Ethernet firmware updates.
- **WiFi Linking:** Modules can connect directly via WiFi.
- **Indicators:** LED status lights for Ethernet, WiFi, and TCP connections.
- **One-Click Configuration:** Easy search and setup via SenseLive\_config\_2.0 tool.
- **Network Support:** DHCP Client/Server, DNS, TCP/UDP (up to 100 TCP connections).
- **Cloud Management:** Sends MAC address for remote device tracking.
- **Monitoring:** Remote view of TCP and serial data via virtual serial port.



### Technical Specifications

Parameter	X7090
Interface	485: Terminal block 232: DB9
Power supply	Inside positive outside negative, standard outlet; Two lines termina
Size	L x W x H =9.4cm×6.5cm×2.5cm
Wifi	802.11b/g
Serial	RS232/485/422×1: RXD, TXD, GND, CTS,RTS
WLAN Standard	802.11 b/g

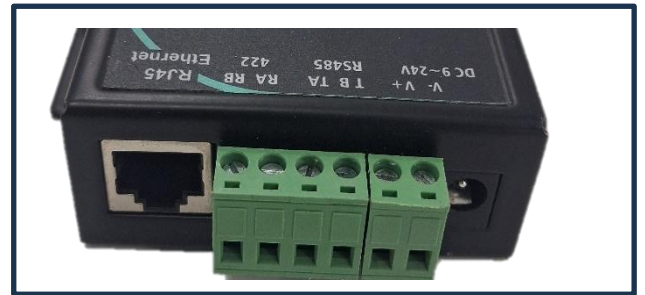
Frequency Ran	2.412GHz-2.484GHz
Transmit Power	802.11b: +20dBm(Max.); 802.11g: +18dBm(Max.)
Receiving Sensitivity	802.11b: -89dBm; 802.11g: -81dB
Ethernet	10M/100M
Power	9~24V, <1W
Work Temperature	-40~85°C
Storage Temperature	-45~125°C
WLAN Work Mode	STA/AP
Security Mechan	WEP/WPA-PSK/WPA2-PSK
Encryption Typ	WEP64/WEP128/TKIP/AES
Protocol	TCP/UDP/ARP/ICMP/DHCP/DN S/HTTP
Net communication metho	Socket, virtual serial port
User Configuration	Web Server, Windows configuration tool SenseLive_config_2.0

## interface instructions

Indicator	Status Description
<b>POWER</b>	Device powered on
<b>LINK</b>	Green: Ethernet connected; Blue: TCP/UDP connected
<b>WIFI</b>	Blue: WiFi connected (AP/STA); Green: Flash = connecting
<b>ACT</b>	Green: Data transfer active; Blue: Data returned from serial



**Bottom View**



**Top View**