

EX9212LoRa-E/4G (WAN) LoRaWAN Server Lite(MQTT) optional

EX9212LoRa-E/4G (WAN)



Features

1. Multi-Channels LoRaWAN gateway
2. Support LoRaWAN station connection
3. Open Source OpenWRT system
4. Supports Semtech Standard Packet Forward
5. Open Source OpenWRT system
6. Configuration is easy to set up via web page and utility tool.

Specification :

LoRaWAN Server Lite(MQTT) option

• CPU	CPU MT7688AN MIPS CPU , 580 MHz
• ROM	32M Bytes Flash ROM
• LoRa Interfaces	
Frequency Bands	US915, AU915, AS923, KR920 EU868, IN865, RU864, KZ865
Sensitivity	-125dBm@125K/SF7 -139dBm@125K/SF12
TX Power	Max. 27dBm
• Ethernet	
	10 /100 M bps (Auto Detecting) Built-in 1.5KV Magnetic Isolation

Mechanical & Environment

Operating Temperature :	- 20 °C ~ 70 °C
Storage Temperature	- 30 °C ~ 80 °C
Ambient Relative Humidity	5%~95%, non-condensing
PCB Dimensions	120mm x 90mm, Weight : 950 gm
Power :	DC-Jack, 5V/3A
Led Lamp :	PWR/ST, LORA, WIFI, LTE, GPS)

4G LTE CAT1 or CAT3

LTE CAT1 module:	SMICOM A7672SA
	1. Data rate
	- Uplink up to 5Mbps
	- Downlink up to 10Mbps
	2. LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B66
	3. GSM/GPRS/EDGE
	850/900/1800/1900MHz
LTE CAT4 module:	SIMCOM SIM7500SA
	1. Data rate
	- Uplink up to 50Mbps
	- Downlink up to 150Mbps
	2. LTE-FDD B1/B3/B7/B8/B20
	3. Dual-Band UMTS/HSDPA+ B1/B8
	4. GSM/GPRS/EDGE 900/1800MHz
• Nano SIM socket	1
• Nano SD Card	1

Order Information:

Optional : Din-Rail mounting kits
Power supply(Linear/ Swintching)
Accessories : CD(Utility/ Exbrowser ; IP Search)
Relative products: EX9212LoRa-E/4G (wan) ; EX9212LoRa-S(wan)
EX9212LoRa-DIO (wan) ;
EX9133C-2/PoE; EX9133C-RS232/PoE;
EX9133C-RS485/PoE;EX9133C-2-MTCP
EX9132CST/DIO
Ex9486C-W-MTCP; Ex9486C-W