



碩久科技有限公司

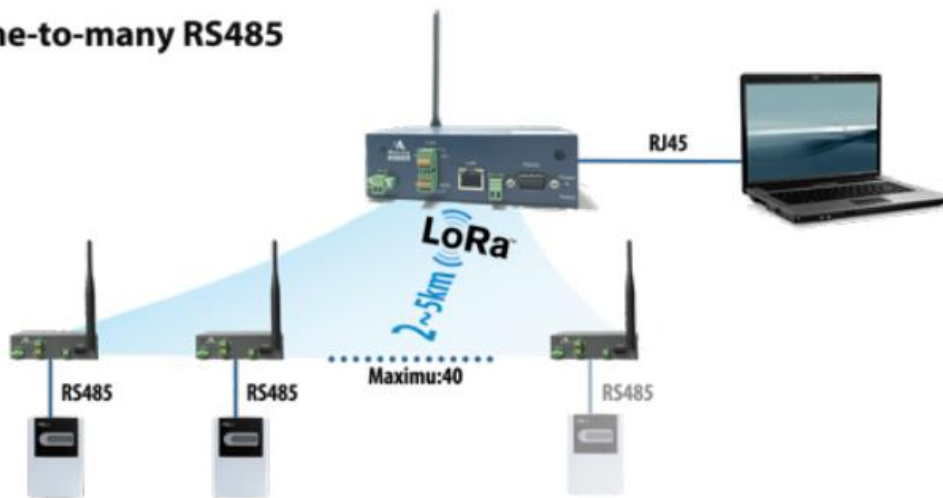
MaxLong Technology Co., Ltd

LoRa Converter Provides RS232/RS485/DIO Interfaces

Lora application scenario

LORA CONVERTER -LORA GATEWAY

One-to-many RS485



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、19200、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