

# LoRa Converter SLC922 Specifications

## Main Chip

**LoRa Transmission** : Semtech SX1272

**Soc** : Cortex®-M0

**Memory**: Flash 128K

## LoRa

**Frequency**: 862~932MHz

**Frequency Accuracy**: ± 10KHz

**Modulation**: LoRa

**Transmit Power**: 2~+20dBm

**Data Rate**: 0.244~18.2Kbps(LoRa)

**High Sensitivity**: down to -137dBm

**Communication Distance**: 2Km

**Antenna Impedance**: 50ohm

## Serial Port

**RS232/RS485**:

-1 port RS232 with DB9 or 1 port RS485  
with TB5 (S/W Jump select)

-Half Duplex of RS232 Baud Rate to 9600 ∖  
19200 ∖ 38400 ∖ 57600 ∖ 115200bps

-Half Duplex of RS485 Baud Rate to 9600 ∖ 1  
9200 ∖ 38400 ∖ 57600 ∖ 115200bps

## DI/DO

**125 Vac @0.5A, 24 Vdc @1A**

**Output**: 1\*Relay Dry Contacts, Terminal Block

**Input**: 1\*Dry Contacts, Terminal Block

**Data Rate**: 0.244~18.2Kbps (LoRa)

**High Sensitivity**: down to -137dBm

**Communication Distance**: 2Km

**Antenna Impedance**: 50ohm

## Configurations and Management

**Firmware**: Com port support system firmware upgrade

## Power Source

**Supply Voltage**: +9~24VDC, Terminal Block

**Power Consumption@12V**: Max 3W

## Environment

**Operating Temperature**: -20°C~70°C

## Mechanism

**Dimensions**: W\*H\*D: 43\*135\*96 (mm)

**Weight**: 400 ± 5g