



SLC485

Industrial IoT LoRa Converter

- 通訊技術：LoRa 862~932 MHz 透通模式或 Modbus (非 LoRa WAN 協定)
- 傳輸模式：多端點依頻段構成廣播網路，一次只能一個端點發出訊號(類似傳統對講機設計) 僅適合1Master+n Slaves的應用
- 通訊流量：每個封包最大承載 255 bytes 資料
- Converter轉換介面：RS232/485
- 實測通訊距離：高度100cm實測兩端點 2 公里，傳輸成功率約 90%

Maxlong LoRa轉換器

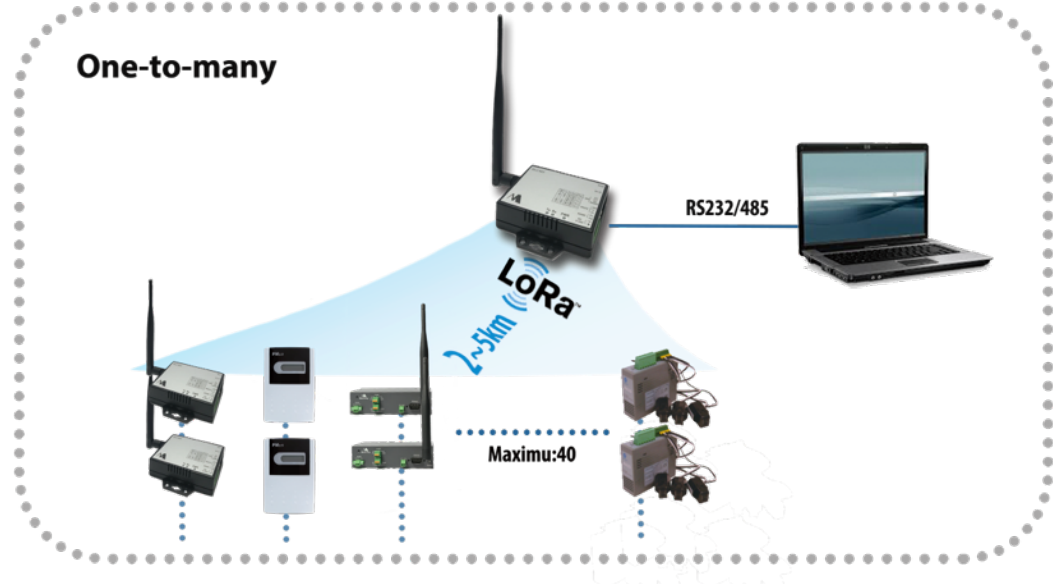
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- ✓隨插即用
- ✓設定簡單
- ✓提供RS232/RS485彈性使用
- ✓廣播方式不需配對
- ✓施工維運簡易
- ✓即時回傳
(不需等待50-150秒)
- ✓室內/戶外用機種齊全
- ✓提供完整室內外天線

Lora application scenario

LORA CONVERTER-LORA DEVICE

One-to-many



Model Name	LoRa converter SLC485
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	2~5Km
Antenna Impedance	50ohm
Serial Port	
RS232/RS485	Half Duplex of RS232 Baud Rate to 9600、19200、38400、57600、115200bps
	Half Duplex of RS485 Baud Rate to 9600、19200、38400、57600、115200bps
Configurations and Management	
Firmware	Com port support system firmware upgrade
Power Source	
Supply Voltage	+5~24VDC Terminal Block +5V Micro USB (二擇一)
Power consumption	
Standby	5V,16.63mA 12V,6.97mA 24V,4.03mA
Power consumption	
transmission	5V,17.35mA 12V,41.95mA 24V,21.73mA
Environment	
Operating Temperature	0°C~50°C
Mechanism	
Dimensions	W*H*D: 27*89*68 (mm)
Weight	82± 5g
Download Tool	https://www.maxlong.com.tw/product-detail/slc485/

