

## LoRaWAN Certification by Similarity

Requisites: Case 3, Device Certification by similarity

### Applicant:

Company Name: Xiamen Ursalink Technology Co., Ltd.

Location: 4/F, No. 63-2 Wanghai Road, 2nd Software Park, Xiamen, China, 361008

### Positive Assesment:

Dear Sir,

According to LoRa Alliance Certification process description for LoRaWAN devices detailed in the “CertificationBySimilarityDeclaration\_MAR\_Update.”, the certification by similarity is an option to get the LoRa Alliance Certification.

Based on the information provided by Xiamen Ursalink Technology Co., Ltd., the device “EM500-CO2-868” meets all the requirements specified by the LoRa Alliance, this device is a variant device which design is based on the already LoRaWAN certified device “AM100-868”.

According to the documentation provided by Xiamen Ursalink Technology Co., Ltd., the device under certification, has:

- The same LoRa transceiver
- The same LoRaWAN protocol SW version (communication layer)
- The same MCU Core
- The same Clock design and implementation

as the certified device uses the same module, and the product’s application software cannot interfere with the execution of the LoRaWAN protocol stack and all data provided by Xiamen Ursalink Technology Co., Ltd. complies with LoRa Alliance requirements for certification by similarity.

### Variant Device Info

LoRaWAN Specification Version: V1.0.2

LoRaWAN Region: EU863-870

Class of Operation: A

Product Name: EM500-CO2-868

Hardware Version: V1.2

Firmware Version: V2.3

### Reference Certified Device Info

LoraWAN Specification Version: V1.0.2

LoRaWAN Region: EU863-870

Class of Operation: A

Product Name: AM100-868

Hardware Version: V1.4

Firmware Version: V1.82

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**Signature:**