

LoRaWAN Certification by Similarity

Requisites: Case 3, Device Certification by Similarity

Applicant Company:

Company Name: Xiamen Milesight IoT Co., Ltd.

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

Positive Assessment:

Dear Sir,

According to LoRa Alliance Certification process description for LoRaWAN devices detailed in the “Certification By Similarity Declaration V1_1”, the certification by similarity is an option to get the LoRa Alliance Certification.

Based on the information provided by Xiamen Milesight IoT Co., Ltd., the device “EM500-UDL-868M” 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 “AM104-868M”.

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

- The same LoRa transceiver
- The same LoRa protocol SW version
- The same MCU Core
- The same Clock design and implementation

than the certified device integrated 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 Milesight IoT Co., Ltd. complies with LoRa Alliance requirements for certification by similarity.

Variant Device Info

LoRaWAN Specification Version: 1.0.2

LoRaWAN Region: EU863 -870

Class of Operation: A

Product Name: EM500-UDL-868M

Hardware Version: V1.2

Software Version: EM500.0000.0120.0230

Firmware Version: V2.30

Reference Certified Device Info

LoRaWAN Specification Version: 1.0.2

LoRaWAN Region: EU863 -870

Class of Operation: A

Product Name: AM104-868M

Hardware Version: V1.4

Software Version: AMXXX.0000.0140.0182

Firmware Version: V1.82

Project Manager: Gavin Yang

E-mail: gavin.yang@dekra.com

Signature: